ROCKHURST UNIVERSITY

2006-2008 CATALOG

The Rockhurst Seal, adopted in 1945, summarizes pictorially the inspiration and history of the University. In 1999, the seal was modified to reflect the institution’s new name: Rockhurst University (previously Rockhurst College). The shield in the center comprises four quarters separated by a cross with seven pillars, symbolizing the seven pillars of wisdom and the seven liberal arts. Reading clockwise, the moorcock is from the family shield of St. Thomas More, patron saint of Rockhurst. The stony, wooded hill represents the ground on which Rockhurst was built and for which it was named. The holly sprig is from the coat of arms of the Dowling family in honor of the University’s founder. The year 1910 is the founding year of Rockhurst. The quarter bars are from the family shield of St. Ignatius of Loyola, founder of the Society of Jesus. The Latin words below the shield translate,

“Wisdom has built herself a home.”

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# Table of Contents

Accreditation and Affiliations ........................................................................................................... 5

The Mission, Values and History of Rockhurst University ............................................................. 6

Degrees Offered .............................................................................................................................. 8
  Evening Programs ........................................................................................................................... 9
  Health Sciences at Rockhurst University ....................................................................................... 10

Undergraduate Studies ................................................................................................................. 11
  Undergraduate Admission .......................................................................................................... 11
  Undergraduate Tuition and Fees ............................................................................................... 17
  Undergraduate Financial Aid Programs and Policies ................................................................. 23
  Undergraduate Academic Policies ............................................................................................. 32
    Course Policies .......................................................................................................................... 33
    Grade Policies ........................................................................................................................... 38
    Degree Requirements .............................................................................................................. 45
    Other Academic Policies ......................................................................................................... 48
    Enrollment Policies .................................................................................................................. 55
    Administrative Policies ............................................................................................................ 59

The Curriculum ............................................................................................................................. 64
  The Liberal Core Curriculum ...................................................................................................... 64

College of Arts and Sciences ......................................................................................................... 69
  Administration ............................................................................................................................. 69
  Undergraduate Programs and Course Descriptions .................................................................. 70

School of Graduate and Professional Studies (Undergraduate) .................................................... 162
  Administration ........................................................................................................................... 162
  Undergraduate Programs and Course Descriptions ................................................................. 164
  Certificate Programs .................................................................................................................. 189

Helzberg School of Management (Undergraduate) ....................................................................... 191
  Administration ........................................................................................................................... 191
  Undergraduate Studies .............................................................................................................. 193
  Curriculum Requirements ......................................................................................................... 194
  Course Descriptions .................................................................................................................. 199

Research College of Nursing ....................................................................................................... 207
  Administration ........................................................................................................................... 207
  Academic Program Requirements .............................................................................................. 210
  Course Descriptions .................................................................................................................. 211
  Faculty .......................................................................................................................................... 215
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The Rockhurst University Catalog is on the Internet. The web site is:
www.rockhurst.edu/catalog
Accreditation and Affiliations
Rockhurst University is accredited by The Higher Learning Commission and is a member of the North Central Association, 30 N. LaSalle Street, Suite 2400, Chicago, IL, 60602-2504, www.ncahc.org. (800) 621-7440. Additionally, specific programs include accreditations by AACSB International-The Association to Advance Collegiate Schools of Business (undergraduate and master's degree programs), 777 South Harbour Island Boulevard, Suite 750, Tampa, FL, 33602-5730; the Accreditation Council for Occupational Therapy Education of the American Occupational Therapy Association, 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD, 20824-1220; the Commission on Accreditation in Physical Therapy Education, 1111 N. Fairfax St., Alexandria, VA, 22314-1488; the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, D.C., 20036; the Council on Academic Accreditation of the American Speech-Language-Hearing Association, 10801 Rockville Pike, Rockville, MD, 20852-3279; the Teacher Education Accreditation Council, and the Missouri Department of Elementary and Secondary Education. The University holds memberships in the American Council on Education, the Association of American Colleges, the American Association of Colleges for Teacher Education, the American Physical Therapy Association, the Council of Academic Programs in Communication Sciences and Disorders, the National Council for Undergraduate Research, the Institute for International Education, the Council for International Educational Exchange, the Association of Catholic Colleges and Universities, the Association of Jesuit Colleges and Universities, the Missouri Association of Colleges and Universities, the Missouri Colleges Fund, Inc., the Council of Independent Colleges, The College Board, and the Council of Graduate Schools.

General Information
This Rockhurst University 2006-2008 Catalog is for informational purposes and does not constitute a contract or part of a contract between Rockhurst University and any student. Information in this Catalog concerning academic programs, tuition, financial aid, academic rules and regulations, and faculty is current as of August 1, 2006. Programs and program requirements and University policies and procedures can and do change from time to time for the improvement and development of academic offerings of the University, to reflect advancement in higher education, and for compliance with applicable law.

The program and degree requirements specified in this publication apply to students who commence their studies at Rockhurst University during the academic years 2006-2007 and 2007-2008 and who remain in continuous enrollment at the institution until they are graduated. Individual schools and departments may have additional degree and other requirements. Students and prospective students should contact the administrative offices of both the school and the department of the program in which they are enrolled or to which they are applying for information on those requirements. Although requirements are subject to change without notice, as a general rule, and whenever possible, students may elect to comply with the new requirements or to remain under the requirements set forth in the catalog in effect when they began their studies (provided they have maintained continuous enrollment). Students who do not maintain continuous enrollment must satisfy the academic requirements of the catalog under which they re-enroll. Students who initially declare or change their major are bound by the regulations for the new major that are in effect the semester when they declare or change their major and officially begin studies in that program.
THE MISSION, VALUES AND HISTORY OF ROCKHURST UNIVERSITY

Our Mission

Rockhurst University is a learning community, centered on excellence in undergraduate liberal education and graduate education. It is Catholic and Jesuit, involved in the life and growth of the city and the region, and committed to the service of the contemporary world.

Our Values

Catholic and Jesuit. Rockhurst is a Jesuit school, whose educational philosophy is rooted in the spirituality of the founder of the Jesuits, Ignatius of Loyola, who believed that God's Spirit is constantly at work in all of creation and especially in every human being whose gifts and talents mirror the goodness and grandeur of God. Ignatius treated everyone with reverence and respect, and strove to bring forth each person's best gifts. He had a deep appreciation for the value of education, believing in the ultimate harmony between faith and reason, and he knew that solid intellectual work was one of the best means to develop one's gifts and to appreciate God's presence in creation. Rockhurst expresses its Catholic character by including the Scriptures and the Christian classics in its curriculum, by its liturgical life, by its emphasis on the relationship between social justice and Christian morality, and by its ecumenical openness to other religious traditions.

Learning. Rockhurst University has gained national recognition because we have faculty who are committed to developing a deep understanding of how students learn and discovering ways to share that understanding with their peers at Rockhurst and at other educational institutions. It is through excellence in teaching that Rockhurst supports the growth of the very best of what each student has to offer. Rockhurst believes that every one of our students is a unique reflection of God and without the fullest development of that student's gifts and potential the world will be diminished. Rockhurst seeks to teach its students how to think. Students learn to analyze information and make sense of it, to appreciate new concepts and expand their understanding of the world, and to listen with respect to different viewpoints and make informed ethical judgments about critical issues.

Liberal and Graduate Education. Rockhurst believes in the enduring value of a liberal education, an education which emphasizes core studies in disciplines such as literature, rhetoric, history, philosophy, theology, natural and social sciences, mathematics, art, and music in order to develop the very best gifts in each of our students. A Rockhurst education is education for life, intended to cultivate those dispositions of mind and spirit which keep the love of learning and the awareness of moral responsibility alive in us. At the same time, a Rockhurst education prepares men and women in depth, through specific majors in the arts, sciences, humanities, and business and with excellent graduate programs in business, education, and allied health sciences.
Service. Rockhurst education is education for citizenship. Thus, Rockhurst devotes its resources to enhancing the quality of life of all citizens, rich and poor alike, of metropolitan Kansas City, of its own neighborhood, and of all the other communities in which its students and alumni live and work. At the same time, students must become citizens of the world, conscious that all of their personal decisions have economic and moral implications for themselves and others. They should look upon all men and women as one human family whom they serve.

Our History

The spirit behind Rockhurst University was born in 1521, when a Spanish soldier took a cannonball in the leg at Pamplona. That soldier, later to be known as St. Ignatius of Loyola, used his recovery period to develop his spirituality and approach to life. That new spirituality led to the formation of the Society of Jesus (the Jesuits). The subsequent Jesuit tradition of service to others through a value centered liberal education has been renowned worldwide for more than 450 years. Today there are 186 Jesuit Colleges and Universities throughout the world – 28 in the United States.

Rockhurst University was founded in Kansas City in 1910 with a charter from the state of Missouri empowering Rockhurst University to grant degrees. The construction of Sedgwick Hall in 1914 allowed the opening of high school classes in 1914; college classes began in 1917. Small in numbers but infused with the Jesuit spirit, the first Rockhurst University students were all taught by the Rev. Alphonse Schwitalla, S.J. Just as the Jesuit order grew from the calling of one man into a worldwide force, so Rockhurst has grown from the dream of a small, hardy crew of Jesuits into an institution with national reach.

Today the University serves approximately 3,000 students at its campus in Kansas City’s cultural district. Both undergraduate and graduate degree programs feature the lifelong liberal arts learning approach that is a hallmark of Jesuit education.

A summary of historical highlights is offered in the “Rockhurst Traditions” section.
DEGREES OFFERED

* Program is also offered in the evening. See Evening Programs section below.
** Program is offered only in the evening. See Evening Programs section below.

Through the **College of Arts and Sciences**, Rockhurst University confers the following degrees:

**Bachelor of Arts (B.A.)**
- Business Communication
- Communication
- English*
- French
- Global Studies
- History
- Organizational Communication and Leadership**
- Philosophy
- Political Science
- Psychology
- Sociology*
- Spanish
- Theology

**Bachelor of Science (B.S.)**
- Biochemistry
- Bioinformatics
- Biology
- Chemistry

**Bachelor of Science in Nursing (B.S.N.)**
(with Research College of Nursing)

**Minors**
- Art
- Biology
- Catholic Studies
- Communication
- Computer Science
- English*
- French
- German
- Global Studies
- History

**Certificate Programs**
- Journalism
- Medical Sociology and Health Care Administration*
- Writing*

Through the **School of Graduate and Professional Studies**, Rockhurst University confers the following degrees:

**Master of Business Administration (M.B.A.)**
**Master of Business Administration (M.B.A.), Executive Fellows Program**

**Bachelor of Arts (B.A.)**
- Economics

**Bachelor of Science in Business Administration (B.S.B.A.)**

**Minors in:**
- Business Administration
- Economics

**Doctor of Physical Therapy (D.P.T.)**
**Master of Education (M.Ed.)**
**Master of Occupational Therapy (M.O.T.)**
**Master of Science in Communication Sciences and Disorders (M.S.)**

**Bachelor of Arts (B.A.)**
- Elementary Education*
- Secondary Education*
- Nonprofit Leadership Studies**

**Bachelor of Science (B.S.)**
- Communication Sciences and Disorders
- Sports Science (beginning Fall 2007)

**Minors**
- Communication Sciences and Disorders
- Nonprofit Leadership Studies**
- Paralegal Studies**

**Certificate Programs**
- Bilingual Emphasis for Communication Sciences and Disorders (undergraduate)
- Bilingual Track for Communication Sciences and Disorders (graduate)
- Paralegal Studies**
- Pre-Medical Post Baccalaureate Certificate Program
EVENING PROGRAMS

Through the School of Graduate and Professional Studies:

Master of Education (M.Ed.)

Bachelor of Arts (B.A.)
  Elementary Education
  Secondary Education+
  Nonprofit Leadership Studies

Minors
  Nonprofit Leadership Studies
  Paralegal Studies

Certificate Program
  Paralegal Studies

Through the College of Arts and Sciences and the School of Graduate and Professional Studies:

Bachelor of Arts (B.A.)
  English (Writing track)
  Organizational Communication and Leadership
  Sociology

Minors
  English (Writing track)
  Sociology

Certificate Programs
  Medical Sociology and Health Care Administration
  Writing

Through the Helzberg School of Management:

Master of Business Administration (M.B.A.)
Master of Business Administration (M.B.A.), Executive Fellows Program

Through the Helzberg School of Management and the School of Graduate and Professional Studies:

Bachelor of Science in Business Administration (B.S.B.A.)
  Business Administration

+ Courses for a degree in Secondary Education are available in the evening, however, content area coursework (not yet completed by the student) may not be available in the evening.
HEALTH SCIENCES AT ROCKHURST UNIVERSITY

Rockhurst University values service and, in that spirit, prepares students to be men and women for others. That value permeates the health sciences programs available to individuals interested in pursuing work in the health care professions. A broad selection of health care program options are available at Rockhurst University at the certificate, bachelor and graduate degree levels. For further information on a specific program, please refer to the section of the catalog related to that particular field of study.

Preparatory Programs

Undergraduate:
- Pre-Dental
- Pre-Medical
- Pre-Medical Scholars Program (with St. Louis University)
- Pre-Medical Scholars Partners Program (with Kansas City University of Medicine and Biosciences)
- Pre-Occupational Therapy
- Pre-Optometry
- Pre-Pharmacy
- Pre-Physical Therapy
- Pre-Physician Assistant
- Pre-Veterinary

Bachelor of Arts in Sociology-Health Care emphasis
Bachelor of Science in Clinical Laboratory Sciences
Bachelor of Science in Communication Sciences and Disorders

Post-baccalaureate:
- Prep-track in Communication Sciences and Disorders
- Pre-Medical Post-Baccalaureate Certificate

Graduate Programs

- Doctor of Physical Therapy (D.P.T.)
- Master of Occupational Therapy (M.O.T.)
- Master of Science in Communication Sciences and Disorders (M.S.)

Helzberg School of Management (HSOM)
- Master of Business Administration (M.B.A.)
  – Health Care Leadership Focus
- MBA Dual Degree Program
  (in collaboration with Kansas City University of Medicine and Biosciences
  Doctor of Osteopathy program)

Research College of Nursing

- Bachelor of Science in Nursing
- Accelerated Bachelor of Science in Nursing
  (Research College of Nursing grants a Master of Science in Nursing degree with three tracks. The Executive Nurse Practice: Health Care Leadership track is offered in collaboration with HSOM. Two post-master’s degree certificate programs are also offered: Executive Nurse and Nurse Educator. For further information, contact Research College of Nursing.)
Undergraduate Studies

This section provides information on admission procedures for undergraduate programs. Students considering graduate programs should review specific admission and program requirements in the Graduate section of this Catalog.

Undergraduate Admission

The Admission Committee grants acceptance to students who have demonstrated their ability to benefit from the education offered at Rockhurst University, without regard to religion, race, gender, age, disability or national origin. In most cases, this judgment will be based upon records of prior academic work. It is the responsibility of the applicant to see that all transcripts, records of tests and recommendations that give evidence of scholastic ability, character, and other credentials predictive of success at Rockhurst are forwarded to the Office of Admission at Rockhurst University. Interviews are encouraged and pre-admission counseling is available.

Rockhurst University welcomes students from diverse religious, racial and ethnic backgrounds and strives to maintain an atmosphere of respect and sensitivity toward the ultimate dignity of every person.

Admission from High School

To be considered for admission to the freshman class, an applicant should have forwarded the following materials:

1. An application form with recommendation completed by student’s counselor;
2. An up-to-date, official transcript including three years of high school work and rank in class;
3. Results of the American College Testing Program examination (ACT) or the Scholastic Aptitude Test (SAT) of the College Board; (Rockhurst University does not require the ACT writing test.)
4. A $25 non-refundable application fee. The fee may be waived based on written request from the student’s secondary school counselor. The application fee may be waived for online applications or on special application mailings.

Enrolling freshmen will be required to present a final high school transcript to Rockhurst University. This transcript needs to show date and verification of graduation. Failure to provide proof of high school graduation can result in the loss of a student’s admitted status.

To be considered for admission, an applicant’s transcript must show not less than 16 academic units from an accredited four-year high school, or 12 academic units from an accredited three-year high school. Rockhurst recommends that students complete the following academic units: four English; three math; three history-social sciences; two units of science (including at least one lab science); four to five units of academic electives (at least two units of foreign language are recommended).

Admission with Advanced Placement from High School

Rockhurst University will grant advanced placement and/or credit to high school graduates who have proved their competence by their scores on the Advanced Placement Tests administered by the College Entrance Examination Board. Scores of 4 or 5 may result in
the granting of college credit and a score of 3 will allow consideration of advanced placement in the subject. A student wishing to have Advanced Placement test results evaluated for credit should submit official score reports to the Office of the Registrar if not previously submitted to Admissions. (See “Note.”) See also “Placement and Course Equivalencies for Advanced Placement Tests” on the Rockhurst University website.

Dual Credit
Students who were jointly enrolled in college courses (from regionally accredited institutions) while attending high school may receive college credit provided the work falls within the Rockhurst curriculum guidelines. There is no limit on the number of dual credit hours which may be counted toward the 128-hour graduation requirement for the undergraduate degree. There is no limit on the number of dual credit hours that may be earned through Rockhurst University Advanced College Credit Program (ACCP). However, a student may earn no more than 11 hours of ACCP credit in any given semester from Rockhurst University. Official college transcripts should be submitted with the application for admission for evaluation of this credit.

Admission with International Baccalaureate Credit from High School
Rockhurst University recognizes the rigorous course of studies undertaken by high school students enrolled in approved International Baccalaureate programs. Therefore, high school students enrolled in higher-level International Baccalaureate courses are entitled to consideration for the granting of college credit for these courses. A score of 5 to 7 on the higher-level examinations will result in the granting of college credit equivalent to the lower division courses published in this catalog. A score of 4 will allow the student consideration for advanced placement in a given subject, but will not warrant the granting of college credit. A student wishing to have International Baccalaureate test results evaluated for credit should submit official score reports to the Office of the Registrar if not previously submitted to Admissions. (See “Note.”) See also “Placement and Course Equivalencies for International Baccalaureate Examinations” on the Rockhurst University website.

College Level Examinations
Rockhurst University enables students who have had advanced courses in high school and have done well in them to proceed at a faster pace in college and to take advanced work more quickly. For this purpose, those who wish may take Subject Level Examinations in various areas of the College Level Examination Program (CLEP) administered at centers throughout the United States during the year. General CLEP Examinations are not accepted. A student wishing to have CLEP test results evaluated for credit should submit official score reports to the Office of the Registrar if not previously submitted to Admissions. (See “Note.”) See also “Placement and Course Equivalencies for College Level Examination Program” on the Rockhurst University website.

Note: Students who achieve acceptable scores may be granted exemption from requirements and/or credits up to a maximum of 32 semester hours from Advanced Placement, International Baccalaureate or CLEP. There is no limit on the number of hours accepted toward the degree for college credits earned during high school if taken from regionally accredited institutions.
Admission with a GED (General Education Development) Certificate
Students who have completed their GED can apply for undergraduate admission to Rockhurst University. An official GED certificate, all high school transcripts, as well as an ACT or SAT test score must be supplied to support the application. An admission interview is required.

Transfer Admission/Admission from Other Institutions
Applicants with at least 12 credit hours from an accredited college or university are eligible to apply as a “Transfer” student. To be considered for transfer admission, applicants should complete the following procedures:

1. File a completed application at the Admission Office or electronically through www.rockhurst.edu;
2. Submit a non-refundable $25 application fee (the application fee may be waived for online applications);
3. Request the following credentials be sent to the Office of Admission:
   a. Current official transcripts from each college or university attended;
   b. Applicants with less than 24 college credit hours must also submit high school transcripts and standardized test scores from ACT or SAT;
   c. Transfer students who will be participating in Rockhurst University athletic programs should also submit final official high school transcripts, even if they have earned 24 or more credit hours.

The application and credentials will be reviewed prior to making an admission decision. Applicants with fewer than 24 college credit hours will be evaluated in a like manner as entering high school students.

Undergraduate Evening Program Admission/Admission from Other Institutions
Students who choose to submit an application to pursue either a degree or certificate in the evening program should complete the following to be considered for admission:

1. File a completed application at the Admission Office or electronically through www.rockhurst.edu;
2. Submit a non-refundable $25 application fee (the application fee may be waived for online applications);
3. Request the following credentials be sent to the Office of Admission:
   a. Current official transcripts from each college or university attended;
   b. Applicants with less than 24 college credit hours must also submit high school transcripts;
4. Evening student applicants may be required to provide additional credentials. For more information please consult the Director of Transfer Admission.

The application and credentials will be reviewed prior to making an admission decision.

Transfer Credit
Rockhurst University accepts transfer credit under the following guidelines:
1. Institutions must be accredited by a higher education regional accrediting association.
2. A maximum of 64 hours can be transferred from two-year junior or community colleges.
3. Coursework must have a minimum grade of “C-” achieved in order to be accepted. Coursework accepted with a minimum grade of “C-” may not be used to satisfy upper-division major or minor requirements.

4. Coursework with a grade of Pass, Credit, or Satisfactory will be accepted only with documented evidence that such grades are at least equivalent to a minimum “C-” grade.

5. Credit hours, not grade points, are counted toward Rockhurst degree programs.

6. Practicum, cooperative education, field experience, internship, etc., are not accepted.

7. Correspondence work is accepted only under special circumstances, and with prior approval of the academic dean.

8. Transfer coursework attempted after enrolling at Rockhurst must be pre-approved in order to count toward the student’s Rockhurst degree program.

For institutional accreditation reasons, the University is required to have on file official transcripts from all institutions of higher education a degree-seeking student has attended, whether or not the credit is applied to their Rockhurst degree program.

If the student has fewer than 24 transfer credit hours, they must provide their official final high school transcript showing their graduation date or GED. If a student is seeking a certificate at Rockhurst, and they have received a degree from another university, they are required to provide only a transcript from that university. If they have not received a degree elsewhere, they must provide transcripts from all other colleges. If the certificate-seeking student has no college credit, they must provide their official final high school transcript showing their graduation date or GED.

Rockhurst University reserves the right to reject course work from institutions not accredited through North Central Association of Colleges and Schools or other accrediting associations as determined by the Registrar’s Office. Such course work is not accepted for transfer or satisfaction of degree requirements at Rockhurst University.

Admission to Certificate Program

Applicants seeking admission to a certificate program only must have earned a high school diploma or equivalent or meet current admission standards for transfer students. Additionally, applicants must be in good standing at the last school, college, or university attended. If at any time the “certificate only” student wishes to enter a degree program, the student must reapply to Rockhurst University and meet the regular admission standards for degree-seeking students.

Campus Visit/Interviews

As part of the application process, students are encouraged to visit the main campus and arrange personal interviews with an admission counselor and/or faculty advisor. The interview includes a full campus tour, explanation of the liberal arts core, unofficial evaluation of transcripts and a full discussion of individual degree requirements. Admission staff members are generally available and maintain flexible schedules for interview and tour requests. An appointment may be made by calling (816) 501-4100 or (800) 842-6776 or via the web at www.rockhurst.edu/visit.

International Student Admission

An international student is any student who is not a citizen or resident legally permitted to remain in the United States for purposes of pursuing a full course of study in a specific educational program at a school in the United States that has been designated by the Department of Homeland Security as eligible to offer such programs. International stu-
students holding current F1 or other appropriate visas and currently attending an eligible U.S. institution are also considered to be international candidates for admission. All international candidates for admission must submit the following materials:

1. An official international application form with recommendation completed by the student’s counselor;
2. English translations of final official transcripts from all high schools and institutions of higher learning. These official transcripts must be evaluated by an agency acceptable to Rockhurst University International Student Advisor when the student has met all admission requirements.
3. An I-20 Form will be issued to the international student by the Rockhurst University International Student Advisor when the student has met all admission requirements.
4. Results from the Scholastic Aptitude Test (SAT) or the American College Testing Program (ACT) may be required;
5. Certification from a bank or a legally binding affidavit of financial support indicating the student’s ability to pay for educational expenses at Rockhurst;
6. A $50 application fee.

International students are encouraged to submit applications and documentation prior to regular application dates due to the additional time that may be required to review foreign credentials and to prepare visa documentation.

An I-20 Form will be issued to the international student by the Rockhurst University International Student Advisor when the student has met all admission requirements.

International students are required to participate in the student health insurance program during their tenure at Rockhurst.

**Health Insurance**

A health insurance plan designed for the students of Rockhurst University is currently available to all students. Benefits under this plan are described in detail in a brochure available in the Office of Student Development. The plan is mandatory for all international students. All full-time undergraduate students must participate unless they provide proof of current health insurance. The Rockhurst plan protects students 24 hours a day whether on or off campus during the coverage term.

**Unclassified, Audit, Visiting or Exchange Student Admission**

**Unclassified:** Individuals are welcome to enroll for up to 18 hours as “unclassified,” non-degree seeking students. Applicants seeking admission as unclassified students must have completed the requirements for a high school degree or equivalency program. Additionally, applicants must be in good standing at the last school, college or university attended. Students entering Rockhurst as unclassified students are not eligible for institutional financial aid.

An **Unclassified Application** may be obtained through the Admission Office or filed
electronically through www.rockhurst.edu. A non-refundable $25 application fee is required prior to processing. (The application fee may be waived for online applications.) Acceptance is valid for one term and will need to be renewed each academic term. Rockhurst University reserves the right to limit the number of cumulative credits taken as an unclassified student to 18 hours.

**Auditors:** Those students taking courses for interest or the development of their own skills and not with the intention of seeking credit or a degree may enroll in courses for audit. Auditing students are not required to do course work or to take examinations, but are expected to attend class regularly. Course fees for credit and audit are the same. Students may not change from audit status to credit status after registration. Students may change from credit to audit status. The procedures and deadlines for withdrawal from individual classes also pertain to changes to audit status. Students wishing only to audit classes should follow the same application procedures as unclassified applicants. Students entering Rockhurst as auditors only are not eligible for institutional financial aid.

**Visiting Students:** Students visiting Rockhurst University from other institutions of higher education must certify that they are in good academic standing at their home institution. Students entering Rockhurst as visiting students are not eligible for institutional financial aid.

**Exchange Students:** Rockhurst University participates in the Kansas City Area Student Exchange (KCASE) consortium program. Institutions participating in the consortium are Avila College, Kansas City Art Institute, Kansas City Metropolitan Community Colleges, University of Missouri-Kansas City, and Park University. Rockhurst has an independent agreement with William Jewell College as well.

Under the terms of the KCASE consortium agreement, full-time students (enrolled in at least 12 semester hours) from member institutions are eligible to take one course per fall or spring semesters only with no tuition charges. Eligible students must provide appropriate documentation from their home institution indicating their qualification for KCASE. Additionally, KCASE students must complete an Unclassified Application and return it to the Admission Office prior to registration. All application fees are waived for KCASE students. Unclassified applications are available at the Admission Office or may be filed electronically at www.rockhurst.edu. For more information about the KCASE program, see Exchange Programs in the undergraduate Enrollment Policies section of this catalog.

**Readmission to Rockhurst University**

Rockhurst students who do not continue their studies in subsequent spring or fall terms must apply for readmission to Rockhurst. Previous unclassified, auditing, visiting or exchange students are not considered candidates for readmission, but must follow the guidelines for standard undergraduate admission or transfer admission or unclassified admission as appropriate.

To apply for readmission, complete a Readmission Application available at the Admission Office or electronically at www.rockhurst.edu. Applicants who have attended other colleges or universities since last attending Rockhurst must provide official transcripts from those institutions. Transfer course work from other institutions is considered under the same guidelines as other transfer course work and the individual must provide evidence of good standing at the other institutions.

Return the completed Readmission Application form to the Admission Office. The
Admission Office will determine if the applicant is in good standing at Rockhurst University prior to readmission. To be in good standing at Rockhurst University, the applicant must resolve any financial encumbrance, academic probation or disciplinary matters with the appropriate campus office prior to admission. All transcripts from other institutions should be sent to the Admission Office. There is no application fee.

**UNDERGRADUATE TUITION AND FEES**

For specific information about tuition and fees, and room and board, see the Rockhurst University website [www.rockhurst.edu](http://www.rockhurst.edu). For special program fees, consult the particular program announcement. The University reserves the right to change tuition and fees at any time.

**Payment Policy**

Payment of tuition and fees finalizes registration, which begins with enrollment in classes. Failure to make payment will result in cancellation of enrollment and will require re-enrollment through the appropriate Dean’s office and payment in the Business Office before attending class. Students who do not satisfy their financial obligations before the first day of class may not attend class. Students who do attend class and have not satisfied their financial obligations will be removed from class.

Tuition, fees, room and board (if applicable) are due by the tuition payment deadline, before classes begin, as shown on-line at the Rockhurst University website, [www.rockhurst.edu](http://www.rockhurst.edu). All late payments will be assessed a late fee.

**Students whose accounts show unpaid balances from prior semesters will not be permitted to enroll in classes until all unpaid balances are cleared, including applicable penalty charges.**

**Payment Plans**

The University currently offers students several tuition and fee payment plans. Students must pay the appropriate amount under their payment plan in order to be fully registered and attend class.

**Regular Payment Plan**

Under the Regular Payment Plan, tuition, fees, and room and board (if applicable) are due in full before classes begin.

**Alternative Payment Plans**

Under an Alternative Payment Plan, the University allows students to pay tuition, fees, and room and board costs over an installment period depending on the plan selected. In order to qualify for any Alternative Payment Plan the student must have no history of account delinquency. Students who qualify for an Alternative Payment Plan finalize registration by having met the terms of their plan. Budgets for the Alternative Payment Plans are computed using total costs less any financial aid, scholarships, or grants. Students using an Alternative Payment Plan will be required to sign a statement of financial responsibility.

No Alternative Payment Plan is available for summer sessions. Tuition, fees, room and board (if applicable) are due in full before classes begin.
Tuition Management System (TMS)

Students who are unable to make payment in full before classes begin may choose the University’s Interest-Free Monthly Payment Plan offered in partnership with Tuition Management Systems, Inc. (TMS). This plan allows payment of full-year costs in 10 monthly payments beginning in June prior to the Fall term. There is an annual fee for the Interest-Free Monthly Payment Plan, which includes life insurance for the plan payor for the unpaid portion of the tuition and fees. For more information or to enroll, visit the TMS website, www.afford.com, or call 1-800-722-4867, or contact the Rockhurst University Business Office or Financial Aid Office.

Deferred Payment Plan

The University also offers a Deferred Payment Plan for eligible students under which one-third of the semester costs and a plan fee are due before classes begin for each semester, with the remaining balance paid in two equal amounts due October 1 and November 1 for the Fall semester, and March 1 and April 1 for the Spring semester.

The total amount of tuition and fees due under the above Payment Plans is reduced by the amount of approved scholarships, grants and net loans (gross less processing fee) which the student has obtained through the Rockhurst Offices of Admission and Financial Aid except for student work awards. Students are responsible for finding a place of employment on campus and working the hours required to earn their work award.

Employer Tuition Assistance and Reimbursement

Students attending the University through University-approved employer-reimbursement must pay all costs before classes begin, or, if the student is eligible, make arrangements for payment under an Alternative Payment Plan. Students whose employers pay partial costs are liable for those costs over and above that paid by the employer. Those costs paid by the student must be paid in full before classes begin or, if the student qualifies, tuition and fees must be paid under an Alternative Payment Plan. The reimbursement of the student is the responsibility of the employer.

Students are encouraged to make payment or arrangement for payment before the mail-in deadline by returning the invoice mailed to them by the Business Office. See the Rockhurst University website, www.rockhurst.edu for tuition payment deadlines.

Delinquent Accounts

All late payments are assessed a late fee. Monthly charges of 1-1/2 percent will be added to delinquent accounts. Overdue accounts will be sent to a collection agency. Collection costs and fees for unpaid balances forwarded to outside agencies for collection will be borne by the student.

Transcripts of academic records will not be issued by the Registrar’s Office for any student or former student whose student account is delinquent or for any student or former student whose NDSL/Perkins Loan repayments are delinquent. Delinquent balances must be paid in full or repayment plans brought current prior to the issuance of academic transcripts.

Health Insurance

A health insurance plan designed for the students of Rockhurst University currently is available to all students. Benefits under this plan are described in detail in a brochure available in the Office of Student Development. The plan is mandatory for all interna-
Undergraduate Programs

Alumni Discount Program
In an effort to provide increased opportunity for Rockhurst graduates to participate in and reassociate themselves with the academic offerings of the University, Rockhurst offers an Alumni Discount Program.

Participating students must have earned a degree from Rockhurst University.
Alumni holding a Rockhurst baccalaureate degree are eligible to take only undergraduate courses through the Alumni Discount Program. Alumni holding a Rockhurst graduate degree are eligible to take graduate or undergraduate courses through the Alumni Discount Program.

Alumni participating in the Alumni Discount Program will be subject to the same academic requirements, including prerequisites and admission qualification as regular students. Alumni must complete an application for readmission through the Office of Admission and meet the regular readmission standards of the University.

Enrollment through the Alumni Discount Program will be on a space available basis only. Alumni are limited to one course per semester and a total of one course in the summer. The University reserves the right to exempt certain courses or programs from the Alumni Discount Program, such as nursing, physical therapy, independent studies, and other courses and programs the University may specify from time to time. Enrollment for students participating in the Alumni Discount Program will be held after regular students have completed registration. Although alumni are encouraged to seek information and readmission early, alumni may not enroll for classes under this program prior to the first day of classes. Enrollment in a class prior to this time will invalidate participation in the Alumni Discount Program for that semester.

Tuition under the Alumni Discount Program is one-half of the regular tuition for the course plus any special fees such as lab fees. Tuition must be paid in full at the time of enrollment in order for the discount to apply. Tuition for a course under the Alumni Discount Program will not be applied to any other payment plan.

Sixty-Plus Program
This program offers the opportunity for persons 60 years old or older to take undergraduate courses at a discounted tuition rate on a space available basis. The program offers credit options. Tuition and fees, and enrollment procedures can be found online at the Rockhurst University web site, www.rockhurst.edu. See also Non-Credit Enrollment Option below.

Sixty-Plus Credit Enrollment
Students must complete an application for admission. Regular Rockhurst admission policies are in effect and allow for:

1. Admission into an “unclassified” category in which the student can accumulate 18 semester hours before a full admissions evaluation is required.
2. Admission into a degree-seeking category that requires a full credentials review.

Refunds for course withdrawals will be calculated according to the schedule published on-line at the Rockhurst University web site, www.rockhurst.edu. For more information, please call the School of Graduate and Professional Studies at (816) 501-4767.
Non-Credit Enrollment Option

Rockhurst University offers a non-credit enrollment option that allows individuals over the age of 18 to participate in select undergraduate or graduate course offerings on a non-credit basis at a tuition rate of $130 per semester hour. Students participating in this program should contact the School of Graduate and Professional Studies in Van Ackeren Hall, Room 300, or call (816) 501-4767 to register.

Individuals selecting the non-credit enrollment option will be required to file a form in the School of Graduate and Professional Studies indicating their understanding that the course is not for credit, that no academic record will be maintained in regards to their participation, and that they will be allowed to participate on a space-available basis. Final confirmation of one’s ability to participate may not occur until the start of classes. Please note that it is not possible to change from a non-credit to a credit status after registration. Since the University will not maintain an academic record for students enrolled in the non-credit option, formal processing of withdrawals is not required. Out of courtesy, however, students should notify the instructor and the School of Graduate and Professional Studies of his or her intent to withdraw. Students enrolled in the non-credit option will receive a full refund if they contact the School of Graduate and Professional Studies indicating their desire to withdraw from a course by the full refund date as published online at the Rockhurst University website, www.rockhurst.edu, but will receive no refund thereafter.

The School of Graduate and Professional Studies will complete the registration process. Students participating in the non-credit enrollment option for undergraduate courses are not subject to any University admission criteria, including completing an Application for Admission. Individuals participating in the non-credit enrollment option for graduate courses may be required to present documentation that they have completed appropriate prerequisite work. The appropriate Dean’s Office will be responsible for assessing materials related to graduate courses.

The University reserves the right to restrict courses offered as a non-credit option. Requirements for class participation are the prerogative of the individual faculty member.

Refund Policy

Refunds and Reduction in Charges

If a student withdraws or is dismissed from the University during the first week of a semester, the student will be eligible for refund of total tuition and fees paid. Resident students will receive a pro rata refund of the total amount of room and board paid if they withdraw or are dismissed during the first week of scheduled instruction. Students who withdraw or are dismissed after the end of the first week of scheduled instruction are eligible for refunds and/or reduction in charges in accordance with the Tuition Refund Schedule published for that semester on-line at the Rockhurst University website www.rockhurst.edu. Students should note that, depending on the amount of money paid to the University before classes begin, withdrawal or dismissal may or may not result in an actual refund of money to the student. Circumstances may occur in which the student still owes money to the University even after appropriate reduction in tuition, fees and/or room charges.

Beginning with the second scheduled week of instruction, resident students who withdraw or are dismissed will receive a pro rata reduction in room charges for each full week not in residence as a result of withdrawal or dismissal. Students who withdraw or are dismissed after the twelfth scheduled week of instruction are not eligible for a reduction.
No refunds, either for withdrawal from single classes or for complete withdrawal from the University, are made unless the student has officially withdrawn from the University. See “Changing Enrollment” in the Enrollment Policies section of the catalog or on the Rockhurst University website www.rockhurst.edu.

Return of Federal Funds
The return of federal funds formula provides for a return of Title IV aid if the student received federal financial assistance and withdrew on or before completing 60% of the semester/term. Funds are returned as follows:

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Federal Perkins Loan
4. Federal PLUS Loan
5. Federal Pell Grant
6. Federal Supplemental Educational Opportunity Grant (FSEOG)
7. Other Title IV Funds
8. Other federal, state, private, or institutional sources of aid
9. The student

If funds were released to a student because of a credit balance on the student’s account, then the student may be required to repay some of the federal grants or loans released to the student.

Students receiving federal financial aid who withdraw from anything less than 100 percent of their courses will have tuition refunded using the schedule below. All other students not receiving federal financial aid who withdraw from one or all of their courses (both officially and administratively), will also have tuition refunded according to the schedule below.

Refunds for First-time Rockhurst Students
First-time students to Rockhurst University, either freshmen or transfers, processing a complete withdrawal from the University will follow Federal pro-rata refund procedures which provide for adjustments up through the first 60 percent of the term as calculated by weeks. After the 60 percent period there will be no reduction of the original charges and they are due and payable in full. The calculation is made using weeks remaining divided by the total number of weeks in the term and rounding the result downward to the nearest whole 10 percent. A comparison will be done with the refund a student would receive from the policy for continuing students. The policy that is most advantageous to the student will be used.
**Refunds for All Other Students**

Students will receive the following refund if proper written withdrawal is made before the following weeks:

<table>
<thead>
<tr>
<th>% Refund of total charges</th>
<th>(tuition, charges, room)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The end of the first week of classes</td>
<td>100%</td>
</tr>
<tr>
<td>2nd week</td>
<td>75%</td>
</tr>
<tr>
<td>3rd week</td>
<td>50%</td>
</tr>
<tr>
<td>4th week</td>
<td>25%</td>
</tr>
<tr>
<td>5th week and thereafter</td>
<td>balance due is payable in full. 0%</td>
</tr>
</tbody>
</table>

Students enrolled in accelerated sessions who properly withdraw in writing are eligible for refunds within the first two weeks of each session.

For more information and specific refund deadlines, see Tuition and Fees on the Rockhurst University website [www.rockhurst.edu](http://www.rockhurst.edu).

Students with financial assistance awards who withdraw will have financial assistance refunded in compliance with federal regulations as stated in the Federal Register. Rockhurst University distributes funds back to federal programs in the following order:

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Federal Perkins Loan
4. Federal PLUS Loan
5. Federal Pell Grants
6. Federal Supplemental Educational Opportunity Grants (FSEOG)
7. Other Title IV Funds

Institutional awards are redistributed after the federal programs.

The University will not refund credit balances created by a Missouri Grant award until the actual funds are received from the State.

The University's refund policies may change from time to time to comply with applicable law. Changes in the University's refund policies will be posted on the Rockhurst University Web site, [www.rockhurst.edu](http://www.rockhurst.edu). Questions of payment or refund policy involving unusual circumstances should be addressed to the chairperson of the Withdrawal/Appeals Committee.

**Meal Plan Refunds**

Refunds are based on the unused portion of the a-la-carte meal plan less a 15% calculation charge.
UNDERGRADUATE FINANCIAL AID PROGRAMS AND POLICIES

While the primary responsibility for financing a college education rests with the student and his or her family, Rockhurst University has designed a financial assistance program for students who would be unable to attend without such aid. Awards are also made in recognition of academic achievements and the particular talents or ability of the student applicant. Financial aid programs and policies are established by the President of the University upon recommendation from the Admissions and Financial Aid Committee. The Director of Financial Aid is responsible for coordination of the total financial aid programs.

Financial assistance is awarded to supplement the family’s contribution when family funds are not sufficient to cover educational costs. The University attempts to meet a student’s established financial need through a combination of gift aid (scholarships and grants), and self-help (loans and employment). For new students, funding preference is given to full-time students who complete the application process by March 1 prior to the award year.

Determination of Need-Based Financial Aid Eligibility
Rockhurst University utilizes the need analysis information from the Free Application for Federal Student Aid (FAFSA) to establish financial need. All students applying for financial aid based on need must complete the FAFSA need analysis form each year and designate Rockhurst University to receive the processed application. Need is determined by subtracting the family (student and parent) contribution as calculated on the FAFSA from the cost of education. The cost of education includes tuition, room and board and allowances for books, transportation, personal expenses and loan fees. The student’s need for assistance can be met with grants, scholarships, loans or employment, either singly or in combination.

Eligibility for University Scholarships & Grants
The following assumptions apply to Rockhurst University scholarships and grant awards:

1. College aid awards are available to full-time students only (enrolled in at least 12 credit hours per semester) who are in good academic standing. Students receiving athletic scholarship in the last semester and who are eligible for graduation may apply for an exemption to full-time status. Appeals are directed to the Director of Financial Aid. To qualify for federal aid, a student must be registered as at least a half-time student. Institutional aid is available to day students only. Students should be degree seeking or certificate seeking. Adjustments in aid resulting from enrollment changes will not be made past the first two weeks of school in conjunction with the university’s policy of charge adjustments.

2. Students who have earned a bachelor's degree are not eligible for college scholarships and grants.

3. Scholarship amounts are locked in at the time of enrollment, subject to renewability criteria.

4. Scholarship renewal is determined at the end of each academic year. Students enrolled in summer school have their renewal grade point average (GPA) com-
muted following the summer session. Scholarships can be renewed, but not lost because of summer school.

5. Students applying for renewal of either need or no-need college aid must reapply each year.

6. University funds are available for only four years or eight semesters, except nursing students who receive funding from Research College of Nursing during their junior and senior years, and students receiving athletic scholarships (maximum of 10 semesters). Transfer students will have aid eligibility determined by taking the eight semesters eligibility and subtracting the number of semester hours transferred from the prior school divided by 15. Transfer students will be advised individually regarding their remaining aid eligibility.

7. Students who have previously attended Rockhurst University, and who are readmitted or return following a leave of absence, will be classified as a transfer student for the purpose of scholarship eligibility if they have earned more than 12 hours since their last term of attendance at Rockhurst University. Students who have earned 12 or fewer hours since their last term of attendance reenter under the criteria of any academic scholarship that they previously received, subject to available funding.

8. The maximum gift aid award will not exceed the total tuition (12-18 hours), room and board for students receiving need-based financial assistance, and residing either on campus or off campus. Federal, state and other rules (such as athletic conference) may also apply. For all other students, the maximum gift aid award will not exceed tuition (12-18 hours). Any combination of college grants and scholarships will not exceed tuition. Refer to the Residence Life section in this catalog and “Room and Board Plans” on the Rockhurst University website, www.rockhurst.edu for additional information.

9. Residence Hall Grants: Students receiving a Resident Hall grant are expected to live in one of our three traditional halls (does not pay for students to live in Townhouse Village or a theme house) and maintain satisfactory academic progress. The grant will only cover up to a double room rate and students receiving the grant must purchase a meal plan every semester. Student’s grants are reviewed annually and are contingent on available space and student’s discipline record. If a student is on disciplinary probation or has ongoing behavioral issues which are disruptive to the Rockhurst community, their grant will not be continued for subsequent years. Students receiving other institutional housing compensation will not receive the Residence Hall grant, as their institutional aid cannot exceed the cost of housing. Refer to the Residence Life section in this catalog and “Room and Board Plans” on the Rockhurst University website, www.rockhurst.edu for additional information.

10. Federal Stafford loan eligibility is established by filing the FAFSA each year. Loan amounts are determined by class standing at the time of initial enrollment.

   a. 0-29 hours earned $2,625
   b. 30-59 hours earned $3,500
   c. 60+ hours earned $5,500
   d. Graduate $18,500

11. The Financial Aid Office is the only office at Rockhurst University authorized to offer financial aid to students. Only awards originating from this office will
constitute a commitment on behalf of the university. Recommendations for scholarships can be made by faculty or staff, and these recommendations are considered before the award is sent.

**Institutional Financial Aid**

Institutionally funded financial aid is an investment in a student. Should the university determine that a student is not living up to the Code of Conduct, it may revoke institutionally funded financial aid. Revocation of institutionally funded aid is generally imposed in relation to disciplinary probation or more restrictive sanctions for serious offenses under the Code of Conduct. Normally revocation of institutionally funded financial aid applies to the subsequent semester, however, each circumstance will be determined individually. A student may apply to the Associate Vice President for Student Development for reinstatement of institutional financial aid after successful completion of the revocation period and full compliance with all related sanctions. Refer to “Student Responsibilities & Community Standards of Behavior” in the College Life section of this catalog.

**Nursing Students**

Freshman and sophomore nursing students apply to and receive financial assistance from Rockhurst University. Rockhurst scholarships do not renew for the junior and senior years. Junior, senior and Research College of Nursing students apply to and receive financial assistance from Research College of Nursing. More information is available in the Research College of Nursing Catalog.

**Coordination of Financial Aid**

Any financial aid awarded is subject to review in light of assistance received from outside organizations or agencies. Funds received from outside sources that exceed the limits of gift and need based aid will be coordinated to first reduce the loans and/or work funds and then college/grant scholarships. Each award will be evaluated and adjustments made within university and program guidelines.

**Financial Aid for Study in Off-Campus Programs**

A student eligible to receive aid from Rockhurst University may continue to receive aid, if eligible, for approved off-campus study, such as internship. The students must be enrolled for credit at Rockhurst University in order to receive assistance. In no case will aid be greater than aid awarded for equivalent on-campus course credit.

**Standards of Satisfactory Academic Progress to Maintain Financial Aid Eligibility**

Financial aid from any sources is provided for only one academic year at a time. Aid sources will provide aid to full-time students for only two semesters as a freshman, two semesters as a sophomore, two semesters as a junior and two semesters as a senior. Financial aid can be renewed each year provided the student remains in good academic standing, shows financial need on the FAFSA or demonstrates continued talent or academic achievement as stipulated in the original entering award.

A degree-seeking student at Rockhurst University is considered to be in good academic standing if he or she completes a reasonable number of credit hours toward a degree
each academic year and maintains the minimum cumulative GPA for good standing as shown below. The minimum cumulative grade point averages required for good standing are as follows:

- At end of Academic Year 1: 32 credits earned, Sophomore 2.0 cum. GPA
- At end of Academic Year 2: 64 credits earned, Junior 2.0 cum. GPA
- At end of Academic Year 3: 96 credits earned, Senior 2.0 cum. GPA
- At end of Academic Year 4: 128 credits earned, Senior 2.0 cum. GPA

Note: Students must complete at least 30 hours per year in order to advance to the next student level and earn additional loan eligibility. In order to complete the 128 hours required for an undergraduate degree in four years, a student should take a minimum of 16 hours per regular semester, 32 hours annually.

A full-time eligible student is expected to complete a degree in four academic years. Full-time students (enrolled in 12 or more semester hours) must earn a minimum of 24 semester hours per academic year. Graduate and part-time students must complete 80% of all hours attempted.

Transfer students must comply with the Rockhurst standards for satisfactory academic progress in credit hours and GPA and then reviewed each semester thereafter. Transfer hours will be included in the number of hours completed. Students readmitted to Rockhurst University or returning from a leave of absence are subject to any academic progress requirements in force at the time of their last enrollment at the university. The following are not considered as credits successfully completed: “F” grades, “I” incompletes, “W” withdrawals and “AU” audits. In the case of repeated courses, the course will be counted only the last time attempted. However, all students are required to be in good standing and earn a minimum of 48 semester hours by the end of the second academic year to retain eligibility for financial aid. In no case will federal financial aid eligibility be extended to any student who is enrolled beyond 150% of the published length of the program study.

Each student’s progress will be reviewed at the end of each academic year to determine satisfactory academic progress. Students not meeting the standard for a particular term will be placed on financial aid warning, will receive a one-semester financial aid award, and will be notified in writing by the Director of Financial Aid. Students on financial aid warning who fail to meet the standard by the end of the next semester will be placed on financial aid suspension until all academic progress requirements are met. No institutional, state, or federal financial assistance eligibility can be certified until academic deficiencies are satisfied. Students have a one-semester grace period to make up academic deficiencies.

A student whose federal or college aid is terminated due to failure to comply with this policy may appeal the aid termination to the Admissions and Financial Aid Committee. Appeals must be submitted in writing to the Director of Financial Aid explaining any mitigating circumstances that caused the student’s academic progress to be less than the requirements, supported with documentation. The Admissions and Financial Aid Committee will inform the student of their decision concerning the appeal within 30 working days after receipt of the appeal. Decisions of the Financial Aid Office are final.

Once financial aid eligibility has been terminated due to lack of satisfactory academic progress, the student must make up all deficiencies in cumulative grades and/or credit hours earned for his or her academic level before financial aid eligibility will be reinstated.
Payment of Awards
In most cases, one-half of the aid award is applied to the student’s account for each semester. The billing statement from the university’s Business Office will reflect the student’s charges and financial aid. Earnings from campus employment are not credited toward that balance due, but are paid to the student as earned.

The university may terminate Federal Work Study employment at any time for failure to perform duties satisfactorily; the university is released from its obligation to find replacement employment. Work assignments terminated for this reason will not be replaced with any other form of financial aid funds. Termination of employment may jeopardize future campus employment opportunities, as the number of campus jobs available is limited.

Withdrawals and Refund
Students who withdraw prior to completion of a semester are subject to the University’s policy concerning withdrawals and refunds. See “Refund Policy” in the Tuition and Fees section of this catalog. To secure a refund, students must complete the withdrawal process prescribed by the university. See “Changing Enrollment” in the Enrollment Policies section of this catalog. For students receiving financial aid, the refund will first be repaid to the Title IV programs, state grants and institutional funds in accordance with existing federal regulations and institutional policy in effect on the date of withdrawal with respect to the various types of aid. If any additional refund is appropriate, the funds will be repaid to the student. Under no circumstances will a refund of institutional dollars be made. It is possible that students who withdraw will still have an outstanding balance due to the university that must be paid.

Return of Title IV Aid
The federal student financial aid refund and repayment requirements do not apply to a student who withdraws from some classes, but continues to be enrolled in other classes; they only apply when the student (1) fails to attend classes for the period of enrollment for which he or she was charged, or (2) withdraws, drops out, takes an unapproved leave of absence, fails to return from an approved leave of absence, is expelled, or otherwise fails to complete the period of enrollment for which he or she is charged. These rules do not apply to students who have not received federal student financial aid funds for the enrollment period in question.

Refund
Refund is defined as the unearned amount of institutional charges that must be returned to the federal student financial aid accounts, other sources of aid, and the student, for a student who has received federal student financial aid and who has ceased to attend school. The earned aid is the difference between the amount paid towards institutional charges and the amount Rockhurst can retain.

Repayment
Repayment is the unearned amount of a direct disbursement to a student, who has ceased attendance, which must be paid back.

Overaward
If Rockhurst determines that a student received a disbursement of financial aid in excess of the living expenses that could have been reasonably incurred while still enrolled, then a
portion of the disbursement was not earned and must be repaid by the student to the student financial aid programs.

Federal Work Study funds are never included in the refund, repayment, or overaward determination process.

Refund and repayment amounts must be distributed according to the specific priority prescribed in the law and regulations:

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Federal Perkins Loan
4. Federal PLUS Loan
5. Federal Pell Grant
6. Federal Supplemental Educational Opportunity Grant (FSEOG)
7. Other Title IV Funds
8. Other federal, state, private, or institutional sources of aid.
9. The student

NOTE: If you owe a repayment, you will not be eligible to receive any federal financial aid at any school in the future until repayment has been made.

Repayments from student financial aid recipients must be distributed as follows:

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Federal Perkins Loan
4. Federal PLUS Loan
5. Federal Pell Grant
6. Federal Supplemental Educational Opportunity Grant (FSEOG)
7. Other Title IV Funds

Funds returned to any student financial aid program may not exceed those received from that program.

**Renewal and Adjustment of Aid**

Financial aid must be renewed each year. In addition to specific requirements of the federal financial aid programs, students must apply each year by submitting the Free Application for Federal Student Aid (FAFSA) or by notifying the Financial Aid Department that they do not intend to file the FAFSA. The aid processor makes Renewal FAFSA information available to all prior year applicants each year, or a blank FAFSA for the coming academic year can be obtained from the Financial Aid Office. The FAFSA should be filed as soon as possible after January 1, preferably when completed tax information for the preceding calendar year is available. Students may also apply online at www.fafsa.gov. The Financial Aid Office recommends filing the FAFSA electronically for the quickest response.

Priority awarding consideration is given to all aid applications completed no later than March 1 of the year prior to fall enrollment. Students may apply for financial assistance anytime during the academic year. A completed financial aid file consists of a valid FAFSA need analysis and all required verification documentation, if selected. In addition, the student must also be registered for classes.
Each student must be able to document the information submitted on the need analysis (FAFSA) with income tax forms and/or other data required by the university or federal government prior to the receipt of Federal Title IV financial aid (Federal Pell Grant, FSEOG, Federal Work Study, Federal Perkins Loan or FFELP Stafford Loan). Documentation requested must be provided to the Financial Aid Office prior to the end of the semester for which it is requested; any additional deadlines established by the U.S. Department of Education shall also apply. Failure to complete verification will result in the withdrawal of all need-based aid funds. Students whose application information must be corrected will be notified by the Financial Aid Office as to the corrections required.

Award adjustments may occur at any time during the year and result from such reasons as: adjustments to the financial need calculations due to a change in the family's financial condition, errors by the family or university, additional funds available for award or reduction in funds from outside sources.

The Financial Aid Office will review a student’s expected family contribution (EFC) if the student and/or family experience a significant change in their financial circumstances. An increase in need will not necessarily result in an increase in the financial aid award. Such adjustments depend upon funds available at the time the request for review is made. Therefore, notification of change in financial circumstances should be made as soon as they occur.

**Right to Appeal**

All students have the right to appeal or reject any aid awarded by the university and to appeal any award decisions to the Admissions and Financial Aid Committee. Appeal of the financial aid award must be submitted in writing to the Director of Financial Aid. The Admissions and Financial Aid Committee will inform the student of their decision concerning the appeal within a reasonable time following its receipt. Send appeals to:

**Director of Financial Aid**  
Financial Aid Office  
Rockhurst University  
1100 Rockhurst Road  
Kansas City, MO 64110-2561

**Federal and State Aid Programs**

With the exception of the FFELP PLUS Loan, eligibility for the following programs is determined by the filing of the FAFSA need analysis on a yearly basis.

**Federal Programs**

- **Federal Pell Grant**: Awards may range up to $4050 based on need and federal funding.
- **Federal Supplemental Educational Opportunity Grant (FSEOG)**: Awards are given to undergraduate students with exceptional financial need based on availability of federal funding. FAFSA must be received by March 1 of each year for consideration. Preference is given to full-time students.
- **Federal Work Study**: Campus employment opportunities are provided for many students who work approximately 8-10 hours per week and earn minimum wage: limited availability. FAFSA must be received by March 1 of each year for consideration.
- **Federal Perkins Loan**: Annual loans of up to $2250 may be made based on need and availability of funding. Repayment begins 9 months after enrollment ceases at 5% interest.
FAFSA must be received by March 1 of each year for consideration. Available to undergraduate and graduate students. Funding is limited. Preference is given to full-time students.

- **FFELP Stafford Loan (Subsidized and/or Unsubsidized):** Low interest loans are available to undergraduate and graduate students. Students may qualify for either a subsidized Stafford Loan (interest does not accrue until after graduation) or an unsubsidized Stafford Loan (interest begins accruing immediately). The federal government, for both subsidized and unsubsidized loans, retains an origination fee, deducted proportionately from each disbursement. Interest rates on these loans are variable based on the 91-day Treasury bill, but not higher than 8.25%. Interest rates are set July 1 for the upcoming school year. Loan amounts vary dependent upon class standing, the level of demonstrated financial need and previous loan history. Freshman, 0-29 hours, $2,625; Sophomore, 30-59 hours, $3,500; Junior/Senior, 60+ hours, $5,500; Graduate $18,500. A minimum of half-time status is required for eligibility.

- **FFELP PLUS Loan:** These loans are available to parents with good credit histories for educational costs not met by other financial aid and are not need-based. The federal government retains an origination fee deducted proportionately from each disbursement. Repayment begins 60 days after the final disbursement; the interest rate is variable, capped by 9.0%. Interest rates are set July 1 for the upcoming school year. No FAFSA needs to be filed.

**State Programs**

- **Charles B. Gallagher State Grant Program:** (Formally known as the Missouri State Grant.) Awards of $1500 are given to Missouri residents based on need and state funding. Theology/Divinity majors are not eligible. FAFSA must be received by April 1 of each year for consideration.

- **Missouri Higher Education Academic Scholarship (Bright Flight):** Annual award of $2,000 for Missouri undergraduate students scoring in the top 3% of Missouri high school students taking the ACT or SAT. Applications for Bright Flight are available from the high school guidance counselor. Scholarship renewable with full-time enrollment and cumulative GPA of 2.0. Application deadline is June 1.

- **Missouri Teacher Education Scholarship:** $1,000 for Missouri undergraduate students who rank in the top 15% of their high school class and plan to major in teacher education are eligible. Applications are available from the high school or state. Not renewable. Application deadline is March 1.

- **Robert C. Byrd Honors:** $1,500 for first-time freshmen who score in the 90th percentile on the ACT/SAT and rank in the top 10% of their high school graduating class. Applications available from the high school. Students must be enrolled full time. Not renewable. Application deadline varies by state.

- **Missouri Marguerite-Ross Barnett Scholarship:** Amount varies. Awarded to Missouri residents enrolled part-time who are employed and are compensated for a minimum of 20 hours per week. Applications are available from the Missouri Coordinating Board of Higher Education, (314) 751-6635.
• **Missouri College Guarantee Program**: Awarded to Missouri residents who demonstrate financial need as well as high school academic achievement. Students must have a high school GPA of 2.5 on a 4.0 scale, score 20 or higher on the ACT, enroll full-time, and complete the Free Application for Federal Student Aid (FAFSA) by April 1 for consideration.

**University Aid Programs**

• **Academic Scholarships**: Academic scholarships ranging in value from $4000 to full tuition are awarded on the basis of GPA, test scores, class rank and in some cases the student’s demonstration of leadership or outstanding community service. Academic scholarships are renewable based on specific GPA requirements for each. See the Financial Aid Office for current scholarships and corresponding deadlines.

• **Talent Scholarships**: These are available in the areas of fine arts, forensics and athletics and awarded based on auditions, interviews and recommendations from the sponsoring talent area. Awards are renewable based on ability and participation as determined by the designated faculty in the College of Arts & Sciences and maintenance of a cumulative GPA of 2.0 at the end of each academic year.

• **College Grants**: Grants that vary in value are available based on need or other specific criteria. Special grants awarded include dependent sons and daughters of Rockhurst alumni and/or families that have two or more undergraduates enrolled simultaneously at Rockhurst University. Also available are Endowed Scholarships funded by the interest earned on the University’s endowment accounts. Restrictions apply on these scholarships as specified by the donors.

• **College Employment**: In addition to Federal Work Study, Rockhurst provides institutionally funded work opportunities on campus. Students in the campus employment program work approximately 8-10 hour per week and earn minimum wage; availability is limited.

**Employment Opportunities**

The Office of Career Services assists all students and alumni in defining their talents and interests, identifying career goals and exploring career opportunities. Professional staff is available to meet one-on-one to refine the tools used during the application process and discuss students’ career search strategies.

Hiring for on-campus University Work-Study positions is coordinated by Career Services, with eligibility for employment determined by the Financial Aid Office. Students who do not qualify for the University Work-Study Program can also seek local part-time positions through Career Services.

The Cooperative Education Program offers undergraduate students the opportunity to gain practical work experience within their field of study while getting paid and gaining academic credit. For more information, contact the Co-op Program Coordinator in Career Services.

**Important Information**

The information contained in the Financial Aid section of the catalog is provided for information purposes only and is not a contract or an offer to contract. Rockhurst University reserves the right to change the information or conditions contained herein without prior notice.
UNDERGRADUATE ACADEMIC POLICIES

Academic Advising of the Undergraduate
For a Rockhurst University student, nothing is more important than selecting the appropriate degree program and following an effective plan of study. Academic advising is the process by which students explore and learn about academic career options and university policies and procedures. This critical part of the college experience is often taken for granted by the entering student, as it is uncharted territory. Choosing the right program should be the result of critical evaluation of a student’s talent, interest, and aspirations. An academic advisor is someone with whom a student can talk about making important decisions and getting through college successfully. At Rockhurst University, teaching faculty serve as academic advisors. That means each student will sit down with a faculty mentor to discuss life goals, academic and career goals, and how to go about reaching those goals.

It is the responsibility of every student to plan his or her own education with the assistance of an academic advisor. Students are expected to prepare for meetings with their advisor by reading appropriate sections of this catalog, looking through the course schedule, and bringing any helpful paperwork—transcripts, worksheets, etc. It is not an advisor’s responsibility to simply make out a schedule for their advisees. Rather, advisors help students learn to take responsibility for their academic decisions by providing appropriate and accurate information regarding degree completion. The goal of the academic advisor is to help students make their own, good decisions. Students are encouraged to meet with their advisor on a regular basis to evaluate their progress and plan subsequent semesters. The following list illustrates some specific ways that advisors help their advisees:

- Explain degree requirements
- Select appropriate courses
- Point out important deadlines
- Explain how and when to declare a major
- Review grade reports
- Make referrals to other student services offered by Rockhurst University
- Suggest service and leadership opportunities

Many students underestimate the time and effort required of them to effectively learn the mechanics of completing a college degree. Sometimes called the “hidden curriculum,” the process of getting through college offers a valuable lesson. The students who shy away from the responsibility of planning their own education are less prepared to deal with “real world” experiences after college. By working with an academic advisor, each Rockhurst University student has the support to meet this new challenge.

Academic advising of students is under the general supervision of the respective dean’s office. There are also designated supplementary advisors for students preparing for professions such as dentistry, engineering, law and medicine.
Advisor Assignment
Academic advisors are assigned by the Director of Advising as students enter the University. Generally, students change their advisor only when they declare or change a major, although there may be other circumstances that warrant a change. Department chairs assign major and minor advisors. Students pursuing more than one major or minor will be assigned an advisor from each department and should consult with each advisor to plan a program of study.

Academic Credits
Credit earned at Rockhurst University is in semester hours in all sessions. Rockhurst University awards both undergraduate- and graduate-level credit. The unit of credit is the semester hour. Each semester hour represents the equivalent of one class period of 50 minutes in length per week for 14 weeks of instruction, plus one exam week. Sessions varying in length satisfy equivalent standards.

Academic Year
The Rockhurst University academic year is divided into two semesters, Fall and Spring, of approximately 15 weeks each, and Summer semesters variable in length. Semester-length as well as accelerated sessions are offered during the Fall, Spring, and Summer semesters.

Enrollment Status and Normal Study Load
Full-time status as an undergraduate student at Rockhurst University is defined as a minimum enrollment of 12 semester hours during a regular Fall, Spring, or Summer semester. An undergraduate student is considered to be attending full time if the minimum 12 semester hours is taken over the course of multiple sessions within a regular semester. Half-time status as an undergraduate student is enrollment in six to eleven semester hours during a regular Fall, Spring, or Summer semester. Undergraduate enrollment status is considered to be less than half time if the student is enrolled in less than six semester hours during a regular Fall, Spring, or Summer semester.

Although the minimum number of semester hours for undergraduate full-time status is 12, the normal study load for full-time students is 15 to 18 semester hours per semester, varying with the student’s curriculum and scholarship record. In order to graduate in four years, a student must average 16 semester hours each Fall and Spring semester. Study load is different from Financial Aid Satisfactory Academic Progress. See the Financial Aid section of this catalog for more information.

No student may register for more than 18 semester hours without permission of the appropriate dean. Permission to register for more than 18 semester hours normally will not be granted to a student whose quality point average is below B (3.0).

Course Policies
Course Numbering System
Courses are identified by a title and a designation. The title is usually self-explanatory. The first two letters of the designation indicate the discipline or program in which the course is offered. The first number approximates the course’s level. Undergraduate courses are numbered from 0100 to 4999. Courses numbered from 0100 to 0999 are remedial in nature. These courses count toward graduation hours, but may or may not fulfill specific requirements. Courses numbered from 1000 to 1999 are lower-division courses intended primar-
ily for students in their first year of post-secondary work and are generally basic or introductory. Courses numbered from 2000 to 2999 are lower-division courses but may indicate a somewhat greater degree of academic achievement as found at the sophomore level. They are intended primarily for sophomore students. Courses numbered from 3000 to 3999 are more advanced upper-division offerings and are intended primarily for junior students. Courses numbered from 4000 to 4999 are also more advanced upper-division offerings and are intended primarily for senior students. Courses numbered 5000 and above are graduate-level courses.

In this catalog, departments, programs and course descriptions are listed alphabetically within the section for each school or college. The number in parentheses following the course number and title indicates the semester credit hours that the course usually carries.

Cross-listed courses are those courses taught at the same time in the same classroom and listed by more than one department, for example Global Studies and Political Science GS 3300 (PS 3300). Students should enroll for courses with the designations for which they wish to earn credit. See below for additional information on courses co-listed for both graduate and undergraduate credit.

Note that in the undergraduate programs, course numbers ending in -940, -960, -970-979, and -990 have been assigned specific uses across all departments and programs for upper-division (3000- and 4000-level) courses. General descriptions for these course numbers are given here. Some specific applications are provided within individual department or program course listings.

Students wishing to enroll in courses with the designations indicated in the following listing should confer with their advisor at the time of pre-registration and initiate the required paperwork.

**XX _940. Senior Capstone.** Independent and collaborative research into major focus area; written/oral/artistic presentations required to demonstrate mastery of major area of study. Required to fulfill major.

**XX _960 Seminar.** A course for upper-level students in a department which involves significant individual study or research by each student leading to the presentation of the work. Various department restrictions may be applied (senior status, majors only, specific prerequisites, etc.) If the seminar has a common theme required of all participants, such theme may be reflected in the title, but is not required. Thus, a seminar in which all participants present a paper on a topic concerned with ecology may be listed on the transcript as: BL 3960 Seminar: Ecology. A seminar in which students may freely elect a topic would be listed simply as: BL 3960 Seminar.

**XX _970-979. Practicum or Internship.** Used to designate those courses with substantial experiential component, generally under the direct supervision of a member of the department faculty. Responsibility for assessment and grading rests with the supervising faculty member even though recommendation of any cooperating agency or company may be relied upon substantially in making the assessment. On the transcript the course may be titled to designate the nature of the practicum experience. Department and instructor approval required. *An approved internship study form must be on file in the Registrar's Office prior to (or concurrent with) enrollment in this course option.*

**XX _990 Independent Study or Research.** Guided study or research on some aspect of the field generally culminating in preparation of a major essay or report. Various department restrictions may be applied. Department, instructor, and Dean's approval required.
The transcript will reflect the topic of the research or study. For example: SO 3990 Neighborhood Organizations. Students can request independent studies with the approval of the department chair. *An approved independent study form must be on file in the Registrar’s Office prior to (or concurrent with) enrollment in this course option.*

**XX_xxxxR Readings.** “R” at the end of the course number designates enrollment for a standard course listed by a department, but taught on individual arrangement during an academic period when the course is not available in the regular schedule; the readings course follows the syllabus of the regular course. *Departmental approval and approval of the instructor is required and an approval form must be on file in the Registrar’s Office prior to (or concurrent with) enrollment in this course option.* On the student permanent record (transcript), the standard course number will be listed with an “R” at the end. The standard title will remain the same.

**XX_xxxxS Special Topics.** “S” at the end of the course number designates new or occasional courses which may or may not become part of the department’s permanent offerings; courses capitalizing on a timely topic, a faculty member’s particular interest, an experimental alternative to existing courses, etc. Prerequisites are established by the department as appropriate for the specific course. The course title will be shown on the student transcript.

**Corequisite, Prerequisite, and Concurrent Courses**
Courses listed in the catalog which are required to be taken prior to enrollment in other courses are referred to as *prerequisite*. Courses required to be taken during the same semester are *corequisite*. Courses which may be taken optionally during the same semester are considered *concurrent*.

**Courses Listed for Both Graduate and Undergraduate Credit**
Courses co-listed as both undergraduate and graduate courses:
- are listed as 4000- and 6000-level courses respectively;
- require that those students taking the course for graduate credit complete additional work at an accelerated level appropriate for graduate credit; and that the additional work required for graduate credit is reflected in the course syllabus.

A maximum of eight (8) hours of courses co-listed as both graduate and undergraduate, but taken as graduate credit, can be accepted toward a graduate degree at Rockhurst University.

Undergraduate students enrolled in such co-listed courses (whether for graduate or undergraduate credit) pay undergraduate tuition rates; graduate students pay graduate tuition rates for such courses.

**Undergraduates Taking Graduate Courses for Undergraduate Credit:** Graduate course offerings (courses numbered 5000 and above) may be taken for undergraduate credit only with the approval of the instructor of the course and the concurrence of the appropriate dean.

**Undergraduates Taking Graduate Courses for Graduate Credit:** Undergraduate students who meet the following criteria may take up to nine (9) credit hours of 6000-, 7000-, or 8000-level graduate courses for graduate credit at Rockhurst University.
The student should:

- be of senior standing, and
- have a GPA of 3.0 or better, and
- have approval from the instructor of the course, and
- have approval from the appropriate Dean or his or her designee.

Courses taken for graduate credit at Rockhurst University as an undergraduate student can count either toward the undergraduate degree or toward the graduate degree, but cannot count toward both degrees. Upon enrolling in the course, the student must identify whether the course credit hours should count toward the undergraduate or graduate degree. This decision cannot be reversed at a later date. Undergraduate students enrolling in courses for graduate credit will pay undergraduate tuition rates for such courses.

Credit for Non-Traditional Work

Advanced Placement Tests
Rockhurst grants advanced placement and/or credit to high school graduates who have proved their competence by their scores on the Advanced Placement Tests administered by the College Entrance Examination board. Scores of 4 or 5 may result in the granting of college credit and a score of 3 will allow consideration of advanced placement in the subject. A student wishing to have Advanced Placement Test results evaluated for credit should submit official score reports to the Office of the Registrar if not previously submitted to Admissions. (See “Note.”) See also “Placement and Course Equivalencies for Advanced Placement Tests” on the Rockhurst University website.

Dual Credit
Students who were jointly enrolled in college courses (from regionally accredited institutions) while attending high school may receive college credit provided the work falls within the Rockhurst curriculum guidelines. There is no limit on the number of dual credit hours which may be counted toward the 128-hour graduation requirement for the undergraduate degree. There is no limit on the number of dual credit hours which may be earned through the Rockhurst University Advanced College Credit Program (ACCP). However, a student may earn no more than 11 hours of ACCP credit in any given semester from Rockhurst University. Official college transcripts should be submitted with the application for admission for evaluation of this credit. There is not limit on the number of hours accepted toward the degree for college credits earned during high school if taken from regionally accredited institutions.

International Baccalaureate Credit
Rockhurst University recognizes the rigorous course of studies undertaken by high school students enrolled in approved International Baccalaureate programs. Therefore, high school students enrolled in higher-level International Baccalaureate courses are entitled to consideration for the granting of college credit for these courses. A score of 5 to 7 on the higher-level examinations will result in the granting of college credit equivalent to the lower division courses published in this catalog. A score of 4 will allow the student consideration for advanced placement in a given subject, but will not warrant the granting of college credit. A student wishing to have International Baccalaureate test results evaluated for credit should submit official score reports to the Office of the Registrar if not previously submitted to Admissions. (See “Note.”) See also “Placement and Course Equivalencies for International Baccalaureate Examinations” on the Rockhurst University website.
Undergraduate Programs

College Level Examinations
Rockhurst University enables students who have had advanced courses in high school and have done well in them to proceed at a faster pace in college and to take advanced work more quickly. For this purpose, those who wish may take Subject Level Examinations in various areas of the College Level Examination Program (CLEP) administered at centers throughout the United States during the year. General CLEP Examinations are not accepted. A student wishing to have CLEP test results evaluated for credit should contact the Educational Testing Service for official score reports and submit them to the Rockhurst University Office of the Registrar if not previously submitted to Admissions. (See “Note.”) See also “Placement and Course Equivalencies for College Level Placement Examination Program” on the Rockhurst University website.

Note: Students who achieve acceptable scores may be granted exemption from requirements and/or credits up to a maximum of 32 semester hours from Advanced Placement, International Baccalaureate, or CLEP. There is no limit on the number of hours accepted toward the degree for college credits earned during high school if taken from regionally accredited institutions.

Transfer Credit Policies
Rockhurst University accepts transfer credit under the following guidelines:

1. Institutions must be accredited by a higher education regional accrediting association.
2. A maximum of 64 hours can be transferred from two-year junior or community colleges.
3. Coursework must have a minimum grade of “C-” achieved in order to be accepted. Coursework accepted with a minimum grade of “C-” may not be used to satisfy upper-division major or minor requirements.
4. Coursework with a grade of Pass, Credit, or Satisfactory will be accepted only with documented evidence that such grades are at least equivalent to a minimum “C-” grade.
5. Credit hours, not grade points, are counted toward Rockhurst degree programs.
6. Practicum, cooperative education, field experience, internship, etc. are not accepted.
7. Correspondence work is accepted only under special circumstances, and with prior approval of the academic dean.
8. Transfer coursework attempted after enrolling at Rockhurst must be pre-approved in order to count toward the student’s Rockhurst degree program. Pre-Approval of Transfer Credit forms are available from the Registrar’s Office.

For institutional accreditation reasons, the University is required to have on file official transcripts from all institutions of higher education a degree-seeking student has attended, whether or not the credit is applied to their Rockhurst degree program.

If the student has fewer than 24 transfer credit hours, they must provide their official final high school transcript showing their graduation date or GED. If a student is seeking a certificate at Rockhurst, and they have received a degree from another university, they are required to provide only a transcript from that university. If they have not received a degree elsewhere, they must provide transcripts from all other colleges. If the certificate-seeking student has no college credit, they must provide their official final high school transcript showing their graduation date or GED.
Rockhurst University reserves the right to reject course work from institutions not accredited through North Central Association of Colleges and Schools or other accrediting associations as determined by the Registrar's Office. Such course work is not accepted for transfer or satisfaction of degree requirements at Rockhurst University.

**GRADE POLICIES**

**Undergraduate Grading System**

The University uses the following system of grading to designate a student’s scholarship rating as determined by the combined results of examinations and class work. The quality point value for each grade is also shown as follows:

- **A** 4.00 Indicates high achievement and an unusual degree of intellectual initiative.
- **A-** 3.67
- **B+** 3.33
- **B** 3.00 Denotes attainment well above the average.
- **B-** 2.67
- **C+** 2.33
- **C** 2.00 Denotes work of average attainment.
- **C-** 1.67 Denotes below average work. This grade does not satisfy any requirement which states that a C grade is a minimum, including the requirements for the completion of the major area.
- **D+** 1.33 Denotes work of inferior quality, but passing.
- **D** 1.00
- **F** 0.00 Denotes poor work, for which no credit will be given.
- **P** Pass. This grade will add credit but will not affect the grade-point average. (See Pass/No Pass Option.) Equivalent to a C grade or above.
- **NP** Not Passing. This grade will not add credit and will not affect the grade-point average. (See Pass/No Pass Option.)
- **I** Incomplete. A grade of “I” (Incomplete) may be assigned only for serious reasons by the course instructor. A grade of “I” must be removed within six weeks or it automatically becomes an “F”.
- **X** This means absence from final examination; may be assigned only when, for serious reasons and with the approval of the dean, an extension of time has been granted; must be removed within six weeks or automatically becomes an “F”.
- **W** Withdraw. This means the student was allowed to withdraw without penalty. Instructors cannot issue grades of “W” (withdraw).
- **WF** Withdraw fail. This means the student was failing at the time of withdrawal. “WF” does not add credit and will not affect the grade point average.
- **AU** Audit. Student enrolled on a non-credit basis. No grade or credit given.
Final Grades
It is the student’s responsibility to meet the requirements established for each course taken at Rockhurst University. It is the course instructor’s responsibility to establish course requirements for grades as part of the course syllabus and to evaluate students fairly according to the standards established. For more information, see Policy for Review of the Final Grade in Other Academic Policies.

Grade-Point Average
Grade-point averages at Rockhurst University are calculated on the basis of hours attempted and quality points earned. Courses taken on a pass/no pass basis are not computed in the grade point average. With the exception of graduation honors, the grade point average is calculated using Rockhurst University coursework only.

Viewing Grades
Currently-enrolled students may view their midterm and final session or semester grades on Oracleweb in a secure environment if they have obtained a Personal Identification Number (PIN) from Computer Services. Final grades are available for viewing after the close of the academic session or semester.

Midterm grades, issued for undergraduate students, are progress reports only and do not affect the student’s GPA. Undergraduate advisors may also view their advisee’s midterm grades on Oracleweb. Midterm grades provide an opportunity for students and advisors to discuss academic progress.

Incomplete Grade Policy
Students are encouraged to complete courses during the assigned semester. A grade of “I” (Incomplete) may be assigned only for serious reasons by the course instructor. Failure to complete course work within six weeks after the close of the semester will result in a grade of “F”. Any exceptions to this policy require approval of the appropriate Dean. The initiative in arranging for the removal of the “I” rests with the student. Instructors cannot issue grades of “W” (Withdrawal).

Changes of original grades must be made within six months of the assignment of the original grade and require the approval of the appropriate Dean.

Grade Requirements for Undergraduates
The standard denoting the minimum requirement for satisfactory academic progress is a grade-point average of 2.00.

Grade-point averages are computed on the basis of points earned and hours attempted. The quality point values assigned to each letter grade are shown in the section regarding the grading system.

A candidate for a degree must earn the required number of credit hours, attaining the minimum standard of a C (2.00) average. It should also be noted that a C grade (2.00) is required in EACH COURSE presented to satisfy the upper-division major, minor, and related area requirements. Grades of C- will not satisfy the requirement.

Failure in 40 percent of class work in any semester renders a student liable to dismissal for poor scholarship. Exception to this rule is made only for weighty reasons and with the approval of the Academic Board.

Academic Board
The Academic Board approves, for individual undergraduate students, exceptions to the curriculum which do not fall under the changes reserved for departments/programs. In
addition, the Academic Board reviews the academic record of each student whose grade point average falls below 2.00 either cumulatively or for the most recent term.

Without special approval by the Academic Board, no student will be eligible for academic reinstatement to the University whose cumulative grade point average is below C (2.00). After a third dismissal from the University, a student is not eligible for academic reinstatement.

**Probation**

An undergraduate student who falls below the published quality requirements of the University may be placed on academic probation by the Academic Board (see Grade Requirements for Undergraduates.) Probation normally indicates that the student is on trial for the period of one semester, and may be automatically dismissed if final grades for the semester are below C (2.00) average. In unusual cases a higher grade point average may be required, as specified by the dean or the Academic Board.

**Repeated Course**

A course may be repeated by a student, with the knowledge that all grades will be posted on the student’s permanent academic record, regardless of grade. Only the grade received in the most recent enrollment will be computed in a student’s quality points and grade point average and count toward their degree program. This formula only applies to those courses that are not designated as repeatable. Some courses are designated as repeatable and will count toward the student’s degree program and will be computed in their grade point average.

**Transcripts of Academic Records**

Students who wish to have a transcript of their Rockhurst academic record in order to transfer from Rockhurst to another college or for other purposes must make their request in writing, either in person, by mail, or by fax. The request should include the student's current name and name used while attending, if different; the student's social security number and date of birth (both optional), dates of attendance, current address and daytime telephone number, the number of transcripts and address(es) where transcript(s) should be mailed, and student's signature. Transcript request forms are available at www.rockhurst.edu/registrar. There is no charge for transcripts unless the request is made in person and an official transcript is needed immediately. The fee is $5.00 for immediate assistance. Requests by mail should be addressed to: Office of the Registrar, Rockhurst University, 1100 Rockhurst Road, Kansas City, Mo., 64110. Requests by fax can be sent to: (816) 501-4677. Transcripts may not be requested by telephone or email.

No transcript, official or unofficial, will be issued to or for a student or former student who is delinquent in financial or other obligations to the University. The transcript of the academic record will reflect all credit work attempted at Rockhurst University and transfer credit which has been accepted to fulfill Rockhurst degree requirements, however, the grade-point average reflects Rockhurst credit only. Currently-enrolled students may view their unofficial Rockhurst transcript on the Web in a secure environment if they have obtained a Personal Identification Number (PIN) from Computer Services.

**Undergraduate Academic Honors and Awards**

The University recognizes outstanding academic merit with a variety of awards and honors:

- **Dean’s Honor Roll.** At the end of each semester those full-time students who have a grade point average of 3.5 or above for the semester’s work are cited for academic achievement by being listed on the dean’s honor roll.
Dean's List Honors. Full-time students whose grade point average at Rockhurst through the end of the fall semester of the current academic year was 3.5 or above are awarded Dean's List Honors. Highest Honors are awarded to those students in the Dean's List category who have earned the highest grade point average. In computing Highest Honors each year, the average of all college work or only Rockhurst work, whichever is lower, is used.

Graduating Senior Dean's List Honors. Awarded to all graduating students whose cumulative grade point average at Rockhurst was 3.5 or above as of completion of the preceding spring semester for December commencement and fall semester for May commencement. Honors recipients are listed in the commencement program.

Graduation Honors. A candidate for a degree who has a grade point average of 3.5 graduates Cum Laude; one who has an average of 3.7 graduates Magna Cum Laude; and one who has an average of 3.85 and above graduates Summa Cum Laude. In computing undergraduate graduation honors, the average of all college work or only Rockhurst work, whichever is lower, is used. These honors are announced at commencement. Graduation honors announced at the December commencement ceremony are based on the cumulative grade point average at the end of the spring semester and may change based on graduation semester totals.

Senior Gold Medal. This award is presented annually by the President of Rockhurst University to the highest ranking graduating senior. Rank is computed as explained under Graduation Honors above. To be eligible for the senior gold medal, a student must have completed at least half of his/her total 128 hours earned toward their degree at Rockhurst.

Special Awards

The American Institute of Chemists Medal, presented annually by the Kansas City Section of the American Institute of Chemists to the outstanding graduate in the Department of Chemistry, selected by the faculty of the department.

Elizabeth Bonfils Tuition Grants for Essays on Child Labor, an award for a Rockhurst University undergraduate who submits a winning original written essay addressing ethical and moral issues of public policy related to national and international laws addressing issues of child labor.

The T. S. Bourke Medal, the gift of Dr. T. S. Bourke, awarded annually to the student who is judged best in extemporaneous speaking.

The Father Aloysius Breen Award, given annually by the English faculty to the senior English major who has shown the greatest achievement throughout all four years.

The Ted Calfas Award, established by his family, friends, and co-workers at Armco Steel, in memory of Theodore N. Calfas, a graduate of the Evening Division and parent of a Rockhurst alumnus. Presented to an outstanding student in industrial relations.

The Delta Sigma Pi Scholarship Key. This award is presented annually by Delta Sigma Pi to the graduating student with the highest cumulative academic average for all coursework toward a degree in business administration or an economics major. Membership in Delta Sigma Pi is not a prerequisite for the award.

The Dowling Oratorical Medal, founded by Mrs. Frank P. Walsh, in memory of Rev. Michael P. Dowling, S.J., founder and first president of Rockhurst University, awarded for the best oration in the annual oratorical contest.
◆ The Financial Executive Institute Award is presented to an outstanding accounting, finance/ economics, or economics student.

◆ The Charles M. Kovich Dramatist Prize, an annual prize for excellence in dramatic writing awarded each spring to the Rockhurst University student who submits the best original script for stage or screen. The award is named in honor of Charles M. Kovich, Ph.D., Rockhurst professor of English, and administered by the Walter J. Ong Society for English Study (the Rockhurst University English Club).

◆ Lampe-Loescher Award, created by Gerald N. Lampe, PT, and Georgia Lou Loescher-Junge, PT, original members of the Physical Therapy Advisory Group, is given annually to a graduating physical therapy student. The award recognizes the student who exemplifies exceptional leadership and service while in the physical therapy program and who demonstrates the potential for exceptional leadership and service to the profession.

◆ The William V. Longmoor Award, given in honor and remembrance of Mr. William V. Longmoor, consistent friend and supporter of nursing education at Research College of Nursing, to the graduate of the nursing program selected by the College of Nursing faculty as best exemplifying the standards and aims of Research College of Nursing.

◆ The William A. Luby Medal, in honor of a prominent Kansas City mathematics scholar and author, is awarded by department faculty to an outstanding student in mathematics, computer science or physics.

◆ The Michael D. O’Connor Medal in Psychology is presented to the senior student who is judged to have contributed most to the personal and intellectual growth of other students in the department. The award also recognizes in an important way a long-term friend and faculty member of the University, Professor Michael O’Connor.

◆ The Hugh M. Owens Prize. Named in honor of Emeritus Professor Hugh M. Owens, this prize annually recognizes a student who excels in the study of history as determined by the History Department’s essay contest.

◆ The Rossner Philosophy Medal, a gift of Mrs. Blanche Rossner in memory of her husband, is offered annually to a student who excels in philosophy according to the judgment of members of the Philosophy Department.

◆ The Scrivener Medal, awarded annually to members of the graduating class who have made outstanding contributions to Rockhurst University in the area of publications, particularly during their junior and senior years. Recipients of the award are selected by faculty moderators of student publications and by the appropriate dean.

◆ Dr. Reva R. Servoss Endowed Chemistry Prize was established in 1996 by Dr. Servoss, who taught in the chemistry department for more than 30 years. This endowed fund is dedicated to young women who, like Dr. Servoss, seek to appreciate and master the study of chemistry through desire and hard work. Preference is given to female sophomores who have a declared major in chemistry.

◆ The Wall Street Journal Award is presented to an outstanding graduating senior in the Helzberg School of Management.

◆ The Rev. Robert F. Weiss, S.J. Award honors Fr. Weiss, President of Rockhurst College from 1977 to 1988. This award is presented to the graduating senior of the Research-Rockhurst nursing program who demonstrates the values of integrity and personal caring for others that were modeled consistently by Father Weiss during his years at Rockhurst.
The Barbara Wynne Outstanding Biology Student Award honors graduating seniors majoring in biology who have demonstrated academic achievement and service to the department. It is named for a biology major who died shortly after her graduation from Rockhurst.

Honor Societies

Alpha Sigma Nu Jesuit Honor Society. Alpha Sigma Nu is a national honor society for men and women. The group was organized to honor students of Jesuit colleges and universities who have distinguished themselves in scholarship, loyalty and service to the University. A limited number of juniors and seniors are selected for membership each year. The society offers its services to the University, particularly in an effort to stimulate intellectual interest and accomplishment.

Beta Beta Beta. TriBeta is a national honor society with more than 430 chapters throughout the world. The Pi Epsilon chapter is active at Rockhurst, and invites any students interested in biology to consider membership. Activities are designed to stimulate interest, scholarly attainment, investigation in the biological sciences, and to promote the dissemination of information and new interpretations among students of the life sciences. In addition to campus activities, students may attend regional and national conventions.

Beta Gamma Sigma. Beta Gamma Sigma is the honor society serving business programs accredited by AACSB International-The Association to Advance Collegiate Schools of Business. Membership in Beta Gamma Sigma is the highest recognition a business student anywhere in the world can receive in a business program accredited by AACSB-International.

Kappa Delta Pi. Kappa Delta Pi, International Honor Society in Education, was founded March 8, 1911, at the University of Illinois. Organized to recognize excellence in education, Kappa Delta Pi elects those to membership who exhibit the ideals of scholarship, high personal standards, and promise in teaching and allied professions. It encourages improvement, distinction in achievement, and contributions to education. Kappa Delta Pi is an honor society of, about, and for educators. Selection as a member of Kappa Delta Pi is based on high academic achievement, a commitment to education as a career, and a professional attitude that assures steady growth in the profession.

Phi Alpha Theta. Phi Alpha Theta, the National History Honor Society, was organized at the University of Arkansas in 1921. Its purpose is to promote the study of history through the encouragement of research, good teaching, publication, and the exchange of learning and ideas among historians. Phi Alpha Theta seeks to bring students, teachers, and writers of history together both intellectually and socially. Students who achieve excellence in the study of history, have completed a minimum of 12 semester hours in history, and maintain a strong overall academic record are eligible to join. National and regional Phi Alpha Theta conferences provide students with the opportunity to present papers they have written and to meet distinguished historians.

Phi Lambda Upsilon. Phi Lambda Upsilon was founded in 1899 as an honorary chemistry society. It was the first honor society dedicated to a single scientific discipline. The Beta Phi chapter is active at Rockhurst and counts as a part of its membership students majoring in chemistry or biochemistry who have met the chapter and national qualifications. The aims and purposes of the Society are summarized in its constitution: the promotion of high scholarship and original investigation in all branches of pure and applied chemistry.
Phi Sigma Tau. Phi Sigma Tau is an international philosophy honor society for undergraduate students. Founded in 1930, it fosters academic excellence as well as philosophical interest. In addition to providing a means of awarding distinction to students with scholarly achievement, the Society also promotes interest in philosophy among the general collegiate community. The National Society publishes an official journal twice yearly. The Missouri Beta Chapter here at Rockhurst hosts an annual dinner honoring initiates, and sponsors regular campus-wide discussion on timely philosophical subjects. The chapter selects those students who show advanced philosophical abilities and who can demonstrate the significance of philosophy in Jesuit education and its overall primacy in liberal education.

Pi Delta Phi. Pi Delta Phi is the National French Honor Society, founded in 1925. The purpose of the Society is 1) to recognize outstanding scholarship in the French language and its literatures; 2) to increase the knowledge and appreciation of Americans for the cultural contributions of the French-speaking world; 3) to stimulate and encourage French and francophone activities. Students are nominated in recognition of their academic achievement. Honorary members are faculty and community members recognized for their strong support of French cultures. Pi Delta Phi publishes a newsletter and offers study abroad awards.

Psi Chi. Psi Chi is the National Honor Society in Psychology, founded in 1929 for the purpose of encouraging, stimulating, and maintaining excellence in scholarship and advancing the science of psychology. A selected number of Rockhurst men and women who are making the study of psychology one of their major interests and who meet the minimum national and chapter qualifications are invited for membership into Psi Chi each year.

Research College of Nursing Honor Society. Research College of Nursing Honor Society was organized to honor a limited number of junior and senior nursing students, graduate nursing students, and community nursing leaders. Members who are selected exhibit superior achievement, leadership qualities, high professional standards, creative work and commitment to the ideal and purpose of the nursing profession.

Sigma Delta Pi. Sigma Delta Pi is the National Collegiate Hispanic Honor Society. The purposes of this society are: to honor those who excel in the study of Spanish language and Hispanic literature and culture; to encourage college students to acquire a deeper understanding of Hispanic culture; to foster friendly relations and mutual respect between Spanish and English speaking nations; and to serve its membership in ways that will further the goals and ideals of the Society. Students are nominated in recognition of their academic achievement. Honorary members are faculty and community members recognized for their strong support of Spanish culture. Sigma Delta Pi publishes an official journal twice yearly and offers a total of 34 summer scholarships to study abroad in Spain, Mexico, Peru, Bolivia and Ecuador, and one semester scholarship in Cuernavaca, Mexico.

Sigma Tau Delta. Consisting of more than 600 active chapters, the International English Honor Society, founded in 1924, confers distinction upon students of the English language and literature and seeks to facilitate its members' academic, professional, and personal growth. Members have the opportunity to share their interests in literature and linguistics with like-minded peers, participate in rewarding intellectual and service activities, and be recognized for their accomplishments. Each year, the Honor Society
assembles for a national convention, publishes creative arts and critical journals, and sponsors numerous awards and scholarships.

◆ Theta Alpha Kappa. Theta Alpha Kappa is a national honor society founded in 1976 for those involved in the academic pursuit of religious studies and/or theology. The society's primary purpose is to honor academic excellence in these fields. TAK grants awards to members who have achieved the high standards of their discipline. The society publishes a journal every year in which students may submit articles. Students who meet the membership qualifications are encouraged to become part of this national society.

DEGREE REQUIREMENTS

Catalog Requirements: Progress Toward a Degree
Although requirements are subject to change without notice, as a general rule, and whenever possible, students may elect (1) to comply with the new requirements or (2) to remain under the requirements set forth in the catalog in effect when they began their studies (provided they have maintained continuous enrollment). Students who do not maintain continuous enrollment must satisfy the academic requirements of the catalog under which they re-enroll. Students who initially declare or change their major are bound by the regulations for the new major that are in effect the semester when they declare or change their major and officially begin studies in that program.

Declaring a Major
To provide organization, intensive work and a comprehensive grasp of a field of knowledge, each student must elect a field of concentration on which most of the work of the upper division (courses numbered 3000-4999) will center.

Before a student may be accepted as a major in a specific area, the student should be in the process of completing at least 60 hours of course work and have a grade-point average of at least 1.85. Some programs require a higher GPA for admission, therefore the student should consult the appropriate section of the catalog. The 60 hours of completed course work should include the lower division (courses numbered 1000-2999) requirements of the liberal core as well as the lower division prerequisites of the proposed major. Declaration of major forms are available in the Registrar’s Office, the Registrar’s Office website (www.rockhurst.edu/registrar), Dean’s offices, or from academic advisors.

Once a student declares a major, the Registrar’s Office sends a degree audit to the student and their academic advisor. This record shows exactly where the courses taken fit into the academic program, and is used to track the student’s progress toward degree completion.

Specific Degree Requirements
Rockhurst University offers baccalaureate degrees through the College of Arts & Sciences, the School of Graduate and Professional Studies, the Helzberg School of Management, and Research College of Nursing. See Degrees Offered section for a listing of all degrees offered by each college/school. Although each school may have additional degree requirements specific to particular programs, every undergraduate degree received at Rockhurst University must meet the following minimum institutional requirements:

1. Minimum of 128 semester hours, including the liberal core and academic major requirements, with at least 64 hours from a regionally-accredited four-year institution.
2. Minimum of 30 hours of upper-division coursework, of which at least 18 but no more
than 42 hours are in the major discipline, and which includes at least 12 hours of related upper-division coursework. (The curriculum in interdisciplinary programs may include 30 credit hours of coursework from several disciplines in lieu of the minimum of 18 hours in one discipline and 12 hours in a related area.)

3. Minimum 2.00 (C) overall GPA; minimum grade of C or above in each of the minimum 30 hours of upper-division coursework. A C grade (2.00) is required in EACH UPPER-DIVISION COURSE counted toward fulfillment of the major; this includes the 12 hours of related upper-division coursework. (Grades of C- are not accepted to fulfill this requirement.)

4. The completion of the prescribed courses in the liberal core as described in the “Curriculum” section of the Catalog for degrees offered in the College of Arts and Sciences, School of Graduate and Professional Studies, Helzberg School of Management, and Research College of Nursing.

5. Successful completion of major requirements (see individual programs).

6. Successful completion of senior comprehensive exam or equivalent if department requires such an exam.

7. Qualifications:
   a. Maximum of 8 hours of activity credit, including transfer activity credits.
   b. Maximum of 6 hours of practicum, cooperative education, field experience, internship, etc. (Student teaching hours may exceed this maximum.)
   c. Maximum of 64 transfer hours from an accredited two-year college.
   d. Maximum of 32 non-traditional hours earned by exam (CLEP, AP, IB, military training).
   e. Maximum of 42 hours of upper-division coursework in the academic major.
   f. At least 30 hours of coursework must be completed at Rockhurst.
   g. Research College of Nursing requires that a minimum of 15 hours be completed at Rockhurst and a minimum of 15 hours be completed at Research.
   h. Half of the upper-division hours required for the major, and half of the minimum 12 hours of upper-division related coursework, must be earned at Rockhurst.
   i. The last 30 hours of coursework must be completed at Rockhurst.

8. Even after the requirements for a degree have been fulfilled, the University still reserves the right to deny the degree if, in its judgment, the objectives of the University have not been adequately realized in the candidate.

See individual departments for specific major, minor, and certificate requirements.

Requirements for Earning a Second Degree

1. The completion at Rockhurst of a minimum of 30 additional semester hours above the hours completed for the first degree. At least 18 of these 30 hours must be in the major. These additional 30 hours must be taken beyond all hours earned for the previous degree. If a student successfully completed courses required in the major for the second degree while pursuing the first degree, those classes may count toward the second degree with departmental approval. In that case, the student must take additional upper-division hours to equal the number of hours required for the major.
2. At least one-half of the major and one-half of the related courses must be completed at Rockhurst.

3. The completion of requirements as stated in numbers 2 through 8 in the previous section.

4. Students may not earn two of the same degree concurrently, for example, a B.A.; but they may earn two different degrees concurrently, for example, a B.A. and a B.S. or B.S.B.A.

Requirements for Earning More than One Major

1. The two majors may be in different degree programs. If the majors are in different degree programs the student shall designate one as a primary major and shall then receive the degree corresponding to the primary major.

2. All requirements for both majors must be met.

3. Each major may be accepted as fulfilling the related hours requirement of the other major, subject to approval.

4. The requirements for both majors must be fulfilled at or before the awarding of the degree.

Minors

A minor is a structured concentration of courses consisting of upper-level courses totaling between 12 and 20 semester hours. Rockhurst University offers minors in a number of different areas. These minors can be declared when the declaration of major is filed, but must be declared at the time of filing for degree candidacy. Advice on course selection should be sought early from a faculty member in the intended minor area. The specific requirements for minors are outlined in this publication immediately after the description of the major for those disciplines that offer them. Lower-division courses are required in addition to the minimum 12 upper-division hours. Students who elect to complete a minor must complete the requirements for both the major and the minor by the time that the degree is granted. Both the major and the minor will be indicated on the student’s permanent academic record (transcript), but tracks within majors and minors are not recorded on the permanent record.

Students in the College of Arts and Sciences and School of Graduate and Professional Studies have the option to complete a minor or to complete the “related area” requirement, but they do not need to do both. Students earning their degrees in the Helzberg School of Management or Research College of Nursing must fulfill all degree requirements specific to those degrees, with the option of adding a minor area. Courses completed to fulfill core requirements may also fulfill minor requirements where appropriate. Students may complete more courses in the minor area than are specified for the minor.

Students who elect to complete a minor must satisfy certain requirements. Some academic areas allow students, in consultation with a faculty member in the appropriate discipline, to choose from a list of approved courses to fulfill minor requirements. Other minors are more prescribed in nature. Students should refer to the appropriate section of this Catalog and confer with an appropriate advisor.

In general, the requirements for minors are:

1. More than one-half of the upper division hours in the minor must be completed at Rockhurst University.

2. All of the upper-division courses required for the minor must be completed with grades of C or better. (A grade of C- will not satisfy this requirement.) Some minors may have higher GPA requirements.
3. Students cannot earn a major and a minor in the same area, nor can they apply specified upper-division courses required by the major toward the minor. Students may count core courses toward their minor.

Degree Candidacy
Undergraduate Degree Applications are available from the Registrar's Office and the Registrar's Office website (www.rockhurst.edu/registrar). Students must file their degree applications in accordance with the deadline published by the Registrar in the Academic Calendar at the Rockhurst University web site. The deadline is during the semester before the student's graduation: September 30 for May or August graduation; March 30 for December graduation. Students who file their degree applications after the published deadline will be assessed a late fee. Failure to meet the deadline date may affect a student's participation in commencement and/or receipt of diploma. Once the applications are received by the Registrar's Office, a review is made of the student's academic record to ensure that they have met the requirements of the degree the student seeks.

Certificates
Certificates may be earned by non-degree seeking students or by currently enrolled degree seeking students. Certificate guidelines and standards will apply equally to both groups. Where appropriate, certificate programs meet industry, professional society, and accreditation standards. Certificate programs require no less than 15 credit hours. A minimum grade of "C" is required in each course in order to be awarded a certificate at Rockhurst University. The final two-thirds of the total credit required for the certificate must be earned at Rockhurst University.

OTHER ACADEMIC POLICIES

Attendance Policy
Students are expected to attend classroom and laboratory sessions regularly. Tardiness may be recorded as an absence at the discretion of the professor. Classes missed as a result of delayed registration are also recorded as absences. A student may be assigned a grade of "F" in a course by a faculty member because of excessive absences when total hours of classes missed exceeds twice the number of credit hours assigned to the course, i.e., seven absences in a three-hour, Monday/Wednesday/Friday course, or five absences in a three-hour, Tuesday/Thursday course.

In evening classes, or other classes which meet in a concentrated format, allowable absences cannot exceed the class equivalency of the above policy. Thus, in a three-credit-hour evening class which meets only once a week for a three-hour period, students are permitted only two absences.

Absences incurred while engaged in authorized student activities are canceled, provided faculty members directing such activities request and secure approval from the dean. The student should make appropriate arrangements with instructors when these occasions arise.

Examinations
Major examinations in undergraduate full-term courses are held quarterly and are held at the close of the semester for all undergraduate programs. A student who has been absent
from the regularly scheduled semester examination in any course, will receive a grade of “F” for the course unless the dean has been informed of illness or has granted an extension of time in advance of the examination and for serious reasons.

Academic Honesty Policy

I. Philosophical Statement:

Rockhurst University is a learning community. Consistent with the mission and purpose and the Judeo-Christian principles the University seeks to foster within its whole community, it is expected that academic honesty and integrity guide the actions of all its members. It is the responsibility of every person in the academic community—faculty members, students, and administrators—to ensure that academic dishonesty or misconduct is not tolerated.

II. Definition

Academic honesty includes adherence to guidelines pertaining to integrity established for a given course as well as those established by the University for conducting academic, administrative, and research functions. All forms of academic dishonesty or misconduct are prohibited. The examples given are not intended to be all inclusive of the various kinds of academic dishonesty, cheating, plagiarism, or misappropriation which may occur. Examples include but are not limited to the following:

A. Cheating
   1. Copying, or the offering, requesting, receiving or using of unauthorized assistance or information in examinations, texts, reports, computer programs, term papers or other assignments.
   2. Attempting to change answers after an exam has been submitted.

B. Plagiarism
   1. The appropriation of ideas, language, or work of another without sufficient attribution or acknowledgment that the work is not one’s own.
   2. Violations include but are not limited to:
      a. submitting as one’s own work material copied from a published source.
      b. submitting as one’s own work someone else’s unpublished work.
      c. submitting as one’s own work a rewritten or paraphrased version of some one else’s work.
      d. allowing someone or paying someone to write a paper or other assignment to be submitted as one’s own.
      e. utilizing a purchased pre-written paper or other assignment.

C. Manipulation, alteration, or destruction of another student’s academic work or of faculty material.

D. The unauthorized removal, mutilation or deliberate concealment of library or other resource material or collections.

E. Unauthorized use of University facilities, equipment or other property, including computer accounts and files.

F. Any other act which might give one an unearned advantage in evaluation or performance.
III. Nurturing Academic Honesty

Faculty, administration, staff, and students are responsible for modeling and nurturing academic honesty. Faculty, especially, should strive to nurture academic honesty by citing sources in lecture and class material, thereby modeling for their students and advisees the type of precautions to be taken to ensure academic honesty. It is further expected that faculty will take reasonable actions to reduce opportunities for dishonesty through such practices as monitoring examinations or requiring sequences of an assignment to be submitted. It is further expected that each student will be informed of the definition of academic dishonesty and the processes the University will take in dealing with it.

IV. Academic Dishonesty: Procedure, Penalties and Due Process

A. Level 1—Informal Disposition

As much as possible, a member of the faculty, staff or administration (hereafter referred to as University representative) will deal individually with suspected violations of the Academic Dishonesty Policy. Level 1—Informal Disposition constitutes the initial level of action, including resolution. The University representative who suspects that such a violation has occurred will confer with the student, present support, listen to and evaluate the student’s explanation, and then, if the student is found to have violated the Academic Honesty Policy, impose a penalty based upon the findings. Penalties relate to specific violations and may include but are not limited to:

1. warning the student;
2. lowering the grade of the assignment or examination or the assignment of a failing grade for the semester;
3. requiring the student to repeat the assignment or examination;
4. compulsory school or community service;
5. other penalties as deemed appropriate.

The student will be provided with a written Level 1 decision by the University representative within three working days of conferring with the student, addressed to the student’s last known local or permanent address on file with the University. A student who wishes to appeal the Level 1 decision must indicate her/his intent to appeal in writing within one working day of the written Level 1 decision delivered to the appropriate dean’s office.

B. Level 2—Academic Disciplinary Board

The Academic Disciplinary Board:

1. may decide appeals of Level 1 decisions brought by students;
2. may decide Level 1 cases brought by the University representative if the University representative is of the opinion the allegations are serious or warrant stricter sanctions than those available under Level 1; and
3. on its own initiative, may review any Level 1 decision.

For cases involving academic departments, the Academic Disciplinary Board will be composed of the department chair, a faculty member to be appointed by the dean of the college or school within which the student is enrolled or the violation arose, and either the division chair or academic dean, or his/her designee (who serves as chair). Should the department chair be the faculty member bringing the charge(s) the appropriate academic
dean will appoint a faculty substitute. For cases involving units other than academic departments (i.e. Library, Registrar's Office, Computer Center, or other similar unit), the Academic Disciplinary Board will be composed of the director of that unit, a faculty member to be appointed by the Vice President for Academic Affairs and an appropriate member of the administration (generally a dean) who serves as chair and is also appointed by the Vice President for Academic Affairs. The composition of the Academic Disciplinary Board will avoid a conflict of interest. This may result in the Vice President for Academic Affairs appointing other University representatives in lieu of the aforementioned Board compositions. The Board may uphold, modify, or reverse Level 1 decisions.

In cases before it, the Academic Disciplinary Board will consider relevant supportive information presented by any side. Based on its evaluation of relevant supportive information before it, the Academic Disciplinary Board may impose any penalty thus far listed and in addition may recommend to the Vice President for Academic Affairs the suspension or expulsion of a student.

**Procedures before the Academic Disciplinary Board Hearing**

1. Within three working days of the filing of the written intent to appeal the Level 1 decision, the student must deliver to the Academic Disciplinary board all supportive information relevant to the appeal, including any request for hearing.

2. Within three working days of receipt of the student's relevant supportive information, the Academic Disciplinary board will notify the University representative and for cases involving academic departments, the Dean of the college or school in which the student is enrolled or the violation arose and for cases involving units other than academic departments, the Vice President for Academic Affairs. Depending upon the type of case, the Dean or the Vice President for Academic Affairs shall choose the University representative for participation at Level 2 and shall notify the Academic Disciplinary Board of the choice within three working days. Within three working days of notice of the University Representative to the Academic Disciplinary Board, that University representative must deliver all relevant information in support of the Level 1 decision to the Academic Disciplinary Board, including any request for hearing.

3. The Academic Disciplinary Board may require a hearing and the decision to hear any case is in the discretion of the Academic Disciplinary Board.

4. At least five working days before the scheduled hearing, if any, the Chair of the Academic Disciplinary Board or designee will send to the student, addressed to the student's last known local or permanent address on file with the University, and the University representative written notice of:
   a. the alleged violation(s) to be heard;
   b. the time, date and place of the hearing;
   c. a statement of the charge(s) and documents in support of and in opposition to the charge(s).

   In cases where there are multiple charges, the Academic Disciplinary Board may consolidate all charges into one hearing.

5. The student may bring a faculty member of the University community with her/him as an advisor to any hearing and if so, the student must notify the Academic Disciplinary Board of the name of the advisor within one working day of the hearing. The student, however, is expected to present her/his own case in his/her own words.
6. The Academic Disciplinary Board will be responsible for maintaining a record, if any, of the hearing.

7. The Level 2 decision of the Academic Disciplinary Board may be presented orally at the conclusion of the hearing or in writing to the student, addressed to the student’s last known local or permanent address on file with the University, and to the University representative within five working days of any hearing and if there is no hearing, within ten working days of timely receipt of all relevant supportive information from the student and University representative.

8. Materials related to disposition of the charge(s) of the Academic Honesty Policy, including a summary record of any appeal process and decision(s), will be maintained in the office of the academic dean of the college or school in which the student is enrolled.

**Grounds for Appeal**

Below are listed the only bases upon which a student or University representative may appeal the Level 2 decision of the Academic Disciplinary Board:

1. The evidence against the student is insufficient to warrant the action taken by the Academic Disciplinary Board.

2. The decision of the Academic Disciplinary Board is arbitrary.

3. The decision of the Academic Disciplinary Board is inconsistent with existing University policy.

**Appeal of the Decisions of the Academic Disciplinary Board**

A student or the University representative may appeal the decision of the Academic Disciplinary Board by filing an “Intent to Appeal” with the Office of the Vice President for Academic Affairs within one working day of the decision of the Academic Disciplinary Board and the Vice President for Academic Affairs will notify the other within three working days of the filing of the Intent to Appeal. On notice of the filing of the Intent to Appeal from the Vice President, the Academic Disciplinary Board will forward all information related to the case to the Vice President for Academic Affairs. Absent extraordinary circumstances, neither the student nor University representative may present additional supportive information for consideration by the Vice President for Academic Affairs. Any request to present additional information must be made to the Vice President for Academic Affairs within three working days of filing of the Intent to Appeal and the request must include a substantive description of the additional supportive information. The Vice President may request additional information or a meeting with any individual regarding the charge(s). In general, the Vice President for Academic Affairs will present his/her decision to the student and University representative within five working days of receipt of information or meeting with the student or University representative. The decision of the Vice President for Academic Affairs may be presented orally or in writing addressed to the student at the student’s last known local or permanent address on file with the University and the University representative. The decision of the Vice President for Academic Affairs is final. Pending the decision of the Vice President for Academic Affairs, the student’s status as a student will remain unaltered except in cases where there are reasons relating to the emotional or physical welfare of the student or other members of the University community or for reasons involving the safety of property or the good of the University.
Time
For purposes of counting time, the day of the act will not be counted and the final day of the time period will be counted. Working day means any day the administration of the University is open and conducting business and is not as provided in the University’s Academic Calendar. Three days are added to any time period where delivery is by mail.

Policy for the Review of the Final Grade

Preface
It is the student’s responsibility to meet the requirements established for each course taken at Rockhurst University. It is the course instructor’s responsibility to establish course requirements for grades as part of the course syllabus and to evaluate students fairly according to the standards established.

Philosophy of Grade Review Policy
Rockhurst is “a learning community” which “believes in the intrinsic value of the intellectual life and in the disinterested pursuit of truth.” At the beginning of any grade review procedure all of those involved should proceed with this principle in mind: the primary goal of all proceedings will be to clarify requirements, to affirm the application of consistent standards. An atmosphere of rational discourse must always prevail.

Bases for Review
For adequate cause, a student has the right to request review of an assigned final course grade. Bases on which the student may request review include the following: the student believes that:

1. The assigned final grade does not reflect the weighted values given to required work as indicated in the course syllabus; or
2. The final grade does not reflect the student’s level of fulfillment of course requirements as stated in the course syllabus (for example, class attendance, level of performance on tests, number and length of papers, penalty for late work, and other academic criteria); or
3. The final grade is inconsistent with standards set for the course; or
4. The assigned final grade is based on arbitrary or nonacademic criteria.

Procedure
The student requesting review must follow the procedure set out below. Failure to follow the procedure in the given order or to comply with the time limits identified in the procedure will result in denial of the review.

Informal Procedure for Review of the Assigned Final Grade
1. By the end of the first week of the semester following receipt of the assigned final course grade, (for courses taken in the Spring and Summer semesters, no later than September 1, and for courses taken in the Fall semester, no later than February 1), the student requests in writing (certified mail return receipt requested) review of the assigned final grade from the assigning instructor or if the instructor is not available submits the request to the appropriate dean’s office. The student and the instructor may agree to meet to conduct part of the grade review. The student should make the appointment to meet with the instructor. In writing (certified mail return receipt requested is advised, but not required) within 14 days of receipt of the request for final grade review, the instructor will respond to the student.
*Note: The term “semester” is understood in a narrow sense, referring only to the first semester and the second semester of the regular academic year. The term “semester” does not refer to summer sessions or interterms. The intent is to provide a timeline allowing for possible faculty absence during the summer and during interterm.

2. If within 14 days of the instructor's response the student is not satisfied with the result, the student may request in writing to the department chair (for the College of Arts and Sciences and School of Graduate and Professional Studies) or the division chair (for the Helzberg School of Management) review of the final course grade. For the purpose of information, not re-grading, the student's request should include supporting evidence, such as photocopies of graded papers, quizzes, tests, and other work performed in the course. The student should also note the steps taken so far to review the final grade. After (a) reviewing the case with the student and (b) reviewing the case with the assigning instructor, the department or the division chair will within 14 days of the student's request for review, advise the student and the instructor in writing her/his opinion regarding the assigned final course grade and that the informal procedure is completed. The question could be resolved with this step.

Formal Procedure for Review of the Assigned Final Grade
If not satisfied with the result of the informal procedure, the student may request a formal review of the assigned final course grade.

1. Within seven days of the response of the department or the division chair, the student presents in writing to the dean (or his/her designee) of the college or school in which the course is offered, the request for formal review of the assigned final course grade, including reasons justifying the review, any supporting evidence, and a list of the steps taken to date to resolve the issue.

2. Within 14 days of the student's written request, the dean (or his/her designee) will convene a panel consisting of a full-time faculty representative of the college or school and two full-time faculty members of the same department or academic discipline as the instructor, if department or discipline size permits. The University representative will chair the panel. The dean's office will inform the requesting student and the course instructor in writing with reply forms enclosed of the panel appointees.

3. The student and the course instructor may each object to up to two panel appointees. Any objection to a panel appointee must be lodged in writing or printed e-mail or fax with the dean's office within seven days of notice of the panel appointees. Failure to lodge objection to a panel member will be considered as acceptance of the appointee as panel member. No other objections will be permitted by either the student or the course instructor. After exhaustion of objections, the dean (or his/her designee) will appoint any vacancy on the panel.

4. As soon as panel membership is set, the dean (or his/her designee) turns over to the chair of the panel the student request and all supporting materials the student has provided.

5. The chair of the panel does not vote on the recommendation except in the event that the two other faculty members, each of whom has one vote, are unable to reach agreement.

6. The chair will schedule a date for the review and the panel should conclude its review within ten working days of its first meeting. The panel will examine the information
provided and may hold a joint conference of the panel, the student, and the instructor. The chair of the panel has the responsibility to inform the panel members, the student, and the instructor of the date, time, and place of any joint conference.

7. The panel is empowered either (a) to recommend that the instructor change the grade, (b) to recommend that the instructor reevaluate the grade according to criteria specified by the panel, or (c) to dismiss the appeal. The panel is not empowered to change the grade. The grade, which the course instructor assigned, cannot be changed by anyone but that instructor. The instructor will advise the registrar of a change in grade, if any. The panel will advise the student of a change in grade, if any.

8. The panel submits its recommendation to the student, to the course instructor, to the department/division chair, and to the appropriate dean (or his/her designee). On request each party will be apprised of the basis for the panel’s decision. The panel’s responsibility is thus concluded. No other review is available.

9. The grade appeal will be considered confidential and only those involved in the grade appeal including its investigation and resolution will be provided information concerning the appeal.

10. If the student chooses to make the panel’s recommendation a part of her/his permanent file, the student should instruct the dean (or his/her designee) to convey the panel’s recommendation to the registrar and the panel’s recommendation will be transmitted by the registrar’s office to graduate schools, employers, and others to whom the student requests that a transcript be sent according to the policies of the University regarding release of transcriptions, and to the department chair of the student’s major and the director of financial aid at Rockhurst.

**ENROLLMENT POLICIES**

**Activation of Reserve or National Guard Units**
Those students who are unable to complete academic work during the academic term in which they are called to active duty as part of a Reserve or National Guard unit call-up have three options:

1. The student may choose to totally withdraw from school and be given 100% refund of all academic tuition and fees as well as student activity fees which have been assessed. The permanent record (transcript) will not reflect the withdrawal with a “W”. Students choosing this option will be granted a Financial Aid Satisfactory Academic Progress waiver for the term. In addition, an adjustment will be made on unused portions of room and board.

2. The student, in collaboration with and approval of the instructor, may choose the use of the “I” grade (Incomplete) under appropriate circumstances. The amount of time allowed for the incomplete work will not include the active duty time spent. However, once the student has returned from active duty, the incomplete work must be completed within a reasonable period of time, which will be determined by the Vice President of Academic Affairs. At that time the student may elect to withdraw from the class.

3. The student may elect to complete the work in collaboration with and approval of the instructor on a shortened time frame prior to the active duty reporting date. This arrangement should be chosen only if the student is activated in the final quarter of the term.
In order to select one of the above options, the student must present or fax a copy of the military orders selecting them for active duty to the Registrar’s Office. For further information, contact the Registrar’s Office.

Audit
Those students taking courses for interest or the development of their own skills and not with the intention of seeking credit or a degree may enroll in courses for audit. Auditing students are not required to do course work or to take examinations but are expected to attend class regularly. Course fees for credit and audit are the same. Students may not change from audit to credit status after registration. Students may change from credit to audit status. The procedures and deadlines for withdrawal from individual classes also pertain to changes to audit status in any class. Students wishing only to audit classes should follow the same application procedures as unclassified students. Participation is on a space available basis and shall only be allowed with permission of the program chair (from the department offering the course) and the appropriate dean. Generally, students entering Rockhurst as auditors only are not eligible for institutional financial aid.

Changing Enrollment
Prior to the beginning of the semester, if a student who has registered decides not to attend they must contact the Office of the Registrar immediately in writing to withdraw. Written notification may include e-mail notification however, only through the Rockhurst student e-mail account. After classes have begun for the semester, the student will be responsible for all charges incurred prior to the date notification is given in writing to the Office of the Registrar or Office of Financial Aid (official notification date). Refunds of charges will be given according to the Tuition Refund Schedule using the official notification date. The Tuition Refund Schedule and the final date for withdrawal can be found on the Rockhurst website, www.Rockhurst.edu. In the case of total withdrawal from class, for the purposes of Title IV Aid, the date used will be the last date of attendance or the mid-term date. (See withdrawal and refund in the Financial Aid Section of this catalog).

Failure to officially withdraw from class within the drop period will result in a failing grade.

Drop/Add Period
Students may add and drop classes anytime during the period between registration and the last day of the first full week of classes. This is commonly referred to as the Drop/Add Period. In the case of late entrance to a course, the student is responsible for all assignments made prior to adding the course. To add or withdraw from a course during the Drop/Add period, the student must obtain an official Drop/Add form from the appropriate dean’s office or the Registrar’s Office and submit it to the Registrar’s Office. Only the student’s signature is required during this time. The dates for the Drop/Add period are published in the Academic Calendar on the Rockhurst website. No credit will be allowed for a course in which the student is not appropriately registered.

Withdrawing From a Course After the Drop/Add Period
To withdraw from a course after the drop/add period, students must obtain the signatures of their instructor, advisor, and the Financial Aid Office before submitting the Drop/Add form to the Registrar’s Office. The instructor must indicate the student’s last date of attendance on the form. Whether or not the instructor and advisor recommend with-
Undergraduate Programs

drawal, the student’s right to withdraw remains until the published deadline. See Academic Calendar. www.Rockhurst.edu. **It is the responsibility of the student to complete the course withdrawal process.** Once the student has completed the withdrawal process they can confirm the change has been made by accessing the Rockhurst Oracle web with their PIN.

The student is responsible for all financial obligations to the University up to the time of notification in writing to the Office of Financial Aid or the Office of the Registrar of their intent to withdraw (official notification date). **In no case will the student receive a refund of financial assistance.**

Students need to be aware that withdrawal from coursework may affect their ability to meet Financial Aid Satisfactory Academic Progress requirements. In order to maintain eligibility for financial assistance full-time undergraduate students are required to earn 12 hours per semester or 24 hours per year. Part-time undergraduate and graduate students are required to earn 80% of the hours they attempt. Financial Aid Satisfactory Academic Progress is outlined in the Financial Aid section of this catalog. Among other things, withdrawal from class could also affect athletic eligibility, graduation status, insurance eligibility and immigration status. Institutional financial assistance is available for a maximum of eight semesters, athletic scholarship for a maximum of 10 semesters. **Failure to attend or officially withdraw from a class will result in a failing grade.** The final date for withdrawal is published in the Academic Calendar on the Rockhurst website, www.Rockhurst.edu.

**Withdrawal Grade**

Classes dropped during the official Drop/Add period are not reflected on the student’s permanent record. Courses dropped after the drop/add period are recorded with grade notations of “W” (withdrawal) or “WF” (Withdrawal Failing). **The student’s failure to process course withdrawals correctly will result in a failing grade.**

**Complete Withdrawal from the University**

A student who formally withdraws from the University on or before the last date to withdraw in a given semester will be withdrawn from all courses, except those courses that have previously been completed or have a grade of “I” (Incomplete) in that same semester. The notification to formally withdraw from the University includes the date the student notified in writing the Registrar or the Financial Aid Office of his or her intent to withdraw. If the student ceased attendance, but did not begin the withdrawal process or notify the institution concerning their intent to withdraw, the mid-point of the semester will be the official withdrawal date for the purpose of Title IV Aid. (See withdrawal and refund in the Financial Aid Section of this catalog). However, the student who fails to withdraw from the institution is responsible for financial obligations to the University based on the University’s tuition and housing refund policies. Students can initiate the formal withdrawal process in the Office of the Registrar.

If a student has registered for the next semester, and decides before the semester begins not to attend, the student must contact the Office of the Registrar immediately, in writing, to withdraw from all classes. Written notification may include e-mail notification, however, only through the Rockhurst student e-mail account. After classes have begun for the semester, the students will be responsible for all charges incurred until the student notifies in writing the Office of the Registrar or Office of Financial Aid. Refunds of charges will be given according to the Tuition Refund Schedule.
Appeal
If a student fails to notify the Registrar or Financial Aid Offices of their intent to withdraw because of circumstances beyond the student’s control, an appeal may be made to the Withdrawal Committee. The student will be expected to provide documentation of specific extenuating circumstances to the committee. At this time the recommendation of the dean will also be considered. The decision, however, to accept or reject the appeal will be at the discretion of the committee. Appeals should be sent to the attention of the Financial Aid Director who serves as the chair of the committee.

Exchange Programs
The Kansas City Area Student Exchange Program (KCASE) is a standing exchange agreement between Rockhurst University and other regional institutions. Participating institutions are Avila College, Kansas City Art Institute, Kansas City Metropolitan Community Colleges, University of Missouri-Kansas City, and Park University. Rockhurst also has an independent agreement with William Jewell College. Full-time undergraduate students (enrolled in at least 12 semester hours) at one participating institution may take one additional course per semester at another participating institution without paying additional tuition. Students pay full-time tuition to their home institution and owe the other institution only such fees in addition to tuition as may be associated with the course itself (such as laboratory fees).

For Rockhurst University students, courses taken at another institution through the KCASE program must be applicable to their degree program. Taking courses through the KCASE program does not violate the final 30-hour residency rule. Rockhurst students must first obtain advisor approval in order to take courses at another KCASE institution. Grade requirements for courses taken through the KCASE program are the same as for transfer courses; the student must earn at least a “C-”. Students should have an official transcript sent to the Rockhurst University Registrar’s Office, where acceptable credit will be posted on the student’s permanent record as transfer credit. Only full-time undergraduate students may take courses under an exchange program. If an exchange course puts the student over the 18-hour full-time limit, there is no charge for the additional hours. To register for a course at another participating institution, students complete the Kansas City Area Student Exchange Program Approval form, and the Pre-Approval of Transfer Credit form, both of which are available from the Registrar’s Office. This program is not available during the summer sessions.

Pass/No Pass Option
The Pass/No Pass registration/grading option is available to undergraduate students who are in good academic standing (a cumulative GPA of at least 2.0) and who have achieved junior status. Eligible students may exercise the option for strictly elective courses only; i.e., courses taken to fulfill core, major, or minor requirements cannot be taken for Pass/No Pass grading. After achieving junior status, students can complete one elective course per semester for Pass/No Pass credit, and one course during the summer for Pass/No Pass credit, not to exceed a total of 12 hours. Neither a Pass nor a No Pass affects the student’s GPA, but a Pass does add credit to the total hours completed.

A student must merit “C” work or better in order to receive a Pass in a Pass/No Pass course. Thus, a grade of “C-” would result in a No Pass and the student would not receive credit for the course. The letter grade assigned by the faculty member will be converted to a Pass (P) or a No Pass (NP) in the Registrar’s Office.
The Pass/No Pass registration/grading option can be requested in the appropriate dean’s office during the period of time between the first day of classes and the last day for delayed entrance into classes. These dates are published in the “Academic Calendar” on the Rockhurst University web site. It should be noted, however, that students will be allowed only one course for Pass/No Pass status during a summer session, even though the University may offer courses in several different short terms. After the last date for delayed entrance into classes, the Pass/No Pass option cannot be granted. Students may change from Pass/No Pass registration status to a traditional status during the first 21 calendar days of the semester (or the first nine calendar days of an accelerated term). After this period, a request for a change from Pass/No Pass status to traditional grading status cannot be granted.

Registration Procedures
Complete information about registration procedures can be found online at the Rockhurst University website: www.rockhurst.edu.

Registration and Graduation Holds
Students with financial, academic, or other obligations to the University will not be able to register for classes until arrangements have been made to fulfill those obligations. Students with academic or other obligations to the University will not be able to graduate until arrangements have been made to fulfill those obligations. Academic obligations include such things as transcripts the student has not provided to the University. For institutional accreditation reasons, the University is required to have on file official transcripts from all institutions of higher education a degree-seeking student has attended, whether or not the credit is applied to their Rockhurst degree program.

If a student is seeking a certificate at Rockhurst, and they have received a degree from another university, they are required to provide only a transcript from that university. If they have not received a degree elsewhere, they must provide transcripts from all other colleges. If the certificate-seeking student has no college credit, they must provide their official final high school transcript showing their graduation date or provide their GED.

ADMINISTRATIVE POLICIES

Records of Academic Permissions and Exceptions to Policy
Permissions, academic board decisions and other records of exception to policy are filed with the Registrar, who maintains these along with other student records.

Access
Rockhurst University welcomes qualified students from diverse backgrounds and strives to maintain an atmosphere of respect and sensitivity toward the ultimate dignity of every person. Rockhurst University does not discriminate on the basis of race, color, gender, religion, national origin, age, disability or any other status protected by applicable law in the administration of its educational policies and other University-administered programs. It is the policy of Rockhurst University to provide reasonable accommodations for students defined as disabled in Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and other applicable law.

The Access Office assists Rockhurst University in complying with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Students in
need of accommodations must identify themselves to the Access Office and provide documentation of their disability. The Office then is able to facilitate reasonable accommodation for equal access to academic and other University-administered programs. The Access Office is located in Massman Hall, Room 7, (816) 501-4689.

Assessment
Rockhurst University is committed to a comprehensive, ongoing assessment process. On occasion students will be expected to participate in aspects of this program so that the institution can document its strengths and identify opportunities for improvement. Student involvement is integral to the University’s success in this endeavor.

Change of Address
All students should notify the Office of the Registrar immediately of any change in their address or those of their parents or guardians. International students are required by Immigration authorities to notify the Office of the Registrar of any change of address within 10 calendar days of that change. If the correct address is not on file, students may not receive information regarding their enrollment, financial aid, student account, graduation, and other important matters. The University assumes no responsibility for materials sent through the mail not received. Currently-enrolled students may change their address on the Web in a secure environment if they have obtained a Personal Identification Number (PIN) from Computer Services.

Classification of Undergraduates
Undergraduate degree-seeking students are classified as follows:

- **Freshmen**  0-29 earned semester hours
- **Sophomore** 30-59 earned semester hours
- **Junior**    60-89 earned semester hours
- **Senior**   90 and above earned semester hours

Name of Record
A student’s name of record includes the first name, middle initial or full middle name, and the family name. Nicknames should not be used. The University will change the name of a current student on its official records on request but requires satisfactory evidence of a legal basis for the change.

Student Rights Under the Family Educational Rights and Privacy Act (FERPA)
The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student’s education records within 45 days of the day the University receives a request for access.
   Students should submit to the registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student’s education records that the student believes are inaccurate or misleading.
Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. **The right to consent to disclosures of personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent.**

   One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student servicing on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

   A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

4. **The right to file a complaint with the U.S. Department of Education concerning alleged failures by Rockhurst University to comply with the requirements of FERPA.** The name and address of the Office that administers FERPA is:

   Family Policy Compliance Office  
   U.S. Department of Education  
   600 Independence Avenue, SW  
   Washington, D.C. 20202-4605

**Directory Information**

Directory information concerning students may be released unless the student specifically requests that such information be withheld. In compliance with FERPA, Rockhurst University defines directory information as student’s name, address, telephone listing, email address, date of birth, place of birth, grade level, major field of study, dates of attendance, full time/part time status, degrees, honors, and awards received, participation in officially recognized activities and sports, and the most recent previous educational institution attended by the student. Students who wish to restrict the release of directory information must notify the Office of the Registrar in writing during the first week of each academic term. Upon receipt of such request the registrar will designate that their directory information is confidential and not to be released outside the University except to individuals, institutions, agencies, and organizations authorized in the act.

**Student Right-to-Know Act Information**

In compliance with the requirements of the 1990 Federal Student Right-to-Know Act, Rockhurst University makes available to all current and prospective students the graduation/persistence rate of its undergraduate students. The following statistics are provided in the format and for the topics established by law.
Persistence Rate for the 1999 Cohort
A “cohort” is the group of students entering Rockhurst as full-time students for the first time during the same semester. The following statistics describe all students in the cohort.

Number of first-time, full-time, degree-seeking undergraduates entering Rockhurst University in the fall of 1999: 303
Number of allowable exclusions (students who entered the armed forces, church missions of U.S. “foreign aid service”): 0
Final number in cohort: 303
Persisters (number in cohort who have continued to re-enroll or have completed degrees by spring of 2005): 185
Persistence rate (percentage of cohort who have continued to re-enroll or have graduated by spring of 2005): 61.1%

Rockhurst University’s Diversity Statement
Rockhurst University is committed to fostering a diverse community and to promoting greater awareness and sensitivity to issues of diversity. This effort is an important part of educating “men and women for others.” The University is committed to the goal of freedom from discrimination and harassment in all its endeavors.

Rockhurst’s Jesuit Mission and Values call for all members of the Rockhurst community to embrace a set of values that guide our behavior toward one another. These values affirm a commitment to providing personal care for every member of our community, and a sensitivity toward the dignity and sacredness of every person. They call on members of our community to demonstrate a realistic knowledge of the world, and to find God in all things and all people, particularly in the poor and oppressed.

Based on this mission and values, all members of the Rockhurst community are expected to demonstrate the highest standards in their interaction with people of all backgrounds. This requires a community that actively displays sensitivity to differences of race, gender, age, ethnicity, national origin, culture, sexual orientation, religion and disabilities among students, faculty, administrators and staff.

All members of the Rockhurst University community are expected to embrace these values and to foster an environment that contributes to the growth and development of each member of our community.

University Communication with Students
Clear and timely communication allows students to receive information related to policies, programs, events, and other practical matters (i.e. billing, grades, etc.) affiliated with their education at Rockhurst. The University has established several key routes for communication with students including:

- Rockhurst E-mail Account: All Rockhurst students receive a University e-mail account. All e-mail communication from the University is directed exclusively to the Rockhurst electronic mailbox system. Students are expected to access their e-mail account on a regular basis (daily is recommended) in order to stay abreast of important and time-sensitive information. University departments, faculty, and staff will routinely use e-mail to communicate important campus, academic, and extra-curricular/co-curricular information. It is the responsibility of each student to check their e-mail regularly. The University ensures that all official e-mail communications originate from the University domain. It is the responsibility of each student to check their e-mail regularly.
to clean their e-mail boxes to allow capacity for incoming messages (i.e. empty deleted items, keep a limited number of sent items, etc.). For further information on your Rockhurst e-mail account, please see Computer Services (Conway Hall 413; x4357; www.rockhurst.edu).

- Addresses and Phone Numbers: Students are required to maintain accurate local, billing, permanent, and emergency contact information so that attempts to communicate by the U.S. Postal System as well as phone will not be impeded. To make changes to your addresses or phone numbers of record, please visit the Rockhurst website (www.rockhurst.edu; Oracleweb section under Registrar) or contact the University Registrar (Massman Hall 110).

- Voicemail Boxes: Students who live in Rockhurst’s residence halls and Townhouse Village are required to set up and regularly check their voice mail boxes. For assistance please speak to a Residence Life staff member or the Switchboard Operator (Massman Hall, 1st Floor Entry).

- Campus Mailboxes: Students who live in Rockhurst’s residence halls, Townhouse Village, or Theme Houses are assigned a campus mailbox located in Massman Hall where U.S. Postal Service mail and other University communications are delivered. For assignment inquiries please connect with Residence Life (Masman Hall 2) and for mailbox malfunctions please speak with the Mailroom staff (Massman Hall, Lower Level).

Students’ failure to set-up, maintain, or update any of the above communication devices will not excuse them from being responsible for information and deadlines enclosed within the attempted communications by the University. Rockhurst strongly encourages students to communicate with relevant University offices regarding information needs, questions, and concerns, and welcomes new and innovative ideas for enhancing communication with the student body as a whole.
THE CURRICULUM

The values and beliefs expressed in Rockhurst’s mission statement are central to all of the University’s educational endeavors. The curriculum is the organizing framework by which the development of the human intellectual capacity for the pursuit of this mission is most effectively realized.

The curriculum stands at the center of students’ college experience as the structure around which they select their courses, clarify their interests and goals, and earn their degrees.

Earning an Undergraduate Degree at Rockhurst University

Requirements for all degrees offered by Rockhurst University are as stated in the appropriate section of this Catalog. Undergraduate degrees from the College of Arts and Sciences, School of Graduate and Professional Studies, Helzberg School of Management, and Research College of Nursing require that the student successfully complete 128 semester hours of courses with a minimum cumulative grade-point average of 2.00. These credits must include the liberal core requirements as well as the coursework required by the academic major the student is pursuing.

THE LIBERAL CORE CURRICULUM

All undergraduate degree-seeking students, regardless of major or program of study, complete the core curriculum as part of their graduation requirements. The core curriculum reflects the Jesuit ideal of a well-rounded education and the development of inquisitive, life-long learners. By introducing students to fundamental intellectual skills and methods, or modes of inquiry, employed in the pursuit of knowledge, the core curriculum aims to cultivate a broad range of student intellectual abilities. The Rockhurst core curriculum includes required courses in seven modes of inquiry as well as courses in three academic proficiencies that support the modes.

The Seven Classical Modes of Inquiry

The modes of inquiry—that is, the methods or systems by which the human intellect pursues some essential knowledge, truth, or aspect of truth—give structure to the core curriculum (that set of required courses taken by all degree-seeking undergraduate students) in a way that encourages the full development of students in various aspects of their humanity. As methods or systems, each mode suggests the appropriate kinds of questions to be asked in its study, organizes the steps by which study is furthered, and measures what counts as progress in its particular sphere.

◆ The Artistic Mode of Inquiry. This is the exploration through study and practice of the imaginative expression of the human condition through objects and processes that communicate by non-verbal means. By studying and working in at least one form of the fine or performing arts, students learn to understand and articulate the relationship between artistic form and expression. They come to understand that the formal and expressive language of the arts can transcend cultural barriers, thus enlarging our understanding of our world. Students must successfully complete three hours of level-one approved coursework in art, music, or theatre.
◆ The Historical Mode of Inquiry. This is the systematic recollection and analysis of significant past events. Our collective memories, given shape and discipline by methods designed to explore the past, provide the experience from which we define the present and consider the future. The human past and human cultures are understood not in isolation, but in the context of broader trends and developments. When we pursue the historical mode of inquiry we add chronological perspective, persuasive stories, and analytical skills to raw human memory. Students must successfully complete at least one approved three-hour level-one course in the history of civilization. They must also successfully complete at least one approved three-hour level-two course in either the historical or the literary mode of inquiry.

◆ The Literary Mode of Inquiry. This mode of inquiry explores the imaginative expression of human experience through the various aspects of language. The process of expressing ourselves through language shapes our knowing and organizes our experience. The employment of language to provide identifiable symbols and images creates an understanding of truths and ideas; it also gives structure and meaning which clarify our ideas in our own expression and in the written work of others by comprehending and analyzing the figurative significance found in the literal statement. Familiarity with languages and cultures other than one’s own further expands the student’s entry into the literary mode and extends the invitation to compare and experience different views of the world. Students must successfully complete at least one approved three-hour level-one course in literature. They must also successfully complete at least one approved three-hour level-two course in either the literary or the historical mode of inquiry.

◆ The Scientific-Causal Mode of Inquiry. Scientific modes of inquiry are logical systems of principles and procedures developed to discover the shape, form, properties, and behavior of the constituent parts of nature. This mode requires rigorous tests of hypotheses and confidence statements about causality, and the explanations that result have as their ultimate goal the falsification or confirmation of theories. This mode of inquiry relies on controlled scientific experiments that can reveal causal relationships. Students must successfully complete at least one approved four-hour level-one course in science. This course must have a laboratory component. Students must also successfully complete at least one approved level-two three-hour course in either the scientific-causal or scientific-relational mode of inquiry.

◆ The Scientific-Relational Mode of Inquiry. The various forms of the relational mode of inquiry seek to describe the naturally occurring variation of individuals, social groups, species, or objects. This mode of inquiry is grounded in the systematic collection, organization, and classification of observations that are measured either qualitatively or quantitatively. Such inquiry may be either descriptive or relational, and may lead to theories that explain observed relationships and generate testable hypotheses. Students must successfully complete one level-one course and one level-one or level-two course in a social or behavioral science. Two different disciplines must be represented. Students must also successfully complete at least one approved level-two three-hour course in either the scientific-relational or scientific-causal mode of inquiry.

◆ The Philosophical Mode of Inquiry. This mode of inquiry makes claims about knowledge regarding ourselves and the world, and critiques such claims. It seeks to acquaint students with an organized body of knowledge based on moral experience, and
which shows the student how to critically evaluate the grounds for judging human conduct. It seeks ways to improve logical techniques in identifying, explaining, and evaluating assumptions, concepts, and arguments. It seeks ways of distinguishing philosophical understanding from other ways of knowing, and it imparts skill in identifying and critiquing the assumptions of other disciplines. Students must successfully complete at least one approved three-hour level-one course in philosophy, and at least one approved three-hour level-two course in ethical theory. They must also successfully complete at least one approved level-two three-hour course in either philosophy or theology.

◆ The Theological Mode of Inquiry. Christian theological inquiry is a critical, methodic, ongoing exploration, examination, and development of the content of Christian religious faith in an attempt to understand and to express the content of that faith in the most adequate and appropriate concepts and language available. Moreover, this mode of inquiry seeks to express the meaning and significance of Christian religious faith for the whole lives of individuals and communities committed to that faith so that they can realize it as fully as possible, and also, so that those external to Christianity have the best opportunity for understanding the intellectual and existential aspects of that religious faith. In so doing, theological inquiry attempts to articulate an adequate and appropriate Christian theistic vision of existence which spells out an intellectually compelling understanding of itself and concomitantly, a holistically satisfying account of the significance and destiny of human life in all its complexities within that Christian vision. Critical religious studies of faiths other than Christianity enrich and complement this mode of inquiry; these studies are an important part of Christian theological inquiry. Students must successfully complete TH 1000 Christianity I: Foundations and TH 3000 Christianity II: Development and at least one other approved three-hour level-two course in either theology and religious studies or philosophy.

The Proficiencies

◆ Proficiency in Oral Communication. This proficiency involves skill in critical listening and oral communication. Students become proficient through regular, sustained, intensive practice. They learn to recognize, identify, and analyze interpersonal, public, cross-cultural, verbal, and nonverbal communication, and they learn to apply these skills in a variety of situations. Students must successfully complete at least one approved three-hour course in college-level oral communication.

◆ Proficiency in Written Communication. Proficient writing is the process of selecting, combining, and developing ideas in effective sentences, paragraphs, and longer units of discourse. Writers must cope with many variables: method of development, purpose, tone, possible audiences, mode of composition, and copy-editing. Learning to write at the college level involves developing skill in using and combining these variables to shape appropriate messages for various situations. Generally, students must successfully complete two approved three-hour courses in college-level composition. Advanced students may satisfy the proficiency in written communication by one approved advanced composition course.

◆ Proficiency in Mathematics. People who are mathematically proficient have well-developed skills in deductive reasoning and the ability to apply those skills in an informed manner. Mathematics is a natural vehicle for building critical thinking skills because it involves postulation, logical reasoning, and symbol manipulation. The ability to propose an idea, construct a logical sequence of supporting statements, and capture the characteris-
tic features of the idea in symbolic form are central features of critical thought. Proficiency in mathematics also equips students with an ability to understand and participate in a highly technical society. Students must successfully complete at least one approved three-hour course in college-level mathematics.

**Summary of the Liberal Core Curriculum**

Some of these courses have Honors equivalents. The Integrated Humanities sequence can satisfy several core requirements. Many core courses can also be applied to major requirements. For transfer equivalencies, consult the Registrar's Office.

### Proficiencies (9-13 semester hours)

**Written Communication**  
EN 1110 College Composition I and  
EN 1120 College Composition II OR  
EN 1140 English Composition

**Oral Communication**  
CT 2000 Fundamentals of Communication  
(EN 1110 or equivalent prerequisite)

**Mathematics**  
3-4 semester hours of approved college-level mathematics

### Modes of Inquiry (39-41 semester hours)

**Artistic Mode**  
3 semester hours of approved coursework in art, music, and/or theater

**Historical Mode**  
HS 1100 Survey of Western Civilization I OR  
HS 1500 Survey of Western Civilization II OR  
HS 1701 World Civilizations to the 17th Century OR  
HS 1702 World Civilizations Since 1492

**Literary Mode**  
EN 2740 World Literature Through the 16th Century OR  
EN 2760 World Literature Since the 16th Century OR  
EN 2900-2989 Studies in World Literature

◆ In addition, one approved 3-hour Level II course from either the Historical or Literary Mode.

**Philosophical Mode**  
PL 1100 Reality and Human Existence and  
PL 3100 Ethical Theory

**Theological Mode**  
TH 1000 Christianity I: Foundations and  
TH 3000 Christianity II: Development

◆ In addition, one approved 3-hour Level II course from either the Philosophical or Theological Mode.

**Scientific-Causal Mode**  
4 semester hours of physical or biological science, including laboratory

**Scientific-Relational Mode**  
6 semester hours in two different social or behavioral sciences

◆ In addition, one approved 3-hour or 4-hour Level II course from either the Scientific-Causal or the Scientific-Relational Mode.
Coding Scheme for the Core Curriculum
Courses approved for inclusion in the core curriculum are noted as such in this Catalog and in the Course Schedules available on the Rockhurst University website, www.rockhurst.edu. Faculty and students should consult either of these documents to determine which courses meet liberal core requirements. The notations that appear beside the course name indicate where it fits into the core:

“OCP” – course that satisfies the oral communication proficiency
“WCP” – course that satisfies the written communication proficiency
“MTP” – course that meets the requirements of the mathematical proficiency

Courses that fit the requirements of the modes of inquiry may be recognized by the abbreviations:

“AR” – Artistic Mode of Inquiry
“HS” – Historical Mode of Inquiry
“LT” – Literary Mode of Inquiry
“SC” – Scientific-Causal Mode of Inquiry

“SR” – Scientific-Relational Mode of Inquiry
“PL” – Philosophical Mode of Inquiry
“TH” – Theological Mode of Inquiry

The Roman numeral beside the abbreviation indicates whether the course is at level-one (“I”) or level-two (“II”).
COLLEGE OF ARTS & SCIENCES

Academic Administration

Dean
Shirley A. Scritchfield, Ph.D.
Associate Dean
D. Philip Colombo, Ph.D.
Assistant Dean
Koleen M. Kolenc, Ph.D.
Assistant Dean
Ruth E. Cain, Ed.D.
Director of Academic Advising
Robert Hamilton, M.A.
Division of Behavioral and Social Sciences
Steven W. Brown, Ph.D.
Division of Humanities and Fine Arts
Joseph A. Cirincione, Ph.D.
Division of Natural, Applied and Quantitative Sciences
Robert F. Hegarty, Ph.D.
Division of Philosophy, Theology and Religious Studies
Joann Spillman, Ph.D.

The College of Arts and Sciences grants the Bachelor of Arts, the Bachelor of Science, and (in cooperation with Research College of Nursing) the Bachelor of Science in Nursing degrees. Students may choose one of thirteen major fields of study leading to the Bachelor of Arts degree, or one of eight major fields leading to the Bachelor of Science degree. The College also offers a variety of minors, certificates, and pre-professional programs.

Tradition of the Liberal Arts

The academic programs administered by the College of Arts and Sciences comprise what are broadly recognized as the liberal arts and the pre-professional programs growing out of the liberal arts disciplines. As such, these programs relate directly to a tradition of learning stretching back to the medieval universities. The liberal arts were prized as the intellectual disciplines calculated to form social leaders and well-cultivated spirits in addition to keen intellects. In the Jesuit tradition, the liberal arts aimed to develop the whole person as a “contemplative in action” and to encourage life-long learning. This tradition continues at Rockhurst University as students are exposed to a broad range of programs in the arts and sciences and provided opportunities to train their minds, cultivate their spirits, and prepare themselves as leaders of the contemporary world.

Career Preparation in the Liberal Arts Tradition

Students often ask advisors for advice on what major they should choose. Many begin the process of declaring a major by asking themselves what sort of career various majors will prepare them for, but this may be the wrong question. Most undergraduate majors do not provide immediate credentials that translate directly into a well-defined career track. Suppose students are interested in a law career. Does that automatically mean that they must major in political science? Or does a prospective physician have to be a biology major?
Clearly not—a law school is as likely to admit an English major as it is to admit a political science major; medical schools take undergraduate chemists as readily as they take biologists. Professional schools are often surprisingly liberal in the undergraduate majors they accept.

Students who plan to begin their careers as soon as they finish college will often find that an undergraduate major has not prepared them for a specific job. Rather, their education has provided skills and knowledge which can be applied to a wide variety of careers. Many corporations and organizations are interested in hiring people who have completed a solid undergraduate degree regardless of their major.

Students should avoid imposing unnecessary and misguided restrictions on both their studies and their prospective careers. They should consider the world of work when declaring a major, but they will think about that world with greater clarity if they ask other questions first: What do I enjoy doing? What are my hobbies, and why do I enjoy them? What courses have I enjoyed? What kinds of books do I like to read? What problems do I like to solve? Thinking along these lines can ease the anxiety many college students feel when they must declare a major. There is no reason to major in a field that does not develop the student’s own abilities and interests.

**Art (AR)**

(Department of Communication and Fine Arts)

*Associate Professor* Peter J. Bicak, Ph.D. (Chair)

*Associate Professor* Will Valk, M.F.A.

The philosophy of the art program rests on the belief that art is not an ornament to education but an essential way of grounding knowledge in experience. The arts present the human rather than the theoretical implications of knowledge. In a complex and rapidly changing society the study of art introduces the student to a universal human activity and to a visual language which infuses forms with meaning and affirms our common membership in one human family. In art history and in studio Rockhurst offers courses which can provide a firm foundation for productive future study.

**Minor Field of Concentration**

The lower-division prerequisites for the minor in art are one of the following: AR 1110, AR 1120, AR 1130, or HU 2110 and HU 2120, or HU 2210 and HU 2220; and three of the following: AR 1200, AR 1250, AR 1300, AR 1350, or AR 1400. The upper-division course requirements are three of the following: AR 3200, AR 3250, AR 3300, AR 3350, or AR 3400. An additional upper-division course or independent study in painting, sculpture, ceramics, or photography completes the requirements. A grade of C or better is required in each upper-division course in the minor. (A grade of C- will not fulfill the requirement.)
AR 1110, AR 1120. Introduction to Art History I, II (3)

*Fall and Spring semesters*

These courses provide a survey of the role of art in the western tradition and of the changing meanings which art has had at different periods and for different cultures within this tradition. The courses concentrate on several periods which have been of pivotal importance in shaping this tradition and examine the relationship which art has to the cultures which produced it and to ourselves today. AR 1110 follows the course of art from prehistory through the early Renaissance; AR 1120 concentrates on the period from the High Renaissance to the present. Each course has been designed as a complete unit and either or both courses may be taken in any order. (ARI)

AR 1130. Introduction to Non-Western Art (3)

This course explores the arts of Africa, Oceania, and Native America. The formal and expressive language of the arts can transcend cultural barriers and create a dialogue not only with individuals within one’s own culture, but also with individuals and cultures separated from us by time and space. This language is a way of expanding our understanding of the human condition. AR 1130 aims to expand the student’s worldview by introducing and exploring the visual and performance arts from the earliest archaeological finds to contemporary creations from Sub-Saharan Africa, Oceania (Polynesia and Melanesia) and the Native Americans. In doing so, the course aims to increase the student’s awareness of local art museums and art resources, improve visual acuity and research skills, and enhance descriptive and writing skills. (ARI)

AR 1150. Art in the Galleries (3)

Field trips to the various fine arts galleries in the city for an in-depth study of the many modes of expression in art. (ARI)

AR 1151. Seeing Art: Context and Experience (1)

Field trips to and the discussion and analysis of art exhibited in galleries and museums. (ARI—To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal 3 hours.)

AR 1200. Two Dimensional Studio: Drawing and Design (3)

This introductory course explores the techniques and principles of expressive composition in two dimensions. Through a series of projects in both design and representational drawing, the student becomes familiar with both a variety of media and the expressive possibilities of image making. Studio fee for materials. (ARI)

AR 1250. Three Dimensional Studio: Sculpture (3)

This course explores a fundamental and definitive human activity: the making of expressive objects. Through a series of projects using different materials and techniques the student develops an understanding of expressive design and the skills necessary to make his or her ideas a reality. Studio fee for materials. (ARI)

AR 1300. Painting I (3)

An introductory course in the expressive possibilities of painting in oils or acrylics and the techniques necessary for their achievement. The course emphasizes observation and originality of vision. Studio fee for materials. (ARI)

AR 1350. Ceramics I (3)

An introductory course in ceramics and pottery designed to give the student an understanding of terminology, historical development of the craft, basic construction techniques and an experience in three-dimensional art. Studio fee for materials. (ARI)

AR 1400. Basic Photography (3)

A lecture-discussion-demonstration course designed to acquaint students with the basis of photographic principles and techniques as they apply to media production. The technical thrust is the application of such practical techniques as: camera operation, exposing Black-and-White film, processing Black-and-White film and printing Black-and-White prints. The fundamental emphasis of this study is a basic understanding of the concepts and uses of the qualities of captured light in time. A 35mm, fully adjustable, single lens reflex (SLR) camera is required. Studio fee for materials. (ARI)

AR 1410. Color Photography (2)

Introductory course in the use of color in fine art photography. Emphasis is on 35mm transparencies. A 35mm, fully adjustable, single lens reflex (SLR) camera is required. Studio fee for materials.

AR 3050 (NS 3050). Scientific Illustration (3)

A study of the basic techniques necessary to produce preliminary and final illustrations suitable for publication of biological and technical subjects. Emphasis is placed on sketching, pen and ink drawings, continuous tone drawing, animal drawing, watercolor, printing techniques, layout and design, lettering and maps and graphs. Field trips to a zoo, a natural history museum and printing plant are planned. Students complete a number of major drawing assignments designed to give them the expertise needed to illustrate their own research as well as that of other workers. This course does not satisfy the natural science requirement. Lab fee for materials. Prerequisite: instructor approval.
AR 3200. Drawing and Design II (3)
Continuation of AR 1200. A further development of visual perception and manual skills. Studio fee for materials. Prerequisite: AR 1200 or equivalent. (ARI)

AR 3205. Graphic Arts (3)
Graphic Arts is an upper-level course designed to accommodate advanced students interested in pursuing the creation of two-dimensional images/art works. Students taking this course will be expected to develop a project or series of projects to be undertaken over the duration of one semester. The student and instructor will discuss the conceptual and technical aspects of the work, determining the expectations surrounding the final output. The number of projects completed will be dependent upon what media are used and the amount of time required to execute an image or project. All students will keep a daily sketchbook/journal. All students will submit a one-page artist’s statement at the close of the semester. May be repeated for credit. Studio fee for materials. Prerequisite: Drawing I (AR 1200), Painting I (AR 1300), or Photography I (AR 1400). (ARI)

AR 3250. Sculpture II (3)
Any art studio course is basically a matter of individual instruction. In Sculpture II the student can work on a project or series of projects in direct collaboration with the instructor. Studio fee for materials. Prerequisite: AR 1250 or equivalent. (ARI)

AR 3300. Painting II (3)
A further exploration of the possibilities of painting in oils or acrylics. Studio fee for materials. Prerequisite: AR 1300 or equivalent. (ARI)

AR 3350. Ceramics II (3)
Further work in ceramics and pottery with the opportunity to develop skill in wheelwork. Studio fee for materials. Prerequisite: AR 1350 or equivalent. (ARI)

AR 3400. Photography II (3)
This course investigates a variety of Black-and-White photographic techniques beyond those introduced in AR 1400. The student develops a portfolio which encompasses a wide span of endeavor. High contrast (litho), solarization, oil coloring, toning and infrared techniques are used. A 35mm, fully adjustable, single lens reflex (SLR) camera is required. Studio fee for materials. Prerequisite: AR 1400 or equivalent. (ARI)

AR 3450 (JN 3450). Photojournalism (3)
This course explores the ability of photography to record news events, stories of human interest, and contemporary social issues. Photographic techniques with 35mm black and white film and printing is introduced and reviewed. The analysis and criticism of images, the editing of photos and text, and the creation of narrative through the combination of word and image are primary areas explored. In addition, ethical and legal issues in photojournalism are introduced and examined. A 35mm, fully adjustable, single lens reflex (SLR) camera is required. Studio fee for materials. Prerequisite: AR 1400 or JN 2000 or instructor approval.

AR 3470. Alternative and Historic Processes in Photography (3)
This intermediate photography course covers hand-coated emulsions and contact printed negatives. Students experiment with a variety of photographic formulas, some formulas dating back to the 1840s, when photography was first discovered, and some recent developments in alternative and non-silver processes. Course requirements may include a project of photographs, a portfolio of work at the end of the semester, and demonstrated knowledge of chemistry interactions of emulsions, developers, and clearing agents. Issues of chemical safety, use and disposal are included in the course. Students learn different methods of negative and image production in addition to the paper production, exposure and processing necessary for these formulas. Techniques may include, but are not limited to: salted paper printing, kallitype, Van Dyke Brown, platinum, palladium, cyanotype, gum bichromate, ziatype. Prerequisite: AR 1400 or instructor approval.

AR 4400. Photography III (3)
The student furthers professional and aesthetic goals by building a photographic portfolio geared to student’s emphasis in photography. The course stresses professional preparation and training. Studio fee for materials. Prerequisite: AR 3400. (ARI)
BIOCHEMISTRY
(Departments of Biology and Chemistry)

Professor    Rev. James D. Wheeler, S.J., Ph.D
Associate Professor    James M. Chapman, Ph.D.
                       D. Philip Colombo, Jr., Ph.D.
                       Janet Cooper, Ph.D.
                       Dale W. Harak, Ph.D.
Assistant Professor    Lisa Felzien, Ph.D.
                       Annie Lee, Ph.D. (Co-Director)
                       Laura Salem, Ph.D. (Co-Director)

The goal of the biochemistry major is to give students a solid foundation in the sciences needed to understand the biological and chemical complexities in the processes of life. During the course of their studies students will develop the ability to think in an integrated manner and to look at problems from different perspectives. Additionally, they will learn the theory and application of the techniques of modern experimental biochemistry. Upon completion students will be able to engage in evaluative and critical thinking across the disciplines of chemistry and biology and integrate these disciplines into their chosen career paths or medical, professional, and graduate educations. Entering students will meet with an advisor from either the Biology or Chemistry Department to plan a curriculum tailored to their postgraduate aspirations and to help select the appropriate biology and chemistry courses.

The interdisciplinary nature of biochemistry requires that students study both biology and chemistry in order to understand the molecular processes of life. The major in biochemistry is designed to meet the needs of students interested in this interdisciplinary subject. Students completing a major in biochemistry will be prepared for careers in the pharmaceutical and biotechnology industries, for pursuit of graduate degrees in biochemistry and for entry into medical, veterinary, dental, or pharmacy schools. This degree program follows guidelines suggested by the American Chemical Society and the American Society of Biochemistry and Molecular Biology for an undergraduate degree in biochemistry.

Major Field of Concentration
A major in Biochemistry requires the following lower-division prerequisites: BL 1250 General Biology I, BL 1251 General Biology I Lab, BL 1300 General Biology II, BL 1301 General Biology II Lab, CH 2610 General Chemistry I & Lab, CH 2630 General Chemistry II & Lab, CH 2710 Organic Chemistry I, CH 2720 Organic Chemistry I Lab, CH 2730 Organic Chemistry II, CH 2740 Organic Chemistry II Lab, MT 1800 Calculus I, MT 1810 Calculus II, PH 2800/2810 General Physics I/General Physics I Lab, and PH 2900/2910 General Physics II/General Physics II Lab.

BL 1260 General Biology I, Honors and BL 1261 General Biology I Lab, Honors may be substituted for BL 1250 General Biology I and BL 1251 General Biology I Lab. CH 2650 Honors General Chemistry and Lab may be substituted for CH 2610 and CH 2630.

The following upper-division courses are required for the Biochemistry major: BL 3610 Genetics, BL 3611 Genetics Lab, BL 3620 Cell Biology, BL 3621 Cell Biology Lab, BL 3650 Molecular Biology, CH 3310 General Biochemistry I, CH 3320 Biochem-
A student must also participate in at least one research class with either BL 3990 or CH 3990 Introductory Research Projects fulfilling this requirement. One seminar class is required and either BL 3960 Biology Seminar or CH 4960 Chemistry Literature Seminar can be taken. Three hours of an instrumental theory and application class are required and can be satisfied by taking one of the following classes: CH 4430 Instrumental Analysis I or CH 4450 Instrumental Analysis II.

A grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.) Those students who are preparing for entry into graduate studies or industry should consult with their advisor to discuss which additional upper-division biology and chemistry classes to include in their programs.

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**BIOINFORMATICS (BI)**

(Department of Biology and Department of Mathematics, Computer Science and Physics)

*Associate Professor*  Kevin Burger, M.S. (Co-Director)
  John Cigas, Ph.D.
  Janet Cooper, Ph.D.

*Assistant Professor*  Lisa Felzien, Ph.D. (Co-Director)
  Laura Salem, Ph.D.

The Bioinformatics program at Rockhurst University prepares students for the rapidly developing interdisciplinary field of bioinformatics, which integrates theories and methods in molecular biology and computer science and enables the analysis of vast amounts of biological data. The program prepares students for graduate work in bioinformatics and for careers in pharmaceutical and biotechnology companies, government labs, and private research institutions.

The Bioinformatics major provides a strong background in both molecular biology and computer science. Students learn the language of molecular biology, including the important problems and techniques of this field. They also gain a background in computer science in order to use and build software systems which store and manipulate large biological datasets. Advanced research internships are available for students at the nearby Stowers Institute for Medical Research or the University of Missouri-Kansas City, which has Ph.D. programs in the biological sciences.

**Major Field of Concentration**

A major in Bioinformatics requires the following lower-division courses: BL 1250 General Biology I, BL 1251 General Biology I Lab, BL 1300 General Biology II, BL 1301 General Biology II Lab, CH 2610 General Chemistry I & Lab, CH 2630 General Chemistry II & Lab, MT 1800 Calculus I, MT 1510 Discrete Structures, CS 1110 Introduction to Programming, CS 1120 Introduction to Programming Lab, CS 2110 Computer Science Concepts, CS 2510 Data Structures, BI 2200.
The following lower-division courses are recommended: MT 1810 Calculus II, PH 2800 General Physics I, PH 2810 General Physics I Lab, PH 2900 General Physics II, PH 2910 General Physics II Lab.

BL 1260 General Biology I, Honors and BL 1261 General Biology I Lab, Honors may be substituted for BL 1250 General Biology I and BL 1251 General Biology I Lab. CH 2650 Honors General Chemistry & Lab may be substituted for CH 2610 and CH 2630.

The following upper-division courses are required for the Bioinformatics major: BL 3610 Genetics, BL 3611 Genetics Lab, BL 3620 Cell Biology, BL 3621 Cell Biology Lab, BL 3650 Molecular Biology, BL 3640/BL 3000 Bioinformatics, CS 3320 Algorithm Design and Analysis, CS 3410 Database Management Systems, and BI 4200. Also required are at least six credit hours of electives selected from the following courses: CH 2710 Organic Chemistry I and CH 2720 Organic Chemistry I Lab; CH 3310 General Biochemistry I; CH 3330 General Biochemistry II; CS 4410 Software Development; CS 4810 Introduction to Computer Graphics; MT 3810 Linear Algebra.

A grade of C or better is required in each upper-division course required for the major. (A grade of C- will not satisfy the requirement.)

**BI 2200. Introduction to Biostatistics** (3)
Fundamental procedures and concepts in collecting, summarizing, presenting, analyzing, and interpreting data in the biological sciences. Topics include descriptive statistics, probability, distributions, sampling, estimation and hypothesis testing, nonparametric methods, regression analysis, and analysis of variance. Applications are stressed, and computer packages for data analysis are introduced. Prerequisite: A grade of C or better in BL 1300 and either MT 1190 or MT 1800.

**BI 3000 (BL 3640). Bioinformatics** (3)
A study of techniques that are being used to rapidly advance the fields of molecular biology, medicine and genetics. This course utilizes computer technology to teach the theory and application of current techniques for exploring cell and molecular biology. Recent developments in the area of bioinformatics will be emphasized. Topics will include DNA sequencing, restriction enzymes, polymerase chain reaction (PCR), genome sequences, genome expression, DNA sequence alignments, phylogenetic trees, proteomics, and protein structure prediction. Prerequisite: BL 3610. BI 4200. Advanced Bioinformatics (3)
Advanced topics in bioinformatics to include more in-depth coverage of selected topics from BI 2000, including the application and development of bioinformatics tools. The student will complete a bioinformatics research project under the supervision of one or more faculty members. Prerequisite: A grade of C or better in BI 3000 or BL 3640, and senior standing.

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**DEPARTMENT OF BIOLOGY (BL)**

**Professor** Marshall L. Andersen, Ph.D.

**Associate Professor** Mary F. Haskins, Ph.D.
Janet Cooper, Ph.D. (Chair)

**Assistant Professor** Elizabeth I. Evans, D.V.M.
Lisa Felzien, Ph.D.
Chad Scholes, Ph.D.
Laura A. Salem, Ph.D.
Mindy Walker, Ph.D.

The biology department has two aims: first, to provide students preparing for careers in the biological disciplines with a firm and broad foundation in biology; second, to provide
students interested in other areas of knowledge with an insight into the problems of life and living organisms.

The department also seeks to instill in the student a deep respect for research and a sound and thorough scholarship in the field of biology; to motivate and to direct the student in the principles of research, both in the laboratory and in literature, always with a view to promoting intellectual honesty. Courses can be used in preparation for health care fields.

**Major Field of Concentration**

All students majoring in Biology must take two semesters of general biology (BL 1250/1251 and BL 1300/1301), Genetics (BL 3610/3611), Introduction to Research (BL 3910), and Advanced Principles of Biology (BL 4940). Students must also complete coursework in one of two tracks offered by the Biology Department. The macrobiology track is recommended for students considering graduate studies emphasizing anatomical, physiological, evolutionary, and ecological aspects of living organisms. The cell and molecular track is recommended for students intending to pursue graduate studies in cellular and molecular biology. Students intending to pursue post-graduate professional programs such as medicine, physical therapy, or occupational therapy may consider either track.

**Macrobiology Track Requirements**

BL 1250/1251 or BL 1260/1261 General Biology I or Honors Biology 3/1
BL 1300/1301 General Biology II 3/1
BL 3610/3611 Genetics 3/1
BL 3200/3201 Invertebrate Zoology 2/1
BL 3350/3351 Plant Biology 2/1
BL 3400/3401 Comparative Vertebrate Anatomy 3/1
BL 3700/3701 General Physiology 3/1
BL 3xxx or BL 4xxx One elective from Group D 3-4
BL 4xxx or BL 5xxx One elective from Group E 3-4
BL 3910 or option Introduction to Research 1
BL 4940 Advanced Principles of Biology 3

Total hours 36-38

**Group D**

BL 3620/3621 Cell Biology 3/1
BL 3650 Molecular Biology 3
BL 3100/3101 Microbiology 3/1
BL 4420/4421 Histology 3/1
BL 4700 Immunology 3

**Group E**

BL 4810/4811 Ecology 3/1
BL 4800 Evolution 3
BL 5400/5401 Gross Anatomy 4/1 (Requires acceptance to PT/OT)

**Cell and Molecular Biology Track Requirements**

BL 1250/1251 or BL 1260/1261 General Biology I or Honors Biology 3/1
BL 1300/1301 General Biology II 3/1
BL 3610/3611 Genetics 3/1
BL 3620/3621 Cell Biology 3/1
BL 3650 Molecular Biology 3
BL 3640/BL 3000 Bioinformatics 3
Undergraduate Programs

BL 3xxx            One elective from Group A            3-4
BL 3xxx/4xxx       One elective from Group B (not from A) 3-4
BL 4xxx            One elective from Group C            3-4
BL 3910 or option  Introduction to Research           1
BL 4940            Advanced Principles of Biology        3

Total hours 35-38

Group A
BL 3100/3101 Microbiology          3/1
BL 3200/3201 Invertebrate Zoology   2/1
BL 3350/3351 Plant Biology          2/1

Group B
BL 3100/3101 Microbiology          3/1
BL 3200/3201 Invertebrate Zoology   2/1
BL 3350/3351 Plant Biology          2/1
BL 3400/3401 Comparative Vertebrate Anatomy 3/1
BL 3450/3451 Embryology & Developmental Biology 3/1
BL 3700/3701 General Physiology     3/1
BL 4200            Parasitology              3

Group C
BL 4800            Evolution                 3
BL 4810/4811 Ecology                 3/1

Students are urged to consult with the department regarding their program of study as early in their academic careers as they can (during freshman year if possible). A grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.) Those students interested in pursuing graduate or professional degree studies are strongly encouraged to complete CH 2710/2720 and CH 2730/2740 Organic Chemistry I/II, CH 3450 Analytical Chemistry, MT 1800 Calculus I, PH 2800/2810 and PH 2900/2910 General Physics I/II, BI 2200 Introduction to Biostatistics, and computer proficiency.

Minor Field of Concentration
The minor in biology consists of the following courses: BL 1250/1251, BL 1300/1301, and BL 3610/3611. An additional minimum of nine hours of upper-division (BL 3xxx or BL 4xxx) courses in biology must be taken. Selection of these upper-division courses should be done with the advice of the Biology Department. A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

Several of the courses in this department are offered only once a year. Students should consult departmental faculty for any changes that may have been made in this list. Typically the courses listed below are offered either once a year, or in alternate years. Other departmental courses, with a few exceptions, are offered each semester.

Fall only
Honors General Biology I            Molecular Biology
Human Anatomy and Physiology II      Ecology
Plant Biology                        Gross Anatomy
Comparative Vertebrate Anatomy       Animal Behavior (odd years only)
Spring only

Human Anatomy & Physiology I
Accelerated Human Anatomy & Physiology
Invertebrate Zoology
Cell Biology
Bioinformatics
Embryology

BL 1150. Biology of the Contemporary Scene (3)
A course for non-science majors covering basic biological concepts and their application to current problems and philosophies. Lecture and discussion. Course is offered both semesters. For non-science majors. Corequisite: BL 1151. (SCI)

BL 1151. Biology of the Contemporary Scene Laboratory (1)
A laboratory course to be taken concurrently with BL 1150. This course provides laboratory exercises requiring the use of the scientific method to understand biological concepts. Emphasis is placed on approaches used by scientists to study biological problems. For non-science majors. Lab fee. Corequisite: BL 1150. (SCI)

BL 1250. General Biology I (3)
This course addresses selected basic biological concepts and principles within the framework of the scientific method and modern evolutionary theory. Emphasis is on cellular biology with topics including the basic chemistry, structure, regulation, energy transformation, photosynthesis, respiration, reproduction and genetics of living systems. Coverage includes those cellular principles most important to the understanding of living organisms and (along with BL 1300 and 1301) provides the student with the foundation for the remainder of the courses of the department. Course is offered both semesters. Corequisite: BL 1251. (SCI)

BL 1251. General Biology I Laboratory (1)
A laboratory course to be taken concurrently with BL 1250. Exercises reinforce concepts taught in BL 1250. Lab fee. Corequisite: BL 1250. (SCI)

BL 1260. General Biology I, Honors (3)
A course in basic biological concepts and principles. In addition to the concepts covered in BL 1250, the course emphasizes independent investigative methods and the development of critical scientific methodology. Course is offered fall semesters. Prerequisite: Acceptance into honors program or department approval. Corequisite: BL 1261. (SCI)

BL 1261. General Biology I Lab, Honors (1)
Laboratory experiences emphasize independent research topics and development of research skills. Lab fee. Corequisite: BL 1260. (SCI)

BL 1300. General Biology II (3)
This second semester general biology course focuses on ecological and evolutionary concepts. Fungi, plants, and animals will be compared with respect to their phylogeny, reproductive cycles, nutrition, nutrient transport, and response to environmental stimuli. Course is offered both semesters. Prerequisite: BL 1250/1251 or 1260/1261. Corequisite: BL 1301.

BL 1301. General Biology II Laboratory (1)
Labs meet weekly for three hours and support concepts taught in lecture. Course is offered both semesters. Lab fee. Prerequisite: BL 1250/1251 or 1260/1261. Corequisite: BL 1300.

BL 2929. Cellular Basis for Human Anatomy and Physiology (1)
This course is designed specifically for Nursing students. (Pre-MOT students should not take this course.) Contents include general biology topics such as cell anatomy, cell chemistry, Mendelian genetics, elementary principles of ontogeny, mitosis and meiosis. Course is offered in spring semesters and will meet twice weekly for the first eight weeks of the semester. Prerequisite or concurrent: CH 1050 and CH 1060 or equivalent. Corequisite: BL 2930 and BL 2931.

BL 2930. Human Anatomy and Physiology I (3)
Introduction to the anatomy and physiology of the human body. The course begins with a review of homeostasis, basic histology and the general body plan. The integumentary, skeletal, muscular, cardiovascular, respiratory and immune systems are then covered in detail. The study of each of these systems is organized around the central concept of homeostasis. Considerable time is devoted to the composition and maintenance of body fluids. Course is offered spring semesters. Prerequisite: BL 1250/1251 or 1260/1261 or equivalent or approval. For nursing students, concurrent enrollment in BL 2929 is sufficient. Corequisite: BL 2931.

BL 2931. Human Anatomy and Physiology I Laboratory (1)
The lab supports concepts and systems covered in the lecture. Human anatomy is emphasized in the lab and studied in part through the dissection of the cat. Lab fee. Prerequisite: BL 1250/1251 or 1260/1261 or equivalent or approval. Corequisite: BL 2930.
BL 2940. Human Anatomy and Physiology II (3)
Sequential course to BL 2930. Includes discussion of the anatomy and physiology of the remaining systems, including respiratory, endocrine, digestive, immunological, reproductive, and renal. Overview of the embryology of each system is also included. Course is offered fall semesters. Prerequisite: BL 2930/2931 or equivalent or approval. Corequisite: BL 2941.

BL 2941. Human Anatomy and Physiology II Laboratory (1)
Reinforces material covered in BL 2940 using experiments, models and prosections. Lab fee. Corequisite: BL 2940.

BL 2965. Accelerated Human Anatomy and Physiology (6)
A one-semester course in human anatomy and physiology designed for the accelerated nursing student with or without previous background in the subject. The course covers homeostasis, basic histology and general body design. Eleven body systems are covered in detail with considerable time devoted to composition and maintenance of body fluids. The lecture portion of the course is conducted online with exams and labs on campus. The lab portion of the course reinforces lecture material, using experiments, models, and dissections. Lab meets once a week. Lab fee. Prerequisite: BA or BS degree.

BL 3100. Microbiology (3)
The morphology, physiology and nutrition of micro-organisms and their role in nature and infection and immunity. Course is offered fall and spring semesters. Prerequisite: BL 1250/1251 or 1260/1261 or equivalent or BL 2930/2931. Corequisite: BL 3101.

BL 3101. Microbiology Laboratory (1)
A study of the techniques of microbiology, isolation, cultivation, observation, identification and immunological principles and practices. Lab fee. Corequisite: BL 3100.

BL 3200. Invertebrate Zoology (2)
An in-depth study of the form, phylogenetic relationships, ecology, anatomy, special adaptation and evolution of protists and animals. Course is offered spring semesters. Prerequisite: BL 1300/1301 or instructor approval. Corequisite: BL 3201. (SCII)

BL 3201. Invertebrate Zoology Laboratory (1)
Reinforces concepts from BL 3200 through microscope work, dissections and observations of living invertebrates. Lab fee. Corequisite: BL 3200. (SCII)

BL 3230. Animal Behavior (3)
An ethnological course studying the mechanics and evolution of behavior. The course includes historical ethology and its arguments; basic neural mechanisms; releasers; sign stimuli; learning theory; complex individual and social behaviors; species interactions and the evolution of behavior. Prerequisite: PY 1000 Introduction to Psychology or PY 1100 Honors Introduction to Psychology, and BL 1300/1301, or instructor approval.

BL 3350. Plant Biology (2)
Introduction to the structure, functions, classification and phylogeny of the plant kingdom. Course is offered fall semesters. Prerequisite: BL 1300/1301 or instructor approval. Corequisite: BL 3351.

BL 3351. Plant Biology Laboratory (1)
Reinforces concepts learned in BL 3350 through experiments and observation of living and preserved plants. Lab fee. Corequisite: BL 3350.

BL 3400. Comparative Vertebrate Anatomy (3)
A comparative study of the structure, function and development of vertebrate organ systems. Some emphasis is also placed on theories concerning the evolution of vertebrates based on anatomical comparisons. Prerequisite: BL 1250/1251 or BL 1260/1261 or equivalent. Corequisite: BL 3401.

BL 3401. Comparative Vertebrate Anatomy Laboratory (1)
Emphasizes, through dissection, the comparative and functional anatomy of organ systems in the shark, amphibian (salamander), reptile (turtle), bird and mammal (cat). Emphasis is also placed on dissection technique. Lab fee. Corequisite: BL 3400.

BL 3430. Seminar in Genetics (1)
A discussion of genetics papers of historical and current interest. Prerequisite or concurrent: BL 3610.

BL 3450. Embryology and Developmental Biology (3)
The study of the origin and development of organisms (with emphasis on animals) through consideration of the embryonic processes and study of successive changes producing adult forms. Emphasis in lecture is on the nature of the processes which initiate and control development. Some time is also spent examining other developmental processes including aging, cancer and birth defects. Prerequisite: BL 2930/2931 or BL 3400/3401 or instructor approval. Corequisite: BL 3451.

BL 3451. Embryology and Developmental Biology Laboratory (1)
Emphasis in lab is on the sequential structural changes (morphogenesis) which occur during embryonic development in selected organisms including the sea urchin, frog, chick and pig. Some lab time is also devoted to experimental analysis of development. Lab fee. Corequisite: BL 3450.
BL 3610. Genetics (3)  
*Fall and Spring semester*

A study of the principles of heredity and the operation of hereditary factors in the development of plants and animals. Lecture three hours a week. Prerequisite: BL 1300/1301, or instructor approval. Corequisite: BL 3611.

BL 3611. Genetics Laboratory (1)

A laboratory to reinforce concepts taught in BL 3610. Topics include classical, molecular, and population genetics. Students will perform and analyze genetic crosses in living model organisms, complete hands-on laboratory experimentation in molecular genetics, and analyze population genetics data. Lab fee. Prerequisite: BL 1300/1301. Corequisite: BL 3610.

BL 3620. Cell Biology (3)

A study of the structure, chemical and molecular, and function of the cell. While the eukaryotic cell and its components is the primary consideration, prokaryotic cells are studied and compared with their evolved descendants. Prerequisites: BL 1250/1251 or 1260/1261 or equivalent, and CH 2630 or 2650 or equivalent, or instructor approval. Corequisite: BL 3621.

BL 3621. Cell Biology Laboratory (1)

The student is introduced to those investigative techniques which are used in molecular and cell studies such as gel electrophoresis, affinity chromatography, enzyme and ELISA assays, blotting techniques, polymerase chain reaction, genetic engineering, DNA fingerprinting, cell surface receptor identification and other pertinent techniques unique to cell investigation. Lab fee. Corequisite: BL 3620.

BL 3640 (BL 3000). Bioinformatics (3)  
*Spring semester*

A study of techniques that are being used to rapidly advance the fields of molecular biology, medicine and genetics. This course utilizes computer technology to teach the theory and application of current techniques for exploring cell and molecular biology. Recent developments in the area of bioinformatics will be emphasized. Topics will include DNA sequencing, restriction enzymes, polymerase chain reaction (PCR), genome sequences, genome expression, DNA sequence alignments, phylogenetic trees, proteomics, and protein structure prediction. Prerequisite: BL 3610.

BL 3650. Molecular Biology (3)

A combined lecture and laboratory for the study of the chemical nature of DNA and the mechanisms and effects of gene expression. The molecular biology of prokaryotic organisms, eukaryotic organisms, and viruses will be examined, with an emphasis on genetic recombination, mapping, and expression. Advanced topics, such as the genetics of cancer and developmental genetics, will be approached through the analysis of current research in these fields. Lab fee. Prerequisite: BL 3610/3611.

BL 3700. General Physiology (3)

A comparative study of variations in, and adaptation to, physiological problems presented to animals and plants. Although cell physiology is noted, emphasis is placed upon the organismic level. All eleven systems are covered. Prerequisite: BL 1250/1251 or BL 1260/1261 or equivalent. Corequisite: BL 3701.

BL 3701. General Physiology Laboratory (1)

A laboratory course to reinforce the concepts learned in BL 3700. Lab fee. Corequisite: BL 3700.

BL 3900. Biology Field Trip (2)

An opportunity for biology majors to be exposed to the major ecosystems of North or Central America. A two-week intensive field experience that is prefaced by a semester-long weekly seminar discussing the uniqueness and general ecology of each ecosystem/biome to be visited on the trip. Areas visited have included Florida and the Keys, the desert southwest, montane regions of Colorado, Yellowstone National Park, and the Boundary Waters of Minnesota. One credit hour for the seminar and one credit for the field trip. Under extraordinary circumstances a student may take, with permission, the course for one credit hour for both seminar and trip. No more than 4 hours from this listing may be counted towards a biology major for any individual student.

BL 3910. Introduction to Research (1)

A course in the proper approach to research including library utilization, computer "search techniques" and experimental design. Each student is taught to complete all the steps necessary to implement a scientific research program. Prerequisite: Sophomore standing.

BL 3960. Biology Seminar (1)

Presentations by junior and senior students on a topic chosen each semester. Students are taught basic library search skills and are familiarized with Linda Hall Library. Attendance is open to all faculty and students.

BL 3990. Research Projects, Introductory (1-3)

The student plans and attempts a series of original laboratory investigations of a scientifically significant problem planned in weekly consultation with the supervising faculty member, conducts the necessary literature searches, maintains a professional style laboratory notebook, makes at least one oral presentation of results, and prepares a research report according to standards established by the department. Lab fee. Prerequisite: Instructor approval.
BL 4200. Parasitology (3)
A combined lecture and laboratory for the study of animal parasites. Emphasis includes the evolution of parasitism, host-parasite ecology, parasites important to humans and diagnostics. Lab fee. Prerequisite: BL 1300/1301 or equivalent or instructor approval.

BL 4300. Plant Diversity (3)
Principles of classification of plants, use of keys, identification of local angiosperm flora. Prerequisite: BL 3350/3351 or equivalent or instructor approval. Corequisite: BL 4301.

BL 4301. Plant Diversity Laboratory (1)
The laboratory includes several field trips to study the plants in their natural habitat. Lab fee. Corequisite: BL 4300.

BL 4420. Histology (3)
The functional anatomy of vertebrate tissues. Emphasis in lecture is placed on general and specific characteristics of tissues on both microscopic and ultramicroscopic levels, development of tissues (histogenesis) and changes in tissues occurring during an organism's lifetime. Offered spring semesters of even-numbered years. Prerequisite: BL 3400/3401 or equivalent. Corequisite: BL 4421.

BL 4421. Histology Laboratory (1)
The laboratory emphasizes practical aspects of histology including microscopy, histochemistry and histopathology. Lab fee. Corequisite: BL 4420.

BL 4700. Principles of Immunology (3)
A combined lecture and laboratory which studies the mechanisms involved in the response of organisms to foreign organisms or other agents. Specific and non-specific factors in immunity, natural and artificial immunity, the nature of antigens and antibodies and their reactions both in vivo and in vitro, immunogenetics, as well as the immunology of tumors and grafts are considered. Lab fee. Prerequisite: BL 1250/1251 or 1260/1261 or equivalent or instructor approval.

BL 4710. Human Reproductive and Developmental Physiology (2)
A short course on the biology of human reproduction from gamete production and fertilization to implantation; formation of the embryo and the necessary physiology for the maintenance of both the maternal and fetal units in gestation. Prerequisite: BL 2940/2941 or BL 3400/3401 or instructor approval.

BL 4800. Evolution (3)
A study of the evidence and mechanisms of evolution of all organisms. Basically a course in the theory of evolution including Hardy-Weinberg equilibria, genetic drift, niches and geographic, genetic and biological speciation. Prerequisite: BL 1300/1301 or equivalent or instructor approval.

BL 4810. Ecology (3)
A study of the composition, dynamics, development and distribution of the abiotic and biotic parameters of natural populations and communities. Lecture three hours a week. Prerequisite: BL 1300/1301 or instructor approval. Corequisite: BL 4811.

BL 4811. Ecology Laboratory (1)
Field-intensive course with instruction in proper applications of statistics to ecological problems, sampling techniques in forest, grasslands, streams, ponds and lakes, and sampling from major taxa of plants, animals, fungi and protista. Lab fee. Corequisite: BL 4810 or instructor approval.

BL 4940. Advanced Principles of Biology (3)
The capstone course for biology will incorporate student-led seminars as starting points for discussions reviewing and integrating the major concepts of biology as applied across all kingdoms. Seminar and discussion. Prerequisite: Senior standing.

BL 4990. Research Projects, Advanced (1-3)
The student plans and attempts a series of original laboratory investigations of a scientifically significant problem planned in weekly consultation with the supervising faculty member, conducts the necessary literature searches, maintains a professional style laboratory notebook, makes at least one oral presentation of results, and prepares a research report according to standards established by the department. Lab fee. Prerequisite: Instructor approval.

BL 5400. Gross Anatomy (4)
An integrated regional approach to the study of the structure and function of the human body, with emphasis on the musculoskeletal and peripheral nervous system. The study of the fundamental tissues, organs, and other systems of the body cavities is also included. Prerequisite: Acceptance into occupational therapy education or physical therapy education program. Corequisite: BL 5401.

BL 5401. Gross Anatomy Laboratory (1)
Meets twice a week. Reinforces concepts from lecture through prospected material, bony specimen, radiographs, and palpation of living subjects and supervised dissection of human cadavers. Lab fee. Corequisite: BL 5400.

See Natural Sciences section for additional course offerings.
The Business Communication degree program is an interdisciplinary major that combines coursework in English, Business and Communication. The Bachelor of Arts degree will be conferred upon completion of the prescribed curriculum.

Its goal is consistent with the role and scope of the Rockhurst University tradition of developing sound academic programs to meet the needs of the community and of developing programs that will enhance the job outlook for the liberal arts graduate. There is unity in the program through the integrated coursework that explores various means by which a liberal arts student may apply education to professions and careers or graduate study.

The curriculum is not designed to develop an expertise in any specific area, but its value resides in the approach of rather extensive coverage in a variety of pertinent areas. As the curriculum is prescribed, it encompasses a number of core courses and electives, which are chosen in consultation with the major advisor.

**Major Field of Concentration**

The major in Business Communication consists of two tracks: Communication Theory or Media (including journalism). Whichever track is chosen, the B.A. in Business Communication requires lower-division requirements of CT 2000, CT 2040, CT 2200, JN 2000, AC 2000 and AC 2100 (or AC 4500), EC 2000 and EC 2100 (or EC 4550), and BUS 1900. One three-hour statistics course is required (PY 2100, BUS 2200, MT 3400 or MT 3410).

The B.A. in Business Communication also requires two semesters of college-level study of one language other than English. This requirement may be fulfilled by completing two semesters of college-level literature in one language other than English. In either case, these two courses must be taken for college credit.

Students must choose one track from the two tracks available in the Business Communication major: Communication Theory or Media. The upper-division Communication requirements (9 hours) for both tracks include: CT 4350, CT 4860 and CT 4940.

Additional upper-division Communication requirements (6 hours) for each track are as follows:

1) **Communication Theory track**: Required upper-division courses are CT 4870 and one of the following: CT 3000, CT 3300, CT 3500, CT 3840 or CT 3850.

2) **Media track**: Required upper-division courses are CT 4890 and one of the following: JN/CT 3500 or JN/CT 4180.

**Writing (12 hours)**: The upper-division writing requirements for both tracks include EN 3160, EN 3180, and two electives in a 3000-4000-level English or Journalism writing course.

**Business (9 hours)**: The upper-division business requirements for both tracks include FN 3000, MK 3000, and one upper-division Business (BUS), Management (MG), or Marketing (MK) elective.
Catholic Studies is an interdisciplinary program that introduces students to issues and themes in the study of the Catholic Church and Catholic beliefs. As a personal creed, a community of faith, a religious institution, and an intellectual and cultural perspective and tradition, Catholicism has exercised a tremendous influence on human civilization for over 2000 years. Catholic Christianity has inspired a complex variety of ideas and movements in history, literature, music, the visual arts, politics and government, the natural sciences, philosophy, theology, and social and economic thought. The Catholic Studies minor brings together the varied resources at Rockhurst University that illuminate the rich contributions of Catholicism to human civilization.

The Catholic Studies minor is administered by the Thomas More Center for the Study of Catholic Thought and Culture, which also sponsors other opportunities for analysis of the Catholic tradition, including public lectures and publications. The minor is open to all Rockhurst students, regardless of major. No specific background or previous education is necessary. Students of all faiths or persuasion are invited to participate.

Minor Field of Concentration
The minor program in Catholic Studies requires completion of a minimum of 15 credit hours, including the required CA 1500 Introduction to Catholic Thought and Culture. In addition to CA 1500, students complete a total of 12 upper-division credit hours (four courses) distributed as follows:

Catholic Thought
A minimum of one course (three credit hours) from the list of offerings on Catholic thought: TH 3300 Roman Catholicism, TH 4030 Pauline Letters and Theology, TH 4050 Sacraments, TH 4100 Catholic and Protestant Theology, TH 4340 Eastern Christianity: Orthodoxy and Catholicism, PL 3200 Philosophy of God, PL 3410 Medieval Philosophy, PL 3770 Philosophy of Religion, PL 3775 Religion and Science, PL 4140 The Philosophy of Aquinas, PL 4410 The Philosophy of St. Augustine.

Catholic Culture
A minimum of one course (three credit hours) from the list of offerings on Catholic culture: CA 3500 The Jesuits, EN 4800 Honors Dante and Dostoevski, FR 3870 French Writers and Religion, FR/SP 4940 Senior Capstone (with approval), HS 3050 Medieval History, HS 3100 Renaissance and Reformation, MS 3350 Renaissance and Baroque
Electives
Two additional courses (six credit hours) from either of the above lists or as approved by the director of the program (who may substitute other courses, including occasional special topics courses in Catholic Studies as developed by the program).

Campus Lectures/Performances
Attendance at a minimum of two public lectures or performances on the Rockhurst campus pertaining to Catholic themes or issues is required of Catholic Studies minors. A list of appropriate campus activities will be provided to students each year and the program director will maintain a record of student attendance at these events.

Additional courses may be added to the list of approved Catholic Studies electives. For descriptions of the upper-division courses listed above, see the catalog sections of the various departments that sponsor and schedule them.

Students must earn a grade of C or better in each upper-division course to count toward the Catholic Studies minor. (A grade of C- will not satisfy this requirement.)

CA 1500. Introduction to Catholic Thought and Culture (3)
An interdisciplinary course, administered by the Thomas More Center for the Study of Catholic Thought and Culture, that offers a synthetic overview of the nature, sources, and contributions of the Catholic tradition. Required for all Catholic Studies minors.

CA 3500. The Jesuits (1)
A one credit-hour course introducing the history, spirituality and practices of the Society of Jesus, focusing specifically on the order’s works in the United States.

DEPARTMENT OF CHEMISTRY (CH)

Professor
Don E. Gibbs, Ph.D.
Rev. James D. Wheeler, S.J., Ph.D.

Associate Professor
James M. Chapman, Ph.D.
Dale W. Harak, Ph.D. (Chair)
D. Philip Colombo, Jr., Ph.D.

Assistant Professor
Annie Lee, Ph.D.

Visiting Assistant Professor
David H. Hamilton, Ph.D.

The Chemistry Department offers a broad spectrum of programs in chemistry designed to meet specific needs of students and a variety of vocational objectives: 1) chemical research and development in government or industry, 2) graduate school, 3) medical, dental and other health care professions, 4) pre-engineering training, 5) secondary school teaching, and 6) business administration in the chemical industry.
The Department’s goals are to provide the student with sound foundations in all major fields of chemistry, to enhance creativity and develop skilful laboratory techniques while promoting a deeper appreciation of chemical experimentation and research.

**Major Field of Concentration**

Students may choose either of the two following options, which follow guidelines suggested by the American Chemical Society:

1. **A major in chemistry for professional preparation in chemistry requires:**
   - 1) The following lower-division courses: CH 2610, CH 2630, CH 2710/2720, and CH 2730/2740, and
   - 2) The following upper-division courses: CH 3310, CH 3450, CH 3510/3520, CH 3530/3540, CH 4430, CH 4450, CH 4610, CH 4630, and CH 4960, and
   - 3) A minimum of two credit hours from the following, or their equivalent: CH 3320, CH 3340, CH 4460, research projects, or special topics courses.

2. **A major in chemistry requires:**
   - 1) The following lower-division courses: CH 2610, CH 2630, CH 2710/2720, and CH 2730/2740, and
   - 2) The following upper-division courses: CH 3310, CH 3450, CH 3510, CH 3530, CH 4430 or CH 4450, CH 4610, CH 4960, and
   - 3) A minimum of six hours selected from the remaining upper-division chemistry courses listed in this Catalog.

Those students who are preparing for entry into graduate studies or industry should normally include the following courses in their programs: CH 3520, CH 3540, CH 4430, CH 4450, CH 4630 and one of the following: CH 3250, CH 3320, CH 4460 or a research project. Those students who are preparing for entry into professional school (medicine, dentistry, etc.) should include the following courses in their programs: CH 3320 and CH 3330.

Students seeking secondary school teaching certification can use environmental science (3-4 hours) and senior level practice teaching (2-3 hours) to complete their upper-division chemistry requirements.

A chemistry major also will complete coursework in MT 1800 Calculus I and MT 1810 Calculus II, PH 2800/2810 General Physics I/General Physics I Lab and PH 2900/2910 General Physics II/General Physics II Lab. For the 12 upper-division hours in the “related area,” students may choose from courses in biology, physics, computer science, mathematics or other fields appropriate to their career objectives, such as economics, communication, etc.

A Chemistry Department professor meets with the entering student to plan a curriculum tailored to the individual’s career aspirations and to help select the appropriate chemistry and related courses.

A grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.)
CH 1050. Principles of General Chemistry (3)
A one-semester course, primarily for nursing and allied health students. This course is also strongly recommended for students with deficiencies in their chemistry background who plan to pursue other programs in the sciences that require CH 2610. Corequisite: CH 1060. (SCI)

CH 1060. Principles of General Chemistry Laboratory (1)
Basic laboratory techniques are used to investigate various theoretical principles. Laboratory two hours a week. Lab fee. Corequisite: CH 1050. (SCI)

CH 2610. General Chemistry I (4)
An introductory course treating the essential principles of theoretical and descriptive chemistry. Lecture three hours, laboratory four hours a week. Lab fee. Recommended: MT 1190 Precalculus. (SCI)

CH 2620. General Chemistry II (4)
A continuation of General Chemistry I. Lecture three hours a week, laboratory four hours a week. Lab fee. Prerequisite: CH 2610 (MT 1800 Calculus I recommended). (SCI or SCI)

CH 2650. Honors General Chemistry and Laboratory (5)
The course provides a review of stoichiometry (including solution concentration), gas laws and atomic and molecular structure (covalent and ionic bonding) as commonly taught in the first semester of a general chemistry course. The emphasis of the course is on equilibrium, electrochemistry and kinetics as is usually done in the second semester of the two-semester course. Descriptive chemistry is built around the periodic table and integrated throughout the course. This course would be taken in place of the two-semester CH 2610/2630 sequence. Lab fee. (SCI or SCI)

CH 2710. Organic Chemistry I (3)
Basic principles including some theoretical considerations of structure and mechanism and interpretation of spectrometric data. Intended for students majoring in the natural or physical sciences. Lecture three hours a week. Prerequisite: CH 2630. Corequisite: CH 2720. (SCI)

CH 2720. Organic Chemistry Laboratory I (1)
Basic techniques and theory in various methods of separation and identification, including chromatography, spectroscopy, measurements of physical properties and interpretation of results. Simple organic preparations. Laboratory four hours a week. Lab fee. Prerequisite: CH 2630. Corequisite: CH 2710. (SCI)

CH 2730. Organic Chemistry II (3)
A further development of the material of Organic Chemistry I. Lecture three hours a week. Prerequisite: CH 2710. Corequisite: CH 2740.

CH 2740. Organic Chemistry Laboratory II (1)
More advanced synthetic reactions, including synthetic sequences. Qualitative organic analysis, using wet chemical methods, determination of physical properties and also instruments. Laboratory four hours a week. Lab fee. Prerequisite: CH 2720. Corequisite: CH 2730.

CH 3250. Organic Syntheses (1-3)
A laboratory course designed to allow the student to learn techniques in organic and/or medicinal chemistry research. Laboratory three to nine hours a week. Lab fee. Prerequisite: Instructor approval.

CH 3310. General Biochemistry I (3)
The chemistry of living organisms and their components, including biosynthesis and metabolism of proteins, nucleic acids, lipids and carbohydrates. Lecture three hours a week. Prerequisite: CH 2710 and CH 3450 or instructor approval.

CH 3320. Biochemistry Laboratory (1)
Basic techniques of experimental biochemistry, including isolation and/or characterization of the major classes of biomolecules. Laboratory four hours a week. Lab fee. Prerequisite or concurrent: CH 3310.

CH 3330. General Biochemistry II (3)
A continuation of General Biochemistry I. Lecture three hours a week. Prerequisite: CH 3310.

CH 3340. Biochemistry Laboratory II (1)
Advanced techniques of experimental biochemistry, including the use of instrumental techniques in the isolation and/or characterization of biomolecules. Laboratory four hours per week. Lab fee. Prerequisite or concurrent: CH 3330.

CH 3450. Analytical Chemistry (4)
A course in the theory and practice of quantitative analytical chemistry. Gravimetric, volumetric and simple instrumental methods of analysis are considered. Lecture three hours a week, laboratory four hours a week. Lab fee. Prerequisite: CH 2630 or CH 2650.

CH 3510 (PH 3510). Physical Chemistry I (3)
Basic principles of physical chemistry with emphasis on thermodynamics and equilibria. Lecture three hours a week. Prerequisite: PH 2900 General Physics II and MT 1810, or instructor approval.

CH 3520 (PH 3520). Physical Chemistry Laboratory I (1)
Experiments designed to illustrate basic theories in thermodynamics, equilibrium, etc. Laboratory three and a half hours a week. Lab fee. Prerequisite or concurrent: CH 3510 (PH 3510).

CH 3530 (PH 3530). Physical Chemistry II (3)
Basic principles of chemical kinetics, introduction to quantum mechanics, molecular structure and kinetic theory. Lecture three hours a week. Prerequisite: CH 3510 (PH 3510).
CH 3540 (PH 3540). Physical Chemistry Laboratory II (1)
Experiments designed to illustrate basic theories in kinetics and spectroscopy. Laboratory three and a half hours a week. Lab fee. Prerequisite or concurrent: CH 3530 (PH 3530).

CH 3650. Nuclear Chemistry (2-3)
Introduction to theoretical concepts of nuclear chemistry and its most significant applications. Topics include fundamentals of the nuclear atom, radioactive decay, absorption of nuclear radiation and characteristics of radiation detectors. Lecture two or three hours a week. Prerequisite: CH 2630.

CH 3970. Chemistry Work Experience, Introductory (2)
Off-campus experience in industrial chemistry requiring minimal technical proficiency. The student works full-time for a summer or semester under the supervision of selected senior personnel. These credits are electives and are not credited toward requirements for the chemistry major. Prerequisite: Departmental approval.

CH 3990. Research Projects, Introductory (1-3)
The student plans and attempts a series of original laboratory investigations of a scientifically significant problem planned in weekly consultation with the supervising faculty member, conducts the necessary literature searches, maintains a professional-style laboratory notebook, makes at least one oral presentation of results, and prepares a research report according to the guidelines of the American Chemical Society. Lab fee. Prerequisite: Instructor approval.

CH 4430. Instrumental Analysis I (3)
The major types of electroanalytical methods and chromatography are emphasized. Lecture two hours a week. Laboratory three and a half hours a week. Lab fee. Prerequisite: CH 2730 and CH 3450.

CH 4450. Instrumental Analysis II (3)
The principles and methods of spectrophotometry are emphasized. Lecture two hours a week. Laboratory three and a half hours a week. Lab fee. Prerequisite: CH 2730 and CH 3450.

CH 4460. Synthesis and Characterization of Compounds (1)
Practical work in the synthesis, structure determination, and quantitative analysis of selected inorganic and organic compounds emphasizing the integrated use of instrumental methods. Laboratory four hours a week. Lab fee. Prerequisite: CH 3530, CH 4430, CH 4450 and CH 4610 or instructor approval.

CH 4610. Inorganic Chemistry I (3)
An advanced course in theoretical and descriptive inorganic chemistry. Lecture three hours a week. Prerequisite: CH 3530 or instructor approval.

CH 4630. Inorganic Chemistry II (2)
A continuation of Inorganic Chemistry I. Lecture two hours a week. Prerequisite: CH 4610.

CH 4640. Inorganic Synthesis (1-3)
Laboratory course in synthesis and characterization of inorganic compounds. Laboratory three to nine hours a week. Lab fee. Prerequisite or concurrent: CH 4610, or instructor approval.

CH 4810. Advanced Organic Chemistry (1-3)
Fall semesters of even-numbered years. Specialized readings and lectures in organic chemistry. Lectures arranged. Prerequisite: CH 2730/2740, junior standing and department approval.

CH 4820. Advanced Physical Chemistry (1-3)
Specialized readings and lectures in physical chemistry. Lectures arranged. Prerequisite: CH 3530, junior standing and department approval.

CH 4830. Advanced Analytical Chemistry (1-3)
Specialized readings and lectures in analytical chemistry. Lectures arranged. Prerequisite: CH 3450, junior standing and department approval.

CH 4840. Advanced Biochemistry (1-3)
Introduction to the techniques utilized in recombinant DNA biotechnology including DNA sequencing, PCR, electrophoresis, restriction enzymes, southern blotting, transformation and cloning. The application of these methods to medicine, industry, and forensics is studied. Lecture one hour per week. Lab four hours per week. Lab fee. Prerequisite or concurrent: CH 3330, or instructor approval.

CH 4960. Chemical Literature and Seminar (1)
An introduction to the use of the technical library, typical literature searches and seminar presentations. Open to all students and faculty members. Prerequisite: Departmental approval.

CH 4970. Chemistry Work Experience, Advanced (2)
Off-campus experience in industrial chemistry requiring high technical proficiency. The student works full-time for a summer or semester under the supervision of selected senior personnel. These credits are electives and are not credited toward requirements for the chemistry major. Prerequisite: Departmental approval.

CH 4990. Research Projects, Advanced (1-3)
The student plans and attempts a series of original laboratory investigations of a scientifically significant problem planned in weekly consultation with the supervising faculty member, conducts the necessary literature searches, maintains a professional-style laboratory notebook, makes at least one oral presentation of results, and prepares a research report according to the guidelines of the American Chemical Society. Lab fee. Prerequisite: Instructor approval.
The ability to communicate in more than one language, both orally and in writing, is clearly the mark of a liberally educated person. The adoption of new patterns of thought and the discovery of sensitivities and perspectives different from our own enrich our understanding of the world and of the diversity of human experience. As global consciousness increases in all areas of academic study and professional occupations, the knowledge of more than one language is not only desirable but frequently essential. Such knowledge permits us to discern diverse cultural dynamics, form enlightened opinions about international issues, and better serve those of other linguistic and cultural backgrounds.

The language curriculum offers students the flexibility to consider a variety of purposes and careers. Building upon introductory instruction in grammar and oral proficiencies, the language major provides electives and immersion modules in culture, literature and professional areas to enrich the student’s range of experience and increase fluency. In most cases, a foreign language is a prerequisite to graduate study. The demand for language teachers at the elementary and secondary levels is high, and students should know that their chances of obtaining an attractive teaching position increase if they are proficient in two languages other than their own. While knowledge of a foreign language does not by itself guarantee a career in other areas such as business, banking, law, or foreign service, it is clearly an asset when combined with another form of professional expertise.

Given two candidates with similar professional preparation, the employer is most likely to hire the college graduate who shows evidence of effective communication skills and broad educational background. And language students are known to be well informed and articulate. In fact, surveys show that students who study a foreign language score consistently higher on the verbal proficiency sectors of standard tests like the ACT, SAT, GRE, and LSAT.

At Rockhurst, the aim of the language curriculum is twofold and in keeping with the mission of our Jesuit, liberal arts university. While it means to broaden the student’s appreciation of the unity of knowledge and to challenge their critical ability, it is also designed to build bridges connecting language with other career-related disciplines in order to facilitate the transition into the work place.

Developing written and oral fluency from a literary and cultural context is essential at the undergraduate level. Therefore, the curriculum incorporates several opportunities for students to practice skills beyond the classroom. Study abroad is strongly encouraged. Rockhurst sponsors study in France, Germany, Mexico and Spain and is forging new study abroad programs as well. Other opportunities in the way of teaching exchanges between France and the U.S. are offered in order to give our students the immersion experiences which they need to succeed and serve in today’s “global village.”

Modern Language courses and requirements for the majors and minors follow this page.
International Journalism Program

The International Journalism Program is an interdisciplinary program that combines a major in either French or Spanish with a minor in Journalism. Another minor in a second language (French, German or Spanish) is recommended if the student enters language courses at the advanced level (3100 or higher) in the freshman year. Six credits in language, literature, culture, communication or journalism courses taken abroad in the target language are required for non-native speakers. Non-native speakers of English are required to complete a minor in English (if they are native speakers of Spanish or French).

The International Journalism Program prepares the student not only for a challenging and exciting career track but also for global citizenship: language studies cultivate cultural sensitivity in the student, and journalism studies train one to communicate with those of diverse backgrounds on a variety of issues.

Courses

In the modern language, courses will be taken as listed for the “Major Field of Concentration” on the following pages. The Senior Capstone must include an oral presentation as well as a written component. Topics such as how journalism is practiced in other countries as well as the rights of American journalists in other countries may be investigated. In general, ethical and legal aspects of the profession are covered in all journalism courses taught at Rockhurst University, but some aspects of these concerns as they apply to specific settings may be researched for the presentation. The oral component of the senior capstone for the language major must be presented in the target language (French or Spanish).

Prerequisites for studies in journalism are AR 1400 Basic Photography or JN 3450 Photojournalism, CT 2200 Mass Communication and JN 2000 Introduction to Journalism. For the journalism program, four upper-division courses must be selected from the following: CT 4890 Seminar in Mass Media, JN 3000 Advanced Reporting, JN 3030 Feature Writing, JN 3050 Editing and Design, JN 4170 Advertising Copywriting, or JN 4180 Broadcast Journalism. Prior to entering the journalism program, the student must submit a writing sample to the journalism program director. If the sample does not reflect college-level proficiency, the student should not enter the program until mastery is achieved.

Exceptional students may be recommended for internships, which will give the student experience in journalism in a work setting; possibilities for gaining experience include settings such as TV news bureaus in Paris, bilingual regional newspapers or radio stations. Senior Capstone presentations may be based on the internship experience.

FRENCH (FR)

Major Field of Concentration

The major in French is based on the prior completion of 14 hours of proficiency-level preparation numbered FR 1100-FR 1150 and FR 2100-FR 2150, or the equivalent. Equivalent preparation can be completed in high school, junior college or other colleges or universities, or waived through ACCP and AP credits, satisfactory CLEP scores, or a department placement test.

The major concentration in French consists of a minimum of 21 upper-division semester hours of course work. In addition, 12 hours of related course work are required. A grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.)
The student must complete FR 3100; FR 3150; FR 3700 or FR 4200 or FR 4250; and FR 4940; and nine hours of coursework from the following electives: FR 3200, FR 3400, FR 3500, FR 3700, FR 3800, FR 3850, FR 3870, FR 3880, FR 3890, FR 4200, FR 4250, FR 4300, FR 4350, FR 4800, and FR 4970. The nine hours of coursework are selected in consultation with the major advisor in accord with the career goals of the student.

**Minor Field of Concentration**
Requirements for the minor consist of 12 upper-division hours of course work in French after completing FR 2100 and FR 2150. A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

*A bilingual emphasis is available for the Communication Sciences and Disorders major. Please see description on the Communication Sciences and Disorders catalog pages.*

**Note:** Courses designated as LTI and LTII satisfy the literary mode of inquiry of the liberal core curriculum.

- **FR 1000. Beginning Conversational French I** (3)  
  An introductory course using a conversational approach. The overall objective is to promote understanding and appreciation for the foreign language by being able to communicate on a basic level in the foreign language. Culture capsules are added when appropriate.

- **FR 1010. Beginning Conversational French II** (3)  
  A continuation of FR 1000. The overall emphasis in the course is on further development of oral skills. Prerequisite: FR 1000 or equivalent.

- **FR 1100. Fundamentals of French I** (4)  
  Fall semester  
  A basic course designed to develop the skills students need for oral and written communication. Complementary video and computer-assisted instruction to introduce students to broader aspects of French culture and develop oral fluency. Class four hours, assigned laboratory work one hour a week.

- **FR 1150. Fundamentals of French II** (4)  
  Spring semester  
  A continuation of FR 1100. Students further develop oral proficiency, reading and writing skills. Class four hours, assigned laboratory work one hour a week. Prerequisite: FR 1100 or approval of instructor.

- **FR 2050. Conversation and Composition I** (3)  
  Conversational practice and short themes with continuing emphasis on grammar, vocabulary and usage. Culture capsules are included when appropriate. Prerequisite: FR 1150 or approval of instructor.

- **FR 2060. Conversation and Composition II** (3)  
  Continuation of FR 2050. Prerequisite: FR 2050 or approval of instructor.

- **FR 2100. Intermediate French I** (3)  
  *Fall semester*  
  The course strengthens the student’s grasp of grammar, and builds vocabulary to allow handling of more complex and idiomatic language. Cultural readings in French are included. Prerequisite: FR 1150 or equivalent.

- **FR 2150. Intermediate French II** (3)  
  *Spring semester*  
  Continuation of French 2100 with more of a focus on historical and/or cultural readings and materials. Prerequisite: FR 2100 or approval of instructor.

- **FR 2800. Introduction to the Comedies of Molière** (1)  
  A course designed as a survey for a general audience of some of the major works of Molière. Background information on French writing and the culture of Molière’s time is considered as well as interpretation and analysis of the work in translation. Creative exercises and scenes from the plays are presented. Prerequisite: FR 2150 or approval of instructor.

- **FR 3100. Advanced Composition and Conversation I** (3)  
  *Fall semester*  
  This course is a study of advanced French grammar construction, various styles of composition and speaking. Readings are included with each unit. Prerequisite: FR 2150.
FR 3150. Advanced Composition and Conversation II (3)
Spring semester
Continuation of FR 3100. Brief literature selections are included. This course prepares the student for the Introduction to French Literature (FR 3700) course. Prerequisite: FR 3100 or approval of instructor.

FR 3200. French for the Professional (3)
This course introduces the student to the language of various branches of business (management, marketing, banking). New terminology is stressed as well as the command of grammar and structures needed for composition. Attention is given to writing application letters, résumés, short reports and various types of business letters. Prerequisite: FR 2150 or approval of instructor.

FR 3400. Introduction to French Civilization and Culture (3)
A survey of modern France focusing on such topics as geography, monuments, transportation, education, government, industry and everyday life. Topics may vary. Prerequisite: FR 2150 or approval of instructor.

FR 3500. Introduction to French Film (3)
An introduction to concepts of French film, the development of film in France and film in the life of the French, with close study of selected films and creative writing in French. Prerequisite: FR 2150 or approval of instructor.

FR 3700. Introduction to French Literature (3)
This course is designed to give the student a broad scope of French literature as well as a historical context to facilitate comprehension. Students are given an introduction to movements, genres and styles and begin to address the critical study of literature. Texts are discussed and analyzed in French. Prerequisite: FR 3150 or approval of instructor. (LTII)

FR 3800. Conversational Fluency (3)
A course designed for students who wish to practice oral communication skills. Discussions include contemporary topics, concerns researched by students and reader/viewer responses to texts and movies. Prerequisite: FR 3150 or approval of instructor.

FR 3850. Francophone Cultures (3)
A survey of cultural aspects of francophone regions in the Caribbean, Europe, Canada, Africa, etc., with a focus on Haiti, Martinique and Quebec. Cultural aspects include art, music and religion, with background information on history and politics. Similarities but also differences between these regions and France are discussed. Prerequisite: FR 3150 or approval of instructor.

FR 3870. French Writers and Religion (3)
Study of selected readings whose major topics and themes are related to religion. While at least half of the readings to be considered will be associated with Catholicism, diverse traditions and perspectives may also be represented, particularly when selections are made from contemporary works. (Also offered in Paris on demand) Prerequisite: FR 3150 or approval of instructor.

FR 3880. The Comedies of Molière (3)
Study in French of the major works of Molière. Background information, reception of the plays and literary criticism will be taken into consideration. Creative exercises and scenes from the play will be performed both informally and formally. Prerequisite: FR 3100 or approval of instructor.

FR 3890. French Women and Literature (3)
A survey of the French writings of representative major women authors from the 12th century through the present day. Awareness of the tradition of writings in French by women and their literary accomplishments is gained and common themes and concerns are considered. Prerequisite: FR 3150 or approval of instructor. (LTII)

FR 4200. Survey of French Literature I (3)
A survey of literature from the 12th through the 17th century. Sustained discussion of the works studied in French. Prerequisite: FR 3150 or approval of instructor. (LTII)

FR 4250. Survey of French Literature II (3)
A survey of French literature from the 18th century through the present day. Prerequisite: FR 3150 or approval of instructor. (LTII)

FR 4300. Nineteenth Century French Novel (3)
Study of the novels of major 19th century authors such as Balzac, Flaubert, Stendhal and Zola with oral and written response in French. Continued attention to language skills. Some film versions in video of the novels studied may be viewed. Prerequisite: FR 3150 or approval of instructor. (LTII)

FR 4350. Contemporary French Novel (3)
Study of the novels of major 20th century authors such as Mauriac, Bernanos, Malraux, Sartre, Camus, Sarraute, Duras and Sartre. Selections may vary. Discussion and creative writing in French as well as presentations of parts of the novels. Some film versions in video of the novels studied may be viewed. Prerequisite: FR 3150 or approval of instructor. (LTII)

FR 4800. Contemporary French Theater (3)
Study of the plays of major 20th century authors such as Claudel, Cocteau, Giraudoux, Sartre, Camus, Anouilh, Genet, Jarry, Artaud, Beckett and Ionesco. Selections may vary. Discussion and creative writing in French as well as presentations of parts of the plays. Some film versions in video of the plays studied may be viewed. Prerequisite: FR 3150 or approval of instructor. (LTII)
FR 4940. Senior Capstone (3)
Independent or collaborative research into major focus area; written/oral/arthistic/presentations required to demonstrate mastery of major area of study and good level of language proficiency. Required to fulfill major.

FR 4970. Paris Internship (3)
Opportunities for students to apply their education by working in career fields related to French. Prerequisite: Approval of instructor.

GERMAN (GR)

Minor Field of Concentration
Requirements for the minor consist of 12 upper-division hours of course work after completing GR 2100 and GR 2150. A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

GR 1000. Beginning Conversational German I (3)
An introductory course using a conversational approach. The overall objective is to promote understanding and appreciation for the foreign language by being able to communicate on a basic level in the foreign language. Culture capsules are added as appropriate. Lecture three hours per week.

GR 1010. Beginning Conversational German II (3)
A continuation of GR 1000. Prerequisite: GR 1000 or equivalent.

GR 1100. Fundamentals of German I (4)
Fall semester
A basic course covering all aspects of German necessary for communication: usage, vocabulary and spelling. Intensive practice in comprehension, speaking and reading. Laboratory assignments in addition to four hours of class.

GR 1150. Fundamentals of German II (4)
Spring semester
A continuation of GR 1100. Prerequisite: GR 1100 or approval of instructor.

GR 2100. Intermediate German I (3)
Fall semester
Continued study of German language and culture requiring an increased command of vocabulary, grammar and sentence structure. Prerequisite: GR 1150 or approval of instructor.

GR 2150. Intermediate German II (3)
Spring semester
A continuation of GR 2100. Prerequisite: GR 2100 or approval of instructor.

GR 3100. Advanced Composition and Conversation I (3)
Fall semester
This course is a study of advanced German grammar construction, various styles of composition and speaking. Prerequisite: GR 2150 or approval of instructor.

GR 3150. Advanced Composition and Conversation II (3)
Spring semester
This course is a continuation of GR 3100. Prerequisite: GR 3100 or approval of instructor.

GR 3200. Business German (3)
A course dealing with the German technical language needed in business, finance and economics. This course helps prepare the student for a business German certificate. Prerequisite: GR 2100 or approval of instructor.

GR 3480. Intercultural Communications (3)
The course examines differences and variations in German verbal and written communication patterns, using text and video materials. It stresses social and business settings in German speaking countries. The course is conducted in German. Prerequisite: GR 2100 or approval of instructor.

GR 3490. German Philosophers of Science (3)
The course focuses on a prominent German scientist and gives the student the opportunity to read scientific material, social commentary and biographical material in German. Course is conducted in German. Prerequisite: GR 2100 or approval of instructor.

GR 3510. German Film and Culture (3)
Exploration of the culture of the German-speaking world through film. Breadth in understanding will be gained through analysis of the films, sustained discussion in German and research. Prerequisite: GR 2150 or approval of instructor.

GR 3700. Introduction to German Literature (3)
Students study the evolution of literary movements and learn basic analytical principles of textual analysis across the genres of drama, short fiction, the essay and poetry. Prerequisite: GR 3150 or approval of instructor. (LTI)
GR 3800. Conversational Fluency (3)
A course designed for students whose primary needs are verbal communication. The focus is on daily life, situations with complications and general survival skills. Recommended for students planning to study abroad, and those who plan to take a German proficiency test. Prerequisite: GR 3150 or approval of instructor.

GR 3850. Introduction to German Poetry (3)
This survey course introduces students to some works of major poets of the German language (e.g. Goethe, Schiller, Rilke, Jandl). It begins with the Romantics and ends with contemporary writers. Prerequisite: GR 3150 or approval of instructor.

JAPANESE (JA)

JA 1100. Introduction to Japanese I (4)
Integrates a study of basic Japanese with its culture using a conversational approach. Vocabulary and grammatical structures needed for basic communication is emphasized. Practice is given in a variety of everyday situations.

JA 1150. Introduction to Japanese II (4)
A continuation of JA 1100. Prerequisite: JA 1100 or approval of instructor.

JAPANESE (JA)

JA 2100. Intermediate Japanese I (3)
A systematic review and expansion of Latin grammar with increased knowledge of history and culture through study of Latin narrative from major prose works. Prerequisite: LT 1150 or approval of instructor.

LATIN (LT)

LT 1100. Introduction to Latin I (4)
Integrates a study of basic Latin with its culture. A variety of methods are used to develop competence in vocabulary, sound patterns, forms, structure and elementary texts. A perceptive approach to language in general is gained by seeing English in relationship to Latin and how its linguistic root system is applicable.

LT 1150. Introduction to Latin II (4)
Continuation of LT 1100 with selected reading. Prerequisite: LT 1100 or approval of instructor.

SPANISH (SP)

Major Field of Concentration
The major in Spanish is based on the prior completion of 14 hours of proficiency-level preparation numbered SP 1100-SP 1150 and SP 2100-2150, or the equivalent. Equivalent proficiency preparation can be completed in high school, junior college or other colleges or universities, or waived through ACCP and AP credits, satisfactory CLEP scores, or a department test.

The major concentration in Spanish consists of a minimum of 21 upper-division semester hours of work. In addition, 12 hours of related courses are required. A grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.)
The student must complete SP 3100; SP 3150; SP 3700 or SP 4200 or SP 4250 or SP 4300 or SP 4350 or SP 4360; and SP 4940 and nine hours of additional coursework from the following electives: SP 3070, SP 3200, SP 3400, SP 3420, SP 3470, SP 3700, SP 3800, SP 4060, SP 4200, SP 4250, SP 4300, SP 4350, SP 4360, SP 4370, SP 4380, SP 4400, SP 4550, SP 4660, SP 4665, SP 4670, SP 4700 or SP 4800. The nine hours of additional coursework are selected in consultation with the major advisor in accord with the career goals of the student.

**Minor Field of Concentration**

Requirements for the minor consist of 12 upper-division hours of course work in the target language after completing SP 2100 and SP 2150. A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

*A bilingual emphasis is available for the Communication Sciences and Disorders major. Please see description on the Communication Sciences and Disorders catalog pages.*

**Note:** Courses designated as LTI and LTII satisfy the literary mode of inquiry of the liberal core curriculum.

**SP 1000. Beginning Conversational Spanish I (3)**
An introductory course using a conversational approach. The overall objective is to promote understanding and appreciation for the foreign language by being able to communicate on a basic level in the foreign language. Culture capsules are added when appropriate.

**SP 1010. Beginning Conversational Spanish II (3)**
Continuation of SP 1000. The overall emphasis in the course is on further development of oral skills. Prerequisite: SP 1000 or approval of instructor.

**SP 1100. Fundamentals of Spanish I (4)**
A basic course covering all aspects of Spanish necessary for communication: vocabulary, grammar, structure and spelling. Extensive practice using Spanish. Class four hours, one hour assigned laboratory work.

**SP 1150. Fundamentals of Spanish II (4)**
A continuation of SP 1100. Students further develop oral proficiency, reading, and writing skills. Class four hours, one hour assigned laboratory work. Prerequisite: SP 1100 or approval of instructor.

**SP 2050. Conversation and Composition I (3)**
Conversational practice and short themes with continuing emphasis on grammar, vocabulary and usage. May be taken concurrently with SP 2100 and SP 2150. Prerequisite: SP 1150 or approval of instructor.

**SP 2060. Conversation and Composition II (3)**
Continuation of SP 2050. Conversational practice and short themes with continuing emphasis on grammar, vocabulary and usage. May be taken concurrently with SP 2100 and SP 2150. Prerequisite: SP 2050 or approval of instructor.

**SP 2070. Medical Spanish I (3)**
This course introduces the student to the technical language of medicine: anatomy, illness, treatment.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP 3200</td>
<td>Commercial Spanish</td>
<td>3</td>
<td>Practical exercises in business communication for international trade. New terminology as well as composition skills are stressed. Prerequisite: SP 2150 or approval of instructor.</td>
</tr>
<tr>
<td>SP 3400</td>
<td>Introduction to Latin American Culture</td>
<td>3</td>
<td>An introduction to the economic, social and political background of Spanish America. The readings include contemporary fiction and non-fiction with the main emphasis on recent essays by leading authorities on the above topics. Prerequisite: SP 3150 or approval of instructor.</td>
</tr>
<tr>
<td>SP 3420</td>
<td>Spanish Mystics</td>
<td>3</td>
<td>Readings of selections from some of the major works of writers considered to be the &quot;mystics&quot; of Spain, such as Santa Teresa, San Juan de la Cruz, and Luis de León, with excursions to the places where these writers lived and worked. Prerequisite: SP 3150 or approval of instructor. <em>(Offered on demand in Spain.)</em></td>
</tr>
<tr>
<td>SP 3470</td>
<td>Introduction to Spanish Culture</td>
<td>3</td>
<td>An introduction to Spanish culture and civilization, integrating the history, art, film, and literature of continental Spain from prehistoric times through the present day. Prerequisite: SP 3150 or approval of instructor.</td>
</tr>
<tr>
<td>SP 3700</td>
<td>Introduction to Hispanic Literature</td>
<td>3</td>
<td>This course provides students with an introduction to the diversity of literary expression in Spain, Spanish America, and the United States. Students study the evolution of literary movements and learn basic analytical principles for textual analysis across the genres of drama, short fiction, the essay and poetry. Prerequisite: SP 3150 or approval of instructor.</td>
</tr>
<tr>
<td>SP 3800</td>
<td>Conversational Fluency</td>
<td>3</td>
<td>This course is designed for students wishing to practice oral communication skills. Discussions include contemporary topics, concerns researched by students, and reader/viewer responses to texts and movies. Prerequisite: SP 3150 or approval of instructor.</td>
</tr>
<tr>
<td>SP 4060</td>
<td>Spanish for the Health Care Professional</td>
<td>3</td>
<td>The purpose of this course is to provide students with the ability to overcome cross-cultural barriers in a medical setting and to communicate effectively with speakers of Spanish. Background information on Hispanic cultures (e.g. customs, conceptions of the role of health care providers and courtesy) as well as some medical terminology will be provided. Issues raised by the differences in conceptions of the role of doctors, medicine and health care will be addressed. The graduate course SP 6070 requires independent accelerated additional work appropriate for master's level study. Prerequisite: SP 3100 or approval of the instructor.</td>
</tr>
<tr>
<td>SP 4200</td>
<td>Survey of Latin-American Literature I</td>
<td>3</td>
<td>A general survey of literature from the pre-Colombian period through the beginning of Modernism. Students study the evolution of literary movements and learn basic analytical principles for textual analysis across the genres of novel, drama, short fiction, essay, and poetry. Prerequisite: SP 3150 or approval of instructor. <em>(LTII)</em></td>
</tr>
<tr>
<td>SP 4250</td>
<td>Survey of Latin-American Literature II</td>
<td>3</td>
<td>A general survey of Latin-American literature from the beginning of Modernism through the present day. Students study the evolution of literary movements and learn basic analytical principles for textual analysis across the genres of novel, drama, short fiction, essay, and poetry. Prerequisite: SP 3150 or approval of instructor. <em>(LTII)</em></td>
</tr>
<tr>
<td>SP 4300</td>
<td>Survey of Spanish Literature I</td>
<td>3</td>
<td>A general survey of Spanish literature from the 12th through the 17th century. Students study the evolution of literary movements and learn basic analytical principles for textual analysis. The readings include major Spanish works of the different literary genres of epic poetry, romances, novel, and drama, such as El Cid, La Celestina, Lazarillo de Tormes, La vida es sueño, and Fuentesovejuna. Prerequisite: SP 3150 or approval of instructor. <em>(LTII)</em></td>
</tr>
<tr>
<td>SP 4350</td>
<td>Survey of Latin-American Literature II</td>
<td>3</td>
<td>A general survey of Latin-American literature from the 18th century through the present day. Students study the evolution of literary movements and learn basic analytical principles for textual analysis across the genres. The readings include major Spanish works by writers representative of the different literary periods, such as The Enlightenment, Romanticism, and Modernism, with emphasis upon the Generación del 98 and the Generación del 27. Prerequisite: SP 3150 or approval of instructor. <em>(LTII)</em></td>
</tr>
<tr>
<td>SP 4360</td>
<td>Latin American and U.S. Latina Women's Literature</td>
<td>3</td>
<td>This course examines works by Latin American and U.S. Latina women writers, viewing the aggregate as well as the individual positions taken, the artistic and the political dimensions of the writing, the bonds the writers share, and in some cases the great differences between them. Prerequisite: SP 3150 or approval of instructor. <em>(LTII)</em></td>
</tr>
<tr>
<td>SP 4370</td>
<td>U.S. Latino Literature</td>
<td>3</td>
<td>This course covers the history and literature of U.S. Latino literature since 1848. Through literary analysis the student examines the artistic and the political dimensions of texts, focusing particularly on the inscription of individual, cultural and national identity. Prerequisite: SP 3150 or approval of instructor. <em>(LTII)</em></td>
</tr>
</tbody>
</table>
rockhurst university offers the bachelor of science degree in clinical laboratory sciences in cooperation with st. luke’s hospital and north kansas city hospital. formerly this program was called medical technology.

prerequisite courses for admission to the clinical program, designed to meet the requirements established by the national accrediting agency for clinical laboratory sciences (cls)
**CLS 4500. Clinical Microbiology (6)**
Isolation and identification of microorganisms that cause disease; instrumentation and associated computer technology; clinical interpretation of tests; correlation of results with patient condition; evaluation of test validity. Prerequisite: College Microbiology with lab; upper division preferred. Pathogenic Microbiology recommended.

**CLS 4550. Clinical Chemistry (6)**
Quantitation of biochemicals; manual analytical techniques; instrumentation and associated computer technology; operation, clinical interpretation of tests; correlation of results with patient condition; problem solving and validation of results. Prerequisites: Minimum of 16 semester hours college chemistry, including course work in biological chemistry and quantitative lab experience; at least half upper division.

**CLS 4600. Clinical Hematology (6)**
Identification of blood cell abnormalities; instrumentation and associated computer technology; microscopic evaluation and quantitation; evaluation of blood coagulation mechanisms, including monitoring anticoagulant therapy; identification and enumeration of cells in bone marrow; blood and other fluids; clinical interpretation of tests; correlation of results with patient condition; problem solving and validation of results.

**CLS 4650. Immunohematology (4)**
Analysis and evaluation of relationships between donor blood components and blood recipients; antigen and antibody detection; assessment of patient transfusion related states and component selection; prevention of transfusion incompatibilities; introduction to blood gases and stat services; instrumentation and associated computer technology; clinical interpretation of tests; correlation of results with patient condition; problem solving and validation of results.

**CLS 4700. Clinical Immunology (4)**
Study of the human immune system in health and disease; immunologic techniques including immunofluorescence, immunochemistry, molecular diagnostics, serology, and other related testing and instrumentation, including computer technology; clinical interpretation of tests; correlation of results with patient condition; problem solving and validation of results.

**CLS 4750. Topics in CLS/MT I (2)**
Orientation workshop, including basic technique, safety, computer and LIS technology, microscopy; phlebotomy techniques; parasitology; mycology; urinalysis and other fluids.

**CLS 4800. Topics in CLS/MT II (2)**
Professional topics seminars including medical ethics; mathematics; case studies; principles and practices of quality management; principles of laboratory administration, management and supervision; acquisition and evaluation of laboratory information systems; educational methods; professional conduct; comprehensive review and evaluation.
DEPARTMENT OF COMMUNICATION AND FINE ARTS

Professor Timothy L. McDonald, Ph.D.
Associate Professor Peter J. Bicak, Ph.D. (Chair)
Susan Proctor, Ph.D.
Will Valk, M.F.A.
Assistant Professor Laura A. Janusik, Ph.D.
Michael K. McDonald, Ph.D.

This department combines the study of communication, business communication, art, media studies, music, theatre and journalism.

The purpose of the Department of Communication and Fine Arts is to provide an integrated study of the art and science of human communication. The majors include the study of communication at all levels of human interaction: intrapersonal, interpersonal, small group, public, social, and artistic. The student may select one of two majors: Communication or Business Communication. Students choosing either major must select one of two tracks: communication theory or media.

Students who are non-majors may choose from two minors in Communication as well: Communication or Journalism. The Business Communication major and the Journalism, Art, Theatre, and Music minors are described in other sections of this catalog.

COMMUNICATION (CT)
(Department of Communication and Fine Arts)

Associate Professor Peter J. Bicak, Ph.D. (Chair)
Assistant Professor Laura A. Janusik, Ph.D.
Michael K. McDonald, Ph.D.

In each track of Communication or Business Communication, the curriculum is designed to give a liberal understanding of human communication and to prepare students for the professions, business, the arts, journalism, industry, education, health and public service, as well as graduate study in either an academic or professional field. To receive the B.A. in Communication, the student must show an understanding of communication, which includes historical, philosophical, ethical, social, political and cultural dimensions, and the student must demonstrate skill in the art of speech communication.

Students are encouraged to expand their education beyond the classroom through directed learning experiences. Internships and directed research are available to students with a 3.0 grade point average in their major and a 2.0 GPA in all subjects.

The department is guided by the belief that a careful study of the process of communication enables people 1) to integrate and exchange knowledge, 2) to effect social action, and 3) to analyze and evaluate the uses of speech in the conduct of human affairs. This requires a liberal education in arts, sciences and humanities.

Throughout the study of communication at Rockhurst, emphasis is placed upon the ethical responsibility of the communicator to develop intellectual and moral integrity.
Major Field of Concentration
The major in communication consists of two tracks: Communication Theory or Media (including journalism). Whichever track is chosen, the B.A. in Communication requires lower division requirements of CT 2000, CT 2040, CT 2200, and JN 2000. A minor or an additional 12 semester hours of upper-division courses in related disciplines (outside communication) are required, chosen under the direction of the major advisor.

The B.A. in Communication also requires two semesters of college-level study of one language other than English. This requirement may be fulfilled by completing two semesters of college-level literature in one language other than English. In either case, these two courses must be taken for college-level credit.

Students must choose one track from two tracks available in the Communication major: Communication Theory or Media (includes Journalism). The upper-division Communication requirements (9 hours) for both tracks include CT 3300, CT 4860, and CT 4940. Additional upper-division Communication requirements (12 hours) for each track are as follows:

1) **Communication Theory track**: CT 4870 and three of the following upper-division communication courses: CT 3000, CT 3010, CT 3200, CT 3400, CT/JN 3500, CT 3600, CT 3840, CT 3850, CT/PS 3860, CT 4350, CT 4750, CT 4800, CT 4880, or CT 4990 Special Topics.

2) **Media track**: CT 4890 and three of the following upper-division communication and/or journalism courses: CT 3200, JN/CT 3500, JN 3000, JN 3030, JN 3050, JN/CT 4170, JN/CT 4180, JN 4990 Special Topics or CT 4990 Special Topics.

All majors are required to compete in either the Dowling Oratory Contest or the Bourke Extemporaneous Speaking Contest to complete major requirements.

A grade of C or better is required in each upper-division course in the major. 
(A grade of C- will not fulfill the requirement.)

Minor Field of Concentration
The prerequisites for the minor in Communication are JN 2000 and CT 2040. Upper division requirements include CT 4870 and any nine hours of upper-division communication courses.

A grade of C or better is required in each upper-division course in the minor. 
(A grade of C- will not fulfill the requirement.)

**CT 1120. Career Planning** (2)
Students learn a career/life planning process geared toward determining education and career goals. Class work includes assessment of interests, abilities and values, research of literature, investigation of major fields of study and on-site information gathering in work environments. Identification and exploration of options are followed by evaluation, decision making and goal setting.

**CT 2000. Fundamentals of Communication** (3)
Fall and spring semester
An introduction to effective communication with emphasis on presentational speaking, critical listening, intrapersonal, interpersonal communication and small group communication. Focus on theory and practice of human communication through individual and group experiences. Prerequisite: EN 1110 College Composition I or equivalent. (OCP)

**CT 2010. Interpersonal Communication Module** (1)
This course is an introduction to interpersonal and group communication for transfer students who have previously taken a public speaking-only course. The public speaking course and this module together are equivalent to CT 2000 and satisfy the oral communication proficiency requirement. The course is not open to students who have taken or will take CT 2000.

**CT 2040. Interpersonal Communication** (3)
Application of communication theory to face-to-face unplanned and planned interactions. Emphasis on acquiring and demonstrating effective commu-
communication skills in dyadic and group communication contexts as well as understanding the cause and effect patterns that constitute relationships. The course will focus on interpersonal topics including perception, language and meaning, nonverbal communication, listening, feedback, conflict management, and leadership communication. Prerequisite: CT 2000.

CT 2150. Honors Communication (3)
Intensive study of interpersonal and presentational communication in three phases: information gathering, message preparation and process, and style of delivery. Prerequisite: EN 1110 or EN 1140 or EN 1150; honors status or instructor approval. (OCIP)

CT 2200. Mass Communication (3)
A study of the historical development, regulation and effects of mass media. Print, film and electronic media are included. The uses of media for journalism, advertising, education and propaganda are studied.

CT 3000. Listening Research (3)
This course focuses on the four perspectives of listening: listening as affective, cognitive, behavioral, and relational. Emphasis on acquiring a solid understanding of the research that supports listening as the most widely used communication skill. Additional emphasis is on acquiring and demonstrating the skills to be an effective listener in a variety of contexts. Students will develop and conduct a semester-long interdisciplinary literature review of listening. Prerequisite: CT 2000.

CT 3010. Leadership Theory and Practice (3)
This course examines some of the most common elements of leadership, such as legitimate authority, expert knowledge, power, charisma, and influence. Examples of effective leadership, taken from history and contemporary society, are studied. Prerequisite: CT 2000.

CT 3200. Cinema Critique (3)
An introduction to the art of film; students experience and discuss a variety of films from different genres, time periods and artistic styles. Laboratory fee. (ARI)

CT 3210. The Films of Alfred Hitchcock (1)
For about 40 years, from the '30s to the '70s, Alfred Hitchcock built a reputation as a cinematic master of suspense. His name was synonymous with sophisticated, exciting, engagingly complex movies that were guaranteed to thrill. Hitchcock delighted in playing games with the audience, seducing them into little traps, then laughing at their red faces. He has been imitated many times, but no one has yet exhibited Hitchcock's understanding of the film medium. In this course we examine what makes Hitchcock's movies so enjoyable and yet so disturbing. We study how Hitchcock worked closely with his writers, cinematographers and composers. We view four examples of Hitchcock's best work in order to discover how and why they had such a profound impact on the movie industry and on American culture.

CT 3220. Screening Science Fiction (1)
Contrary to a popular misconception, science fiction is not necessarily about other planets, or alien invaders, or wars in outer space. It is about us, the people and institutions that shape our world and our future. Perhaps more than any other genre, science fiction is a barometer of the times. In this course we look at four science fiction films that probe the dynamics of the constant struggle between our sometimes vaunting aspirations and the often exorbitant price we must pay for them.

CT 3300. Presentational Speaking (3)
A performance course in platform speaking. Emphasis on the speaker's credibility and delivery, the organization and content of the speech, audience analysis, critical listening and use of multimedia aids. Preparation, presentation and evaluation of informative, persuasive and special occasion speeches. Prerequisite: CT 2000.

CT 3400. New Technology in Organizations (3)
This course examines the history, nature, and influence of new technology on organizations. Course involves increasing knowledge base of the function of technology in organizations, familiarizing students with current technology (electronic and other), and integrating new technology into existing organizations. Course requires integration of new technology with written and oral presentation. Prerequisite: CT 2000.

CT 3500 (JN 3500). Introduction to Public Relations (3)
This course will examine the history, theory, philosophy, and functions of public relations practices and programs in organizations. The course may provide case study and/or service learning opportunities for students to identify, analyze, and critique public relations practices. Prerequisite: CT 2000, JN 2000.

CT 3600. Conflict Resolution (3)
This course examines human conflict by evaluating the background, attitudes, and behaviors which cause and perpetuate disputes; and, prepares the student to help resolve disputes using negotiation and mediation techniques. Contemporary philosophies and styles of conflict resolution are examined. Prerequisite: CT 2000, CT 2040.

CT 3800. Paris: Organizational and Intercultural Communication Perspectives (3)
This course provides an orientation into the ways communication operates in France and in particular Parisian organizations. Topics include leadership, symbolism, management practices, and orga-
nizational design as it is witnessed in French culture. Special issues, which are unique to French organizations, are specifically addressed.

CT 3801. Research Methods in Interpersonal Communication
Coursework includes a survey of a variety of social science research methods with special emphasis on qualitative, applied research in the interpersonal/intercultural context. Prerequisite: CT 2000.

CT 3840. Persuasion: Theories of Social Influence
A study of the rhetorical, psychological and ethical principles of influencing change in others which includes consideration of the role of attitudes, beliefs, values and motives in human behavior. Application of theories through preparation and presentation of persuasive speeches and analysis of campaigns. Prerequisite: CT 2000.

CT 3850. Intercultural Communication
Examination of how people communicate, evaluate, and build attitudes about members of different cultures and subcultures. Exploration of varied communication patterns which take place nationally and internationally.

CT 3860 (PS 3860). Media and Politics
A study of the growing importance of mass media in American politics and their interaction with the formal and informal elements of the decision-making process. (SRII or SRI)

CT 3930. Research in Communication (1-3)
This course is designed to introduce students to the research process by participating in faculty-sponsored research. Activities may include reading literature relevant to the topic, data collection, data entry, data coding, and attending research meetings. Students contract with a faculty mentor to determine their level of participation in the research process. Three hours of participation per week are required to earn one hour of college credit, and students may sign up for one, two, or three credit hours. Students must have the approval of the supervising faculty member to sign up for the course. Students can earn a maximum of three credit hours per semester, repeatable once during their academic career. Prerequisite: CT 2000; minimum 3.0 cumulative GPA; instructor approval.

CT 4170 (JN 4170). Advertising Copywriting (3)
A course in the conception and execution of creative, effective advertising for newspapers, magazines, radio and television. Includes a general survey of the field of advertising. Case studies, prizewinning advertisements and field trips are included. Prerequisite: CT 2200 or JN 2000 Introduction to Journalism or MK 3000 Principles of Marketing.

CT 4180 (JN 4180). Broadcast Journalism (3)
A course in gathering, writing and producing news for radio and television. Included are skills in interviewing, editing news for broadcast and identifying news sources. Special problems unique to broadcast journalism are discussed. Prerequisites: CT 2200 and JN 2000 Introduction to Journalism.

CT 4220. Career Decisions (2)
Seniors experience a career decision-making process designed to facilitate the college-to-career transition. Reflecting on college experience, strengths, interests and work values are identified. A personal work ethic is examined. Speakers and videotapes present job market information. Researching literature, conducting information interviews, developing a résumé, interviewing for a job and writing cover letters are some of the job search skills that are taught. Prerequisite: Senior standing.

CT 4350. Organizational Communication (3)
This course provides an orientation into the ways communication operates in organizations through historical, philosophical, and theoretical issues. Case study and organizational research are emphasized for study of leadership styles; communication climates; organizational design, coordination and symbolism; and communication satisfaction. Prerequisite: CT 2000, CT 2040.

CT 4750. Rhetorical Criticism (3)
An examination and evaluation of verbal, visual and rhetorical artifacts which are formed due to social issues. Emphasis is placed on the relationship among the rhetor, the message, the audience, the cultural environment in which they communicate, and their ethical standards. This course is designed to develop critical thinking, listening and visual literacy. Prerequisite: CT 2000, CT 2040.

CT 4800. Organizational Culture (3)
This course focuses on the notion of organizations as cultures, the dominant paradigm in organizational research. Subjects include examination of cultural values, narratives, myths, symbolism, communication patterns and organizational identity. Emphasis on understanding importance of human influences on the process of organizing. Case study research, with formal written analyses, serves as primary means of investigation. Prerequisite: CT 2000.

CT 4860. Seminar in Group Interaction (3)
This course will focus on the study of the principles and processes unique to group situations. Topics will include leadership, followership, group roles, norms, tasks, social functions, problem-solving, decision-making, and conflict resolution. Emphasis is on learning and acquiring group communication skills, including self-disclosure, conflict management skills, and leadership and followership skills. Prerequisite: CT 2000, CT 2040.
CT 4870. Seminar in Communication Theory and Research (3)
A survey of the contemporary contributions to the study of human communication. Evaluation and analysis are designed to explore what occurs when humans communicate and why certain effects occur. Survey includes considerations of interpersonal, intercultural, organizational, mass media and rhetorical communication. Prerequisite: CT 2000, CT 2040, junior standing.

CT 4880. Research Methods in Communication (3)
This course introduces students to the theory and practice of social science methods in the field of communication. Students will learn quantitative and qualitative research methods. Students will learn to be critical readers of research, and emphasis will be placed on understanding research and assigning credibility to these findings. Students will also learn the importance of conducting and identifying ethical research. Students will design and conduct their own research including asking research questions, developing theoretical explanations for communication phenomena, formulating hypotheses, designing methodologies, analyzing data, and drawing conclusions about research findings. Students will present findings orally and in writing. Prerequisite: CT 2000, CT 2040, CT 3000 or CT 4860, senior standing.

CT 4890. Seminar in Mass Media (3)
Topics vary each semester but may include such themes as First Amendment issues, journalistic ethics, theories of the effects of mass communication, federal regulation, cultural impact of media and global issues in mass communication. Prerequisite: Junior standing.

CT 4940. Senior Capstone (3)
Independent and collaborative research into major focus area; written/oral/artistic presentations required to demonstrate mastery of major area of study. Required to fulfill major. Prerequisite: CT 2000, CT 2040, junior standing.

CT 4941. Capstone in Organizational Communication (3)
Independent and collaborative research in organizational communication; written and oral presentation required to demonstrate mastery of organizational communication. Course affords the opportunity for service learning. Capstone may engage student in construction of original study or communication audit. Prerequisite: CT 2000 and junior standing.

CT 4970. Internship. (2-3)
Opportunities for students to apply their education by working in career fields related to a specific track in either communication or business communication. Internships may be in business, industry, government and not-for-profit organizations. Locations include Kansas City, St. Louis, and Paris. The Paris internship requires additional concurrent course enrollment. Prerequisite: Junior standing, upper-level courses relating to the specific internship, and internship faculty advisor approval.
COMPUTER SCIENCE (CS)
(Department of Mathematics, Computer Science and Physics)

Associate Professor     Keith Brandt, Ph.D. (Chair)
Kevin Burger, M.S.
John F. Cigas, Ph.D.

The Computer Science Program at Rockhurst University explores the theoretical and practical aspects of computing needed to understand and manipulate today’s rapidly changing technological infrastructure. The theory provides students with a stable base, regardless of current technological trends, while practical components give students tangible reinforcement of theoretical concepts. The program prepares students for careers in scientific and business programming; database, network, and system management; user support services; and systems programming. The program, in conjunction with additional mathematics courses, also prepares students for graduate study in computer science.

Computer programming is used as the means to understand computer hardware and the algorithmic process that permeates the discipline, and to explore many of the topics in upper division classes. The current introductory programming language is Java, though other languages and tools are introduced throughout the program.

Major Field of Concentration
The major in computer science consists of at least 19 hours of upper-division courses in computer science, including CS 3310, CS 3320, CS 3410, CS 4210 and CS 4960 (a one-credit computer science seminar). Also required are 12 semester hours of related upper-division courses chosen under the direction of the major advisor. Lower-division prerequisites for this major are MT 1510 Discrete Structures, MT 1800 Calculus I, CS 1110/1120, CS 2110, and CS 2510. A grade of C or better is required in each upper-division course counted toward fulfillment of the major requirements. (A grade of C- will not satisfy this requirement.)

Minor Field of Concentration
For a minor in computer science the student must take CS 2510 and four additional 3000- or 4000- level three-credit-hour CS courses. A grade of C or better is required in each upper-division course counted toward fulfillment of the minor requirements. (A grade of C- will not satisfy this requirement.)

CS 1010. Introduction to Computing (1)
This course gives students a working knowledge of microcomputers through a study of computer concepts and computer capabilities. The major categories of computer software are covered, including word processing, spreadsheets, data management, and data communications. Prerequisite: MT 0100 Algebra or high school equivalent. Corequisite: CS 1020.

CS 1020. Introduction to Computing Laboratory (2)
A laboratory designed to give students “hands-on” experience with the topics covered in CS 1010. Lab fee. Corequisite: CS 1010.

CS 1040. Introduction to Web Design (2)
Fall semester
An introduction to the internet and world wide web, their history and development, and societal impact. Students will learn to create static and simple dynamic web pages using current web design languages such as HTML, XHTML, CSS, and JavaScript. Good web design practices will be discussed. Recommended: CS 1010/1020 or equivalent.

CS 1080. Principles of Computing (3)
Spring semester
This course introduces students to the broad discipline of computing. Topics may be chosen from
areas such as networking and the world wide web, digital multimedia, database searching, parallel computation, digital logic, computability, numerical computing, and algorithm development.

CS 1110. Introduction to Programming (3)  
Fall semester  
Concepts of top-down design of computer solutions to problems using a structured programming language. Topics covered include decision statements, looping, parameter passing and arrays. Prerequisite or concurrent: MT 1190 Precalculus or MT 1510 Discrete Structures or MT 1800 Calculus I. Corequisite: CS 1120.

CS 1120. Introduction to Programming Laboratory (1)  
Fall semester  
This structured lab, required in conjunction with CS 1110, allows the student to gain proficiency in computer programming by developing computer solutions to assigned problems. The student is also shown how to use the computer facilities for program development. Lab fee. Corequisite: CS 1110.

CS 2110. Computer Science Concepts (3)  
Spring semester  
Structured programming concepts; organization of computer programs; elementary computer architecture; internal representation of data; conceptual representation of data; abstract data types. Prerequisite: A grade of C or better in CS 1110/1120.

CS 2330. Digital Circuits (3)  
Boolean algebra, logic circuits, implementation of logic circuits and integrated circuit technology. Three lectures and one two-hour laboratory period every two weeks. Lab fee. Prerequisite: MT 1190 Precalculus or equivalent.

CS 2510. Data Structures (3)  
Fall semester  
This course continues the development and use of Abstract Data Types, such as lists, strings, tables and trees, for storing and retrieving data from memory. It also covers advanced searching and sorting algorithms. Recursion is central to many of the topics discussed. Additionally, data structures and algorithms are analyzed for their time and space efficiency. Prerequisite: A grade of C or better in both CS 2110 and MT 1510 Discrete Structures.

CS 2710. File Processing and COBOL (3)  
Topics include: file organization structures, file manipulation techniques, structured programming, and the COBOL language. Prerequisite: CS 2110.

CS 3001. Network Administration (3)  
This course will introduce students to many issues in computer networking through hands-on creation of their own local networks and eventually a miniature internet. Students configure, monitor, and tune their networks in an isolated laboratory setting. Prerequisite: A grade of C or better in CS 2110.

CS 3310. Computer Architecture (3)  
Fall semester  
Introduces students to the organization and architecture of computer systems. Topics include data representation, assembly level organization, and memory and I/O systems. Prerequisite: A grade of C or better in CS 2510.

CS 3320. Algorithm Design and Analysis (3)  
Fall semester  
This course covers the analysis of algorithms for time and space efficiency, including ideas of worst case complexity, big-O notation, and recurrence relations. Also covered are methods of algorithm design: the greedy method, divide and conquer, dynamic programming, and backtracking. Theoretical concepts such as the P=NP problem are also considered. Prerequisite: A grade of C or better in CS 2510.

CS 3330. Computer Organization (3)  
A study of the basic logic circuits involved in modern digital computers. Topics include internal processor architecture, decoders, multiplexers, memory structure and state transitions. Topics are emphasized and illustrated by lab work on microprocessor systems. Prerequisite: CS 1110/1120 and CS 2330.

CS 3410. Database Management Systems (3)  
Spring semester  
A study of the principles and applications of computer databases including database administration, privacy, confidentiality, schema, subschema, database models and physical models. Projects are done utilizing database management systems from user written programs. Prerequisite: A grade of C or better in CS 2510.

CS 3530 (MT 3530). Numerical Methods (3)  
Spring semester of even-numbered calendar year  
Numerical solutions to algebraic and differential equations; numerical integration; interpolating polynomials and regression analysis; simultaneous equations and solutions to partial differential equations. Prerequisite: A grade of C or better in MT 1810.

CS 3540. Numerical Methods Laboratory (1)  
Spring semester of even-numbered calendar year  
Proficiency in the use of a numerical programming language is developed. Programming assignments parallel the topics covered in CS 3530 (MT 3530). Lab fee. Corequisite: CS 3530 (MT 3530).

CS 4210. Operating Systems and Networking (3)  
Spring semester  
This course introduces the fundamentals of operating systems together with the basics of networking.
and communications. It includes the study of interacting, concurrent processes, scheduling, storage management, distributed computing, client-server protocols, and network security. Prerequisite: A grade of C or better in CS 2510.

**CS 4230. Principles of Programming Languages (3)**
This is an applied course in programming language constructs, introducing formal language theory. Topics include formal definitions of language, implementation of program data and control structures, lexical analysis and parsing. Several different languages are used for programming assignments. Prerequisite: A grade of C or better in CS 2510.

**CS 4410. Software Development (3)**
Introduces students to techniques needed to create medium-scale interactive applications. Topics include event-driven programming, human computer interaction, and graphical user interfaces. Prerequisite: A grade of C or better in CS 2510.

**CS 4430. Software Development Practicum (3)**
This course provides the experience of working on projects similar to those encountered on the job. Part of the experience includes working in a project team environment. The projects are of significant size and are modeled after actual business settings. Prerequisite: A grade of C or better in CS 4410.

**CS 4810. Introduction to Computer Graphics (3)**
A study of computer graphics systems and programming techniques used in producing graphics effects. The student applies techniques and concepts through the writing of application programs. Prerequisite: A grade of C or better in both CS 2510 and MT 3810 Linear Algebra.

**CS 4850. Network Theory (3)**
Fundamentals of data communications and networking are covered. Topics include common models of networking architecture, data transmission techniques and data communication protocols. Students gain an understanding of current networking trends and terminology. Prerequisite: A grade of C or better in CS 2510.

**CS 4960. Computer Science Seminar (1)**
Spring semester
Presentations by Junior and Senior students on computer science topics. Students research a topic in computing and present the results of their work.

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**ENGINEERING SCIENCE (ES)**
(Division of Natural, Applied and Quantitative Sciences)

*Professor* Robert F. Hegarty, Ph.D. (Program Director)

*Associate Professor* Kevin Burger, M.S.

Rockhurst offers course work in engineering science as part of its two-two or three-two pre-engineering program. Multidisciplinary coursework in robotics is also offered under engineering science.

Students who participate in the pre-engineering program have the opportunity to take a full science curriculum within a liberal arts tradition for the first two or three years of their engineering education. They are thus given an opportunity to examine the different engineering options without pressure or advanced commitment.

After this period, the student may transfer into an engineering program at our affiliated schools: The University of Missouri-Rolla, The University of Missouri-Columbia, The University of Detroit Mercy, Marquette University, or into any of the other accredited engineering schools in the region.

The curriculum is designed with flexibility, so that students can prepare for a degree in engineering or can change to any of the traditional areas of science, mathematics or computer science. By the sophomore year, they will be able to take two engineering courses (ES 3400 and ES 3500) in addition to MT 1800, 1810, 2800 Calculus I, II, and III plus one other mathematics course, which will allow them to transfer to any of the engineering schools as juniors.
Pre-engineering students have several options to choose from. One is to transfer immediately after two years and complete their professional degree in the normal number of remaining years as required by the engineering school. These students receive a B.S. in engineering from the engineering school. Another option is to take additional courses toward a declared major during a third year at Rockhurst before transferring to an engineering school. These students receive a B.S. or B.A. from Rockhurst and a B.S. from the engineering school—a desirable combination for entering the field of engineering. Of course, the student can always choose to complete the four-year B.S. or B.A. degree at Rockhurst with further graduate studies in engineering.

Anyone desiring additional information may contact the program director or the chairperson of the Division of Natural, Applied and Quantitative Sciences.

ES 2740. Studies in Robotics I (2)  
Spring semester  
Students take part in research projects related to robot control and motion under the supervision of a faculty member in the Department of Mathematics, Computer Science, and Physics. Prerequisite: MT 1800 Calculus I or PH 2800 General Physics I or CS 1110 Introduction to Programming.

ES 3400 (PH 3400). Engineering Thermodynamics (3)  
Spring semester  
Fundamental thermodynamic laws and relationships, presented from an engineering standpoint. Emphasis on applying thermodynamic principles to the design of engineering systems using basic hardware devices. Lecture three hours a week. Prerequisite: PH 2800 General Physics I.

ES 3500 (PH 3500). Engineering Statics (3)  
Fall semester  
Basic principles of statics and introduction to strength of materials. Lecture three hours a week. Prerequisite: PH 2800 General Physics I.

ES 3740. Studies in Robotics II (2)  
Fall and Spring semester  
A continuation of ES 2740. Students take part in research projects related to robot control and motion under the supervision of a faculty member in the Department of Mathematics, Computer Science, and Physics. Prerequisite: ES 2740 or department approval.

ES 3750. Studies in Robotics III (2)  
Fall and Spring semester  
A continuation of ES 3740. Students take part in research projects related to robot control and motion under the supervision of a faculty member in the Department of Mathematics, Computer Science, and Physics. Prerequisite: ES 3740 or department approval.

ES 4740. Advanced Studies in Robotics I (2)  
Fall and Spring semester  
A continuation of ES 3750. Students take part in research projects related to robot control and motion under the supervision of a faculty member in the Department of Mathematics, Computer Science, and Physics. Prerequisite: ES 3750 or department approval.

ES 4750. Advanced Studies in Robotics II (2)  
Fall and Spring semester  
A continuation of ES 4740. Students take part in research projects related to robot control and motion under the supervision of a faculty member in the Department of Mathematics, Computer Science, and Physics. Prerequisite: ES 4740 or department approval.
The Department of English educates students to become careful readers and effective writers and to derive joy from each role. To cultivate students as readers, the Department asks them to study literature in a variety of genres, including poetry, drama, the novel, the short story, and the essay. Study in the discipline of English enlarges students' sensibilities, enriches their intellectual lives, broadens their imaginations, strengthens their critical thinking, and helps to initiate students into a community committed to liberal learning in the arts and sciences. With Francis Bacon, the Department believes that reading makes a full person, and writing an exact person. Our writing courses, both introductory and advanced, cultivate critical thinking by asking students to analyze the work of their own peers and of accomplished writers. In this way, students learn to clarify their own thoughts, examine personal biases, explore complex issues, and find the best style to communicate with various audiences.

Building upon introductory Core courses in composition and in world literature, the English major and minor seek to advance students' skills in writing and in analytical and creative thinking; to deepen understanding of the major developments in literature written in the English language, particularly British and American literature; to strengthen competence in methods of literary theory and criticism; and to broaden the experience of language in linguistics. In short, the Department participates in the broader mission of Rockhurst University by contributing to the education of the whole person, helping to make clear what it means to be fully human: that is, a person who is advancing in knowledge, open to the transcendent, and intent on the good of others.

Besides preparing majors for teaching and graduate work, English studies prepare students for professional study of law, journalism, business and government. English studies also prepare students with a careful selection of electives and internship experiences to take a variety of paths after graduation, including medical school; service to the Church; careers in marketing, management and corporate communication.

Major Fields of Concentration
The major concentration in English consists of a minimum of 22 semester hours of upper-division work. Required courses are EN 3000, EN 3150, one Shakespeare course, one American literature course, and three additional upper-division courses selected in consultation with the major advisor in accord with one of the three tracks offered by the department (described below). All tracks within the English major must also complete EN 4930 for 1-3 credit hours. It is also strongly recommended that majors take an introductory literature course (EN 2740, EN 2760, or EN 2900-2989). For the remainder of a student's program, including 12 required semester hours of upper-division courses in related subjects, selection is based upon the student’s objectives and in consultation with
the major advisor. A grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.)

Within the literature track of the English major, in addition to the 12 semester hours specified above, the student must complete at least three upper-division literature courses, such as period, genre, figure, theory, or interpretation courses.

Within the writing track, the student must complete EN 4150 and two courses from the following options: EN 3110, EN 3140, EN 3150, EN 3160, EN 3170, EN 3180, EN 3190, EN 4120, EN 4160, EN 4180, EN 4190, EN 4920 or a special topic writing course.

Within the education track, the student must complete EN 3700, EN 3750, (or similar courses), and one additional course in American literature.

Also required are two semesters of college-level study of one language other than English. This requirement may be fulfilled by completing two semesters of college-level literature in one language other than English. In either case, the language courses must be taken for college-level credit. [Neither College Level Examination Program (CLEP) nor Advanced Placement (AP) exams fulfills this requirement.]

A Bachelor of Arts degree in English (Writing track) is also available in the evening through the Evening Program in the School of Graduate and Professional Studies (GPS). Contact the GPS academic advisor at 816-501-4062 for further information.

Minor Fields of Concentration
The minor in English consists of the lower-division prerequisite choices of EN 1110/1120 or EN 1140, or EN 1150, and upper-division requirements in one of two areas of emphasis: literature or writing. Within the literature area of emphasis four upper-division courses in English are required: one course in British literature, one course in American literature, one course in a literary genre, and one course of the student’s choice from upper-division English offerings. (Note: The same course may not fulfill two of the requirements.) Within the writing area of emphasis the student may choose any four courses from the writing track of the English major in upper-division English offerings. Current offerings in this area include EN 3110, EN 3140, EN 3150, EN 3160, EN 3170, EN 3180, EN 3190, EN 4100, EN 4120, EN 4150, EN 4160, EN 4180, EN 4190, or EN 4920. (Note: Students have the option of choosing courses with or without special prerequisites.) A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

A minor in English (Writing track) is also available in the evening through the Evening Program in the School of Graduate and Professional Studies (GPS). Contact the GPS academic advisor at 816-501-4062 for further information.

Certificate in Writing
Rockhurst University awards a certificate in writing through regular courses offered in the department of English. Lower-division requirements establish proficiency in written communication. This requirement may be fulfilled by taking EN 1110 and EN 1120, or EN 1140, or EN 1150. After establishing written proficiency, students may then elect to take any four of the following: EN 3110, EN 3140, EN 3150, EN 3160, EN 3170, EN 3180, EN 3190, EN 4100, EN 4120, EN 4150, EN 4160, EN 4180, EN 4190, or EN 4920. A grade of C or better is required in each upper-division course for the certificate. (A grade of C- will not satisfy the requirement.) A certificate in writing is not available to students seeking a major or minor in English.
Students will receive a certificate certifying that they have completed the prescribed course of study. An official transcript of these courses is also kept on permanent file at the Registrar’s Office for further verification of courses completed.

A Certificate in Writing is also available in the evening through the Evening Program in the School of Graduate and Professional Studies (GPS). Contact the GPS academic advisor at 816-501-4062 for further information.

EN 0900. Developmental English (3) This course is specifically designed for students who are entering college with a primary language other than English and who deal with second-language interference. The special uses of English idioms are surveyed along with the basic patterns of English syntax, including the parallel punctuation system. Usage in English is covered through specific writing assignments and exercises in selected areas. Reading comprehension is assisted through specified studies. (This course does not fulfill writing proficiency requirements.) Prerequisite: None. (Advisement into the course through a writing sample.)

EN 1100. Reading and Study Skills (1-3) Intensive study and practice in the skills which make efficient students: note taking, outlining, paper writing, programmed reading to develop both rate and comprehension, listening skills and basic library research skills such as using the catalog, periodical indexes and bibliographies.

EN 1110. College Composition I (3) Fall semester A course designed to assist students in achieving proficiency in college-level written composition. Includes study of and regular practice in the process of composing and editing as well as relating reading and writing. (Completing both EN 1110 and 1120 satisfies WCP)

EN 1120. College Composition II (3) Spring semester A course designed to assist students in achieving fuller proficiency in college-level written composition. Includes study of and regular practice in the process of composing and editing as well as relating reading and writing. A greater emphasis is placed upon analytical and interpretive writing; the documented thesis paper that employs research skills is also included. Prerequisite: EN 1110. (Completing both EN 1110 and 1120 satisfies WCP)

EN 1140. English Composition (3) Fall and Spring semester A one-semester course designed to study contemporary rhetorical strategies of composition through close analysis of sample essays which demonstrate skillful use of these principles, by regular written compositions employing designated rhetorical strategies, and by recalling the basic structures of the English language to develop a style appropriate to the audience. Prerequisite: dean's approval. (WCP)

EN 1150. Honors Composition (3) Intensive study of written communication in three phases: information gathering, message preparation and process and style of delivery. Prerequisite: honors status or instructor approval. (WCP)

EN 1180. The Research Paper (1) This course deals with the basic areas of producing a college-level research paper: generating ideas, developing an adequate thesis, finding proper sources, evaluating sources and taking notes, avoiding plagiarism, integrating source material into a longer work, editing and proofreading, and using appropriate documentation style. A research paper based on these elements will be written in the course. Prerequisite: EN 1110 or equivalent.


EN 2310. English Literature: 17th and 18th Centuries (3) A lower-division treatment of material in EN 3400. A survey of English literature of the Restoration to and including the Romanticists. Greatest emphasis falls upon Dryden, Swift, Pope and Johnson as well as the Romantic poets Blake, Wordsworth, Coleridge, Byron, Shelley and Keats. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 2350. Shakespeare Survey (3) A course designed as a survey for a more general audience of the major works of Shakespeare chosen from the histories, comedies, tragedies, and final romances. Although more general than the course designed for English majors, it still requires a careful reading of the plays, familiarity with the language of the period, with the poetic style of dramatic verse, and with the necessary cultural background. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 2500. Film: The Medium and the Maker (3) A study of the human condition as seen in the contemporary cinema, with an analysis of cinematic techniques and the basics of student film production. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. Lab fee.
EN 2740. World Literature Through the 16th Century (3)
This course explores representative works of world literature from antiquity to the early modern period, within a framework that compares cultures and historical periods and invites consideration of both what is shared among cultures and what is unique about the culture from which each text emerged. With emphasis on critical thinking, reading, and writing, the course examines several major genres of literature and studies themes, forms, and styles in the literary texts. Prerequisite: EN 1110 and 1120, or EN 1140, or EN 1150. (LTI)

EN 2760. World Literature Since the 16th Century (3)
This course explores representative works of world literature from the early modern period to the present, within a framework that compares cultures and historical periods and invites consideration of both what is shared among cultures and what is unique about the culture from which each text emerged. With emphasis on critical thinking, reading, and writing, the course examines several major genres of literature and studies themes, forms, and styles in the literary texts. Prerequisite: EN 1110 and 1120, or EN 1140, or EN 1150. (LTI)

EN 2800-2890. Introduction to Literature (3 hrs. each)
Lecture and discussion courses designed to deepen and extend the student's sensitivity to and understanding of literature. Courses weave together the study of genre, thematic elements (including ethnic culture) and historical background. Choices are offered by semester. Students should consult departmental announcement. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 2900-2989. Studies in World Literature (3)
These courses provide a concentrated study of particular themes, genres, or periods of world literature, with emphasis on critical thinking, reading, and writing. The "Studies" courses explore a broad range of representative works of world literature within a framework that compares cultures and historical periods and invites consideration of both what is shared among cultures and what is unique about the culture from which each text emerged.

EN 2960. Journeys, Voyages, and Quests (3)
From Homer's Odyssey, through Swift's Gulliver's Travels, Voltaire's Candide, and Conrad's Heart of Darkness, to Achebe's Things Fall Apart, journeys, voyages, and quests have thematically structured literary works, enabling readers to venture abroad, experience new worlds, and to reflect on what they and the characters in particular works have learned along the way as well as at their ports of call. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTI)

EN 3000. Major Figures of British Literature (3)
This course examines a selection of major authors in the history of English literature with attention given to the developing traditions of English literature and to the use of various literary forms as they appear in the tradition. A selection is made from authors like the Beowulf Poet, Chaucer, the Pearl Poet, Shakespeare, Donne, Milton, Dryden, Pope, Swift, Blake, Wordsworth and Coleridge, Keats, Dickens, Browning, Hopkins, and Eliot. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3110. Creative Writing (3)
Introduction to the art of writing poetry and fiction. Emphasis on writer-teacher conferences. Best productions are published in the Rockhurst Review, the student literary and arts publication. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3140. Introduction to Playwriting (3)
A course designed to introduce the student to the principles of playwriting including the scenario, plot structure, character, thought, diction, and spectacle. Some attention is given to the requirements of play production in script-writing. Regular creative exercises, workshop readings in the class, and the writing of original drama are required. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3150. Advanced Composition (3)
Designed to assist students in mastery of writing techniques and to acquaint students with rhetorical principles and backgrounds useful in developing various types of written communication. Attention is given to rhetorical theories and their practical application through regular writing assignments. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3160. Writing for the Marketplace (3)
The course covers four kinds of business documents: letters/memos, marketing/sales brochures, reports, and proposals. It includes editing strategies and techniques incrementally throughout the course. Design, graphics, layout, and analytical commentary are reviewed for structuring readable documents. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3170. Practical Stylistics (3)
Designed to acquaint the student with the practical uses of stylistics by reviewing the place of vocabulary, syntax, register, and rhetorical context in written discourse as applied to specific goals of writing. Regular writing assignments are used to apply stylistic principles and readings are analyzed as models. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.
EN 3180. Business Writing (3)
Theory and practice in writing business letters, memos and reports. Includes study of basic communication theory as it applies to writing in these forms. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3190. Technowriting: the Technologies of Written Communication from the Alphabet to the World Wide Web (3)
This course focuses on four overlapping kinds of written applications based on network technology: e-mail, information sharing, document management, and office automation. With an ongoing emphasis on technologically based writing that incorporates the best of information available on the Internet, the World Wide Web, and developing multimedia technologies, the course's purpose is to familiarize the student with the literacy requirements of the 21st century in a technological setting. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3220. Chaucer and His World (3)
The primary focus of this course is Chaucer's writing. The course begins with his earlier poetry and moves to an in-depth study of The Canterbury Tales. To gain greater insight into Chaucer's works and his world, students are also introduced to short pieces by other writers of the period, as well as to the art, the music, the social background of the period. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3230. Medieval Drama (3)
This course surveys the rebirth of drama in Western Europe with the plays of Sister Hrotsvitha and the Church rituals on Easter. Special emphasis is given to the Cycle Plays of England, including the York and Wakefield mystery plays, and non-cycle plays. Early and later Tudor plays, next in chronological progression, are represented by The Four PP, Gammergeruton's Needle, and a history play. Marlowe's Dr. Faustus brings us to the time of Shakespeare. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3300. British Literature: Anglo-Saxon to Renaissance (3)
A survey of British literature from the Anglo-Saxons to and including the Renaissance. Emphasis upon Chaucer, Spenser, Shakespeare, Bacon, Donne and the Metaphysical poets. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3340. Spenser, Donne and Their Followers (3)
A study of the narrative poetry of Spenser and the secular and religious poetry of Donne. Emphasis is on the literary use of allegory and the metaphysical conceit. Some attention given to Herbert, Crashaw, Vaughan and Marvell. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3350. Shakespeare Seminar I (3)
An intensive study of the poetry and plays of Shakespeare in their language, structure, backgrounds, characters, and criticism for English majors and those with a deep interest in Shakespeare. Selections are made from the range of Shakespeare's works. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3360. Shakespeare Seminar II (3)
An intensive study of a different selection of the poetry and plays of Shakespeare in language, structure, backgrounds, characters, and criticism for English majors and those with a deep interest in Shakespeare. Selections are made from the range of Shakespeare's works. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3380. Shakespeare and Renaissance Drama (3)
This course is designed as a survey of the major plays and sonnets of Shakespeare chosen from the comedies, tragedies, and final romances along with a comparative study of the drama of other great Renaissance playwrights like Webster, Ford, and Marlowe. It studies the drama as a genre that encompasses several sub-genres and look at Elizabethan language usage, backgrounds, character, and literary criticism of the dramas. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3400. British Literature: 17th and 18th Centuries (3)
Exploring major themes of Restoration and 18th Century British Literature, e.g., human sinfulness, social unrest, political corruption, economic change, the course focuses upon political and social satirists like Dryden, Swift, and Pope; novelists like Defoe, Fielding, and Richardson; dramatists like Dryden, Wycherley, and Sheridan; essayists like Addison, Steele, and Johnson; and, above all, poets like Dryden, Swift, Pope, Johnson, Smarrt and Collins. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3500. Studies in the English Novel (3)
Early influences and major trends in the development of the English novel. Emphasis on the form and themes of prose fiction as they appear in Richardson, Fielding, Austen, Scott, Emily Brontë, Dickens, Thackeray, Eliot, Hardy, Conrad, Forster, Lawrence and Joyce. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3520. Jane Austen Study (3)
An intensive study of selections from the body of Jane Austen's work, the course is divided into three areas of interest. The primary focus begins on two representative novels, their place in Austen's developing technique, and a review of the criticisms—both historical and present day—that influenced readers of the novels from the beginning until now. The middle section of the course centers on
EN 3550. The Victorian Period
A study of Victorian literature, including poetry, fiction, drama, and nonfiction prose, the course explores the work of authors such as Tennyson, Hopkins, Arnold, the Brownings, Rossetti, Dickens, Hardy, Wilde, Shaw, Carlyle, Mill, and Newman. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150, and one Level I Literary Mode course. (LTII)

EN 3600. American Literature I
A survey of American literature from its beginning to the Civil War, with emphasis upon Edward Taylor, Franklin, Cooper, Poe, Emerson, Thoreau, Hawthorne, Melville and Whitman as representatives of the colonial, neoclassical and romantic periods. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3610. American Literature II
A continuation of the survey begun in EN 3600. Covers from post-Civil War to the 1940’s. Chief stress is on Whitman, Twain, Howells, Dickinson, James, Crane, Frost, Eliot, Pound, W. C. Williams, Wallace Stevens, Hemingway, Faulkner and ethnic dimensions. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3640. Minority Literature
A study of the diversity and depth of minority literatures chosen from the works of selected minority writers. The focus of the course is on representative authors and texts in relation to their place in contemporary writing. Special attention is given to cultural and political concerns expressed through the literary pieces. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3670. Studies in the American Novel
An inquiry into how novelists manage such formal elements as character, world, plot and point of view as well as thematic and stylistic patterns. Intensive analysis of Melville, James, Dreiser, Cather, Dos Passos, Fitzgerald, Hemingway, Faulkner, Ellison, Bellow and others. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3680. Twentieth Century U.S. Drama
This course studies 1) plays that have contributed to the development of American theater and 2) drama theory – from Aristotle to the present day – relating to tragedy and comedy, to realism, naturalism, expressionism, and surrealism, to theater of social protest, theater of the absurd, etc. Readings include plays of Eugene O’Neill, Thornton Wilder, Tennessee Williams, Arthur Miller, William Gibson, Edward Albee, Horton Foote, Mark Medoff, August Wilson, etc. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3700. The Structure of Modern English
A study of contemporary English, considering various approaches including traditional, structural and transformational grammars. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3750. Development of the English Language
A study of the history of English, its relationships with other languages, its linguistic changes, structure and dialects. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3820. American Literature and the Environment
In this course, students explore environmental issues as they are expressed both explicitly and implicitly in literary texts. In this two-fold strategy, the primary approach is to study texts that establish environment as their principal focus; works of poetry, fiction, and nonfiction broadly classed as “nature writing.” The second approach is to examine the implicit treatment of environment within literary works whose focus is not primarily environmental. Both approaches expose students to writers from diverse cultural, ethnic, and socioeconomic backgrounds. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3830. Utopian and Anti-Utopian Literature
Emphasis on the many speculations as to what life in the future might be like, both hopes and fears. Readings include Plato’s The Republic, More’s Utopia, Canticle for Leibowitz, Brave New World and A Clockwork Orange. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3840. Honors Literature and Art
This interdisciplinary seminar format course studies the presentation of experience in literature and in the visual arts. With the aim of exploring questions about civilization and culture, the quality of progress, the nature of the world and of the human person, the focus is on works conveying such themes as man in the wilderness, the individual vs. society, the hero and the antihero and the quest for meaning and transcendence. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150, and honors status or instructor approval.
EN 3850. Literature and Cinema (3)
This course explores the filmed stories that come out of written literature. For instance, Tom Jones, the novel, is condensed and simplified; Romeo and Juliet is shortened and parts are cut down. Sometimes, as with Dorian Gray, we have several movie attempts. In this course we read texts that have been filmed, see the films, and do written analyses of the relative success/failure of the efforts. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3870. Irish Literature (3)
This course will survey Irish writing in English, with emphasis on the literature of the early 19th century to the present. It will consider, in particular, works of major figures such as James Joyce, W.B. Yeats, G.B. Shaw, Seamus Heaney, and Brian Friel, as well as the contexts of Irish history and cultural politics. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 3880. The Gothic Novel as Genre (3)
Gothic fiction, a reaction against comfort, security, political stability, and commercial progress, resists the rule of reason. It began with the 1764 publication of Horace Walpole’s *The Castle of Otranto*, and prospered through its steady reference to crags and cisterns, torture and terror, and the supernatural – clairvoyance, dreams, ghosts. This course studies a series of representative works that establish and sustain the genre from the 18th century to now. Prerequisite: EN 1110/EN 1120, or EN 1140, or EN 1150. (LTII)

EN 3885. The Contemporary Novel (3)
A study of some of the most recognized and noteworthy long fiction of the prior 25 years, the course will consider the work of writers such as Toni Morrison, Philip Roth, Ian McEwan, A. S. Byatt, David Lodge, and Salman Rushdie, as well as recent theories of the novel and cultural contexts that bear on the creation, publication, and reception of such works. Prerequisite: EN 1110/EN 1120, or EN 1140, EN 1150 or equivalent. (LT II)

EN 3890. Women and Literature (3)
This course offers a selection of fiction and poetry by women and about issues traditionally considered important to women. Fiction includes, but is not limited to, works by Kate Chopin, Virginia Woolf, Willa Cather, Alice Walker, and Rachel Ingalls. Poetry includes, but is not limited to, works by Emily Dickinson, Gwendolyn Brooks, Anne Sexton, Sylvia Plath, and Rita Dove. Essays by such authors as Virginia Woolf, Simone de Beauvoir, Catherine McKinney, and Mary Daly are used to complement the poetry and fiction. The course begins with consideration of Virginia Woolf’s contention that in order to create, a woman needs an independent income and a room of her own. Emphasis is on the works of literature as literature. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3896. The Literature of Catholicism and Christian Spirituality (3)
The course will analyze works of literature that explore the Catholic faith, the sacramental experience of Catholicism, and Christian spirituality depicted in human relationships with Christ. The course further highlights issues common to major writers across the centuries, e.g., problems of evil and sinfulness, anguish over personal salvation, the beauty and goodness of God’s creation, the unconditional love of God. To accomplish these aims, the course introduces students to poets like John Donne, George Herbert, and Gerard Manley Hopkins; narrative artists like Graham Greene, Flannery O’Connor, and Ron Hansen; dramatists like Thomas Bolt and T.S. Eliot; spiritual autobiographers like Thomas Merton and Therese of Lisieux. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 4100. Reading Comprehension and Readable Writing (3)
A study of how language is processed through reading experiences in various ways and then processed into readable writing. The course also considers theories about the interaction of structure and style with readers’ memory and comprehension. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 4120. Introduction to Screenwriting (3)
This course provides an introduction to the fundamentals of screenwriting, including generating ideas, finding a subject, building characters, developing a plot through a beginning, a confrontation, and a resolution, designing individual scenes to advance the story, building momentum for an audience, and achieving a convincing climax. The primary purpose of the course is the production of a complete written script that fulfills the specialized needs of this particular writing genre. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 4150. The Tradition of Rhetoric: Principles and Practices (3)
This course examines rhetorical history and theory as it started in classical Greece, developed in ancient Rome, was modified in medieval times, and matured into modern times. The use of rhetoric as a practical force, as a base in the academic tradition, as part of modern media (including the work of Walter J. Ong), and as a necessary part of pedagogy in teaching is reviewed in its methods and concepts as a valuable principle in human communication. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)
EN 4160. Technical Writing (3)
A course that introduces the student to technical and professional written communication. The place of information retrieval and analysis, the sequence, shape, and style of documents, the use of graphic and design elements, and specific technical documents and their applications to designated readers are studied in detail. Regular assignments provide application of the principles. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 4180. Report Writing (3)
Intensive course in the writing of reports usual in business, institutions and government. Includes research, layout and graphics. One original project required. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 4190. Literature and Orality: A Rhetorical Synthesis (3)
A course that studies the oral basis of modern writing beginning with oral epics and continuing through Greek chirographic drama into the modern typographic novel. Works that present rhetorical backgrounds (Aristotle, Horace, Longinus) are reviewed to synthesize the rhetorical forms with the literature. Recent work on literacy theory is also examined along with the implications of this work for the written and spoken word. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 4370. Shakespeare Seminar III (3)
An intensive study of Shakespeare selected from the range of Shakespeare's poetry and drama in language, structure, backgrounds, and criticism for English majors and those with a deep interest in Shakespeare. The course is run in seminar fashion. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 4390. Milton (3)
Assuming little or no previous experience with Milton, the course covers the major and minor works with emphasis upon the poet's mastery of different genres of poetry and prose. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

EN 4545. Metaphor as Textual Event in 19th Century Fiction (3)
This is an intensive upper-division seminar that focuses on metaphor in the fictional prose works (as opposed to the poetry) of the nineteenth century, both in America and on the Continent. Highlighting foundation texts that have contributed significantly to the development of prose, this course will expose a wide range of writers that were attempting to broaden the concept of literature, perhaps, during this time period. The purpose here is to apply metaphorical theory and methodologies, from Aristotle to the present, to the fiction of authors such as Washington Irving, Nathaniel Hawthorne, and Guy de Maupassant. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 4600. Twentieth Century British and American Poetry (3)
A survey of the principal figures and major developments in 20th century British and American poetry from Yeats, Pound, Eliot, Stevens and Williams to contemporary poets. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 4610. African American Literature (3)
This course studies major works by major African American writers by addressing one or two selected themes developed in a variety of genres. The authors studied, predominantly of the 20th century, span several literary movements, beginning with pre-Civil War writings and moving through the post-1960's avant garde period. The primary aims of the course include deepening students' awareness of the social and literary contributions of African Americans to the larger body of American literature and exploring the ways African Americans define themselves and their unique culture in their literature. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 4620. The Novels of Faulkner (3)
Study of the themes in Faulkner's novels. Readings include: The Unvanquished, Intruder in the Dust, The Bear, Spotted Horses, Old Man, As I Lay Dying and Absalom, Absalom. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 4640. Americans in Paris (3)
In this course students examine poetry and fiction of American writers who found community and artistic inspiration in the City of Light during the early decades of the 20th century, especially in the entourage of Gertrude Stein. She labeled them “A Lost Generation.” While such writers as T.S. Eliot, F. Scott Fitzgerald, Ernest Hemingway, John Dos Passos, may have felt alienated and dispossessed, they gave American Literature its modern vision. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 4800. Honors Dante and Dostoevski (3)
In-depth reading of two figures who reflect the moral and intellectual crises of their times. Dante's Divine Comedy, Dostoevski's Notes from Underground, Crime and Punishment and The Brothers Karamazov. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150, or equivalent and honors status or instructor approval.

EN 4810. Mythology: Literature and Criticism (3)
The course begins with a survey of Greek and Roman mythology and considers its influence on literature along with definitions of mythology. Selected authors are read to familiarize students with the use of myth in literary works. Selected myths from west to east are examined according to
modern classifications of mythic themes. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 4820. Literary Theory: Text and Context (3)
An intensive upper-division seminar that focuses on techniques derived from historical as well as mid- and late-20th century literary criticism to examine literary texts and the role that literary theory has played in our understanding of the concept of literature, per se. Applying a variety of theory-based methodologies to selected poems, short stories, and novels, the course introduces the student to both the literature and the theoretical constructs that have helped form what has become the modern institutions of literary culture. The impact of such approaches as diverse as traditional, authorial intensions; text-centered analyses; and the more intense, linguistic focus of recent history will be combined with applied textual analysis techniques that reveal different, yet not altogether opposing, insights into a representative sample of texts as diverse as Andrew Marvell’s “To His Coy Mistress,” William Shakespeare’s Hamlet, Nathaniel Hawthorne’s “Young Goodman Brown,” and Alice Walker’s “Everyday Use,” to name a few. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150; and junior standing or above. (LTII)

EN 4830. Honors Classic to Romantic (3)
While comparing views of Neoclassical and Romantic British literature, e.g., regarding human nature, social and political change, truth, imagination, objectivity and subjectivity, the course focuses on major writers of the respective periods: poets like Dryden and Keats; novelists like Defoe and the Brontës; dramatists like Sheridan and Shelley; literary theorists like Dryden, Pope, Johnson, Wordsworth, Coleridge, Shelley, and Keats. In addition, the course takes up issues and events (e.g., the Bloodless Revolution and the French Revolution) which comprise the intellectual contexts of both periods. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150, or honors status or instructor approval. (LTII)

EN 4840. Satire: Classical to Modern (3)
This course offers a selection of essays, fiction, and poetry in various satiric modes from ancient Greece to current cartoons. The focus of the course is formulating a definition of satire that is sufficiently broad to include the various types but sufficiently precise to categorize and analyze their approaches. The course starts with generating and classifying the subjects of satire, broadly considered to be anything that people in a given time and place hold sacred but which they think their companions respect insufficiently. The course continues with tones, genres, purposes of satire. The course is organized both chronologically and topically. Besides considering many classical examples, from Aesop to Mark Twain to Chekhov, students also search current periodicals for examples of satire and for the raw material of satire: they consider the differences between reportage and satire, between comedy and satire. The purpose of the course is to demonstrate the Protean character of satire. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 4850. Modern Drama (3)
This course introduces the student to many of the major works in the modern theatre, starting with Henrik Ibsen and ending with David Mamet. Response papers approach the problems of casting, directing, or interpreting a play based on the student’s knowledge of the author’s intent. Longer papers explore in more depth with the use of secondary sources some problem in one or more plays that is a theme of twentieth-century drama. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 4855. Colonialism and Literature (3)
An inquiry into the relationships between British literature and the empire from the 16th to the 20th centuries, the course will explore works by writers such as Shakespeare, Swift, Dickens, Kipling, Conrad, Forster, Joyce, and Woolf. Prerequisite: EN 1110/1120, or EN 1140, EN 1150, or equivalent. (LTII)

EN 4860. Postcolonialism and Literature (3)
Exploring a variety of themes (identity, tradition, change, and cultural values, for example) in the literature of colonized nations such as Ireland, India, and Nigeria, the course focuses on the global phenomenon of postcolonialism in the works of major 20th century writers such as James Joyce, Chinua Achebe, Salman Rushdie, Wole Soyinka, and Anita Desai. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 4880. Poetry of Ecstasy (3)
Since Sappho, Lyric poetry by definition celebrates the emotions. Certain poets intensify the language and passions of this already avid genre to the level of ecstasy. This course will examine in detail the works of several modern poets with a view to understanding the techniques they used to heighten the tone and meaning of their writings. Poets to be studied may include William Wordsworth, Walt Whitman, Emily Dickinson, Anne Sexton, and Sylvia Plath. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150, or equivalent. (LTII)

EN 4920. Report Project (3)
This course prepares the student to develop an extensive report project and prepare both a written report and an oral presentation with participation
FS 1100. First Year Seminar (1)  
**Fall semester**  
This seminar, offered to first-time college students, aims to orient students academically to Rockhurst University by introducing them to classmates, faculty, and staff, and by exploring the meaning of their core studies. We emphasize these core areas of the curriculum by defining them and by showing how they integrate all elements of holistic learning. Further, we introduce students to service activities and to such college cultural events as plays, musical performances, and visiting scholar lectures. Additionally, students learn library usage, time and stress management, college level note-taking strategies, listening skills, and computer locations on campus. Students collect abundant written materials throughout the semester which they can use for all of their Rockhurst education. This course immerses students in the Rockhurst motto, “Not what to think, but how to think.”

EN 4930. Senior Thesis (1-3)  
The senior thesis, written under the guidance of a member of the English Department, is a longer, sustained piece of writing that demonstrates the major skills of reading, writing, and research in a culminating experience on a topic related to a student’s studies in the major. Credit varies according to the topic chosen. Prerequisite: Senior standing and department chair approval.

**FRENCH (FR)**  
See: Classical and Modern Languages and Literature

**FRESHMAN SEMINARS**  
See Helzberg School of Management section for the Freshmen in Business Seminar description.

**FS 1100. First Year Seminar** (1) **Fall semester**  
This seminar, offered to first-time college students, aims to orient students academically to Rockhurst University by introducing them to classmates, faculty, and staff, and by exploring the meaning of their core studies. We emphasize these core areas of the curriculum by defining them and by showing how they integrate all elements of holistic learning. Further, we introduce students to service activities and to such college cultural events as plays, musical performances, and visiting scholar lectures. Additionally, students learn library usage, time and stress management, college level note-taking strategies, listening skills, and computer locations on campus. Students collect abundant written materials throughout the semester which they can use for all of their Rockhurst education. This course immerses students in the Rockhurst motto, “Not what to think, but how to think.”

**NS 1000. Freshmen in Science Seminar** (1) **Fall semester**  
The purpose of the course is to assist beginning science/math students in exploring the nature of the study of science and mathematics and to explore career options in science and mathematics. It does this in the larger realm of the mission and values of Rockhurst University and its science and mathematics programs. This course has been designed to facilitate partnerships in learning with faculty, study groups and classmates; to propose time management strategies; to become more aware of science requirements in various fields of study; to discuss the importance of ethics in science as well as in the community at large; to evaluate the importance of personal wellness; to value diversity within science and the community; to examine the relationships between interests/values/skills as they relate to career alternatives, and to foster a sense of becoming “men and women for others” within a service learning project.

**GERMAN (GR)**  
See: Classical and Modern Languages and Literature
GLOBAL STUDIES (GS)

Professor     Frank J. Smist, Jr., Ph.D. (Program Director)

The global studies major is interdisciplinary in scope and is designed to prepare graduates who will be ready to assume leadership roles in the 21st century.

The major itself is designed to give students a thorough understanding of and appreciation for Western tradition and values; familiarity with world systems (physical, social, cultural, political, economic and historical); competency in a second language sufficient for the use of that language in study and travel; an opportunity to do in-depth study in a specific area of the world; and the possibility for an international experience through an appropriate internship, study abroad program, or travel abroad experience.

In addition to GS 1000, students also enroll in a global issues seminar. The remainder of the course requirements are drawn from across the disciplines and are designed to produce well-rounded individuals who have a good understanding of the world of the 20th century and who are prepared to confront the challenges of the 21st century.

Major Field of Concentration

The lower-division prerequisites for the Bachelor of Arts degree in global studies include HS 1100 and HS 1500 Survey of Western Civilization I, II; or HS 1701 and HS 1702 World Civilizations I, II; or HU 2110 and HU 2120 Integrated Humanities I, II; EC 2000 Principles of Macroeconomics or EC 2100 Principles of Microeconomics; GS 1000 and HS 2500 History of the United States II; and a foreign language requirement of four semesters of college level course work of the same foreign language or four years of high school and one year college-level course work in the same foreign language.

The upper-division requirements include EC 4200 International Economics, EC 4300 Comparative Economic Systems, GS 3550, one course on the Third World and one special topic course in global studies. A grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.)

Students are also expected to complete a minimum of 12 hours in one of several tracks: options include language and culture, area studies (Europe, Latin America, Central America, and Pacific Rim) and business (commerce, management, marketing or finance).

Other courses should be chosen in consultation with the global studies director.

Minor Field of Concentration

Students seeking a minor take GS 1000 and GS 4900 and three other upper-division courses from among the following: GS 3300, GS 3310, GS 3350, GS 3370, GS 3500, GS 3520, or GS 3550. A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

GS 1000. Introduction to Global Studies     (3)
In the world of the 21st century, a global perspective is an absolute necessity. This course attempts to develop such a global perspective through an examination of some of the key issues and problems that presently confront the world community. Particular attention is given to recent developments in the Middle East and changes taking place in the former Soviet Union and Eastern Europe. Issues such as the danger of nuclear proliferation, the environment and global warming, and the state of the world’s children are also addressed. In addition, the non-Western European heritage of the United States is also considered. Special attention is given to American Indians and African-Americans.

Finally, the outlook for what awaits the United States and the world community in the 21st century is discussed and examined. (SRI)

GS 3170 (PS 3170). Political Leadership     (3)
Although political leadership is the principal focus of the course, leadership is also considered in a wider context. What is a leader? What are the qualities that are necessary to be an effective leader?
How can leaders build credibility? How important are the qualities of character and competence? What constitutes “successful” leadership? Particular attention is given to the following leaders: Jesus Christ, Theodore Roosevelt, Woodrow Wilson, Mahatma Gandhi, Lyndon Johnson, and Dr. Martin Luther King Jr. (SRII or SRI)

GS 3300 (PS 3300). Western European Politics (3)
A comparative study of the political institutions of Great Britain, France and Germany with particular emphasis on current problems. (SRII or SRI)

GS 3310 (PS 3310). Eastern European-Russian Politics (3)
A comparative study of the political institutions of the former communist states in Eastern Europe and Russia with particular emphasis on current problems stemming from the dramatic changes which began in 1989.

GS 3330 (PS 3330). The U.S. and the Pacific Rim (3)
The course is a comparative study of U.S. relations with the countries of East Asia (China, Japan, Korea and the Russian Far East) and Southeast Asia (Indonesia, Malaysia, the Philippines, Singapore, Thailand and Vietnam). Besides looking at political practices and institutions, the course also examines how U.S. relations with these countries have been affected by geographical, historical, economic and cultural factors. (SRII or SRI)

GS 3350 (PS 3350). Latin American Politics (3)
A comparative study of the political institutions of major Latin American states with a major emphasis on the unique historic and cultural milieu. Particular emphasis is placed on current domestic and foreign policy issues. (SRII or SRI)

GS 3360 (PS 3360). Mexican Culture and Politics (3)
An interdisciplinary study of Mexico focusing on its unique history, culture, politics and economy. Particular emphasis is placed on current domestic and foreign policy issues and Mexico’s developing bilateral relationships with the United States.

GS 3370 (PS 3370). Middle Eastern Politics (3)
A comparative study of the political institutions of selected Middle Eastern states with particular emphasis on the Arab-Israeli conflict and the politics of oil. (SRII or SRI)

GS 3500 (PS 3500). U.S. Intelligence Operations (3)
A study of the evolution of U.S. intelligence operations and national security policy from Pearl Harbor to the present post-Cold War world. Special attention is devoted to the roles of the CIA, FBI, and National Security Agency and the degree to which the dilemmas raised between the public’s right to know in a democracy and the government’s right to protect the national security can be reconciled. (SRII or SRI)

GS 3510 (PS 3510). Politics in Fiction and Film (3)
A study of how politics is depicted in fiction and films. Students read works of fiction and view films that touch upon politics and the political process from both an American and international perspective. (SRII or SRI)

GS 3520 (PS 3520). U.S. Foreign Policy (3)
This course initially focuses on the historical experiences and values shaping the foreign policy of the U.S. The role played by the major branches of the federal government as well as non-government actors then is studied. The course concludes with an analysis of U.S. policy toward selected countries and regions of the world. (SRII or SRI)

GS 3550 (PS 3550). International Relations and Organizations (3)
A study of the underlying forces influencing international affairs and the power positions of states with particular attention to the role of the United Nations and other international organizations. (SRII or SRI)

GS 3580 (PS 3580). Politics and Religion (3)
A study of the impact of religion on the political processes of selected nation-states as well as in the international arena. The political dimensions of Christianity, Judaism, Islam, Hinduism, and Buddhism are considered.

GS 4670 (PS 4670). Democracy: Theory and Practice (3)
This course examines what “democracy” is and what it means. Different theories about democracy are identified. Each of these theories is compared and contrasted in terms of both citizenship and education. A key component of this course is a practicum or field experience that enables course members to integrate theoretical reflections on citizen education with some practiced public work in helping young citizens to educate themselves about the public world. (SRII or SRI)

GS 4700 (PS 4700). Honors: Seminar on Leadership (3)
This seminar will use the tools and methods available to the political scientist to examine leadership and specific leaders. The life and careers of such leaders will be considered and evaluated. There will be a service learning dimension as well. Prerequisite: Junior standing and honors program. (SRII or SRI)

GS 4900 (PS 4900). The United States and the Post-Cold War World (3)
This course examines the end of the Cold War and the issues and responsibilities that confront the United States and the American people in the post-Cold War world. Special attention is given to developments in the republics of the former Soviet Union and the triangular relationship between the United States, Europe, and the Pacific Rim. (SRII or SRI)
History is the study and interpretation of recorded past events. It is a rich and complex discipline which attracts students for a variety of reasons. As Roland Stromberg suggests, “People read history for enjoyment, instruction, orientation, stimulation, inspiration, and even therapy; they study the record of past events to broaden their horizons, sharpen their critical sense, find their roots, strengthen their pride, criticize their society, discover other societies; they turn to history out of boredom, curiosity, discontent, piety.”

A well-conducted study of history affords new perspectives on the human condition and provides the truly curious intellect with a method and perspective for the study of human civilization in all its triumphs and failures. Student historians grow intellectually and personally as they formulate questions and suggest answers to the most persistent of human problems in light of a history of cultural development. Such study requires the cultivation of the skills of critical thinking and analysis, problem-solving, and communication.

Rockhurst alumni have translated the skills acquired in their history major into a variety of significant fields and positions in government, education, business, and the professions.

Major Field of Concentration
The major concentration in history consists of 21 semester hours of upper-division work, including the required HS 4000 Colloquium on the Great Historians and HS 4900 Senior Seminar in History. Also required are 12 semester hours of related upper-division courses chosen under the direction of the major advisor. The student should consult closely with the history department chair in arranging the major program of study.

Lower-division prerequisites for the history major include: HS 1100 or HS 1701 and HS 1500 or HS 1702, or HU 2110/2210 and HU 2120/2220. HS 2100 and HS 2500 are also required. Also required are two semesters of college-level study in one language other than English. This requirement may be fulfilled by completing two semesters of college-level literature in one language other than English. In either case, the language courses must be taken for college-level credit. [Neither College Level Examination Program (CLEP) nor Advanced Placement (AP) exams fulfill this requirement.] A grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.)

Minor Field of Concentration
The minor program consists of 18 credit hours of history. Students are required to take the historical modal core requirement of a Western or World Civilization survey course plus an additional lower-division survey course and 12 hours of upper-division electives with grades of C or better. (A grade of C- will not satisfy the requirement.) The student should consult closely with the history department chair in arranging the minor program of study.
HS 1100. Survey of Western Civilization I (3)
Fall and Spring semester
An introduction to various themes in the history of western civilization from the rise of Egypt to the Renaissance and Reformation. Students examine the development of western ideas and society in their formative periods and are exposed to a number of the most significant peoples, works, events, ideas, and institutions in the western tradition. (HSI)

HS 1500. Survey of Western Civilization II (3)
Fall and Spring semester
An introduction to various themes in the history of western civilization from the 17th century to the present. This course examines such developments as the rise of the modern nation state, the French and Industrial Revolutions, the influence of 19th century liberalism and nationalism, World Wars I and II, and contemporary society and culture. Students are introduced to some of the major ideas, events, and personalities in the modern era and to the value of the historical perspective in considering the human condition. (HSI)

HS 1701. World Civilizations to the 17th Century (3)
Fall and Spring semester
This course will survey the growth and development of world civilizations and history from the earliest times until the emergence of new global European dominance in the 17th century. This period was one during which world civilizations were generally equal and interdependent. It was an exciting time that saw the initial development of systems such as politics, economy, religion, culture, and education that have played such an important role in shaping the world of today. These changes will be examined in detail over the wide chronological and geographical scope of world civilizations. (HSI)

HS 1702. World Civilizations Since 1492 (3)
Fall and Spring semester
This course examines the history and diverse cultures of the world since ca. 1492 – the era of the rise of European political, economic, and cultural worldwide dominance – until the present day. It is organized chronologically and thematically. Themes include the individual and society, world economics and politics, and racism, nationalism, and internationalism. (HSI)

HS 2100. History of the United States I (3)
Fall and Spring semester
A survey of the history of the United States from the age of Columbus to Reconstruction. Special emphasis is placed on the causes of the Revolution, constitutional foundations, westward movement, and the Civil War crisis. (HSII)

HS 2500. History of the United States II (3)
Fall and Spring semester
A survey of the history of the United States from Reconstruction to the present. Themes include industrial development, immigration, the Depression, the World Wars, and the development of contemporary American society and culture. (HSII)

HS 3000. Ancient History (3)
Topics include the origins of civilization in Mesopotamia and Egypt, the Hebrews and Judaism, Hellenic Greece, the Spartan Way, Periclean Athens, Alexander the Great and the Hellenistic Age, Rome under the Republic, the Augustan Age, the decline and fall of the Roman Empire, and early Christianity. (HSII)

HS 3050. Medieval History (3)
Topics include the history of the West from the fall of Rome to the Renaissance. Special emphasis is placed on the development of western ideas and society in the early medieval period with a special focus on Europe in an era dominated by the influence of popular nationalism. (HSII)

HS 3100. Renaissance and Reformation (3)
Topics include the Renaissance, the Reformation, and the New World. Special emphasis is placed on the development of western ideas and society in the early modern period with a special focus on Europe in an era dominated by the influence of popular nationalism. (HSII)

HS 3150. Early Modern Europe (3)
Topics include the Thirty Years’ War; the Age of Absolutism; mercantilism; the Scientific Revolution; the English Civil War; the Age of Reason; and the Enlightenment. Special emphasis is placed on the development of western ideas and society in the early modern period with a special focus on Europe in an era dominated by the influence of popular nationalism. (HSII)

HS 3180. Europe in the Age of Revolution, 1776-1870 (3)
This course reviews events and developments in Europe during an era marked by popular revolutions and reform movements. Topics addressed include the eighteenth century American and French Revolutions, the rule of Napoleon, the Congress of Vienna and its aftermath, the Irish nationalist movement from the Revolution of 1798 to the Fenian uprising of 1867, the Revolutions of 1830, the Great Reform Act and the Chartist movement in Britain, the Revolutions of 1848, and the cause and consequences of the Industrial Revolution. (HSII)

HS 3200. Europe in the Age of Nationalism, 1870-1945 (3)
This course reviews events and developments in Europe in an era dominated by the influence of popular nationalism. Topics include the national unification of Italy and Germany, the rise of European alliance systems, the Second Industrial Revolution,
the New Imperialism, the First World War and Russian Revolution, the Depression, the rise of totalitarian regimes, and the Second World War. (HSII)

**HS 3250. Europe Since 1945** (3)
This course deals exclusively with events after 1945 while reviewing the problems attached to the study of contemporary history. Topics include the postwar political and economic reconstruction of Europe, the origins and course of the Cold War, the emergence of the welfare state, the decline of colonialism, the student revolts of 1968, the economic difficulties of the 1970s, the fall of Communism in eastern Europe, the reunification of Germany, and prospects for greater European unity. (HSII)

**HS 3320. History of Modern Britain** (3)
A survey of British history from 1714 to the present with special emphasis on the development of Parliamentary government and political reform, the creation of a colonial empire and its demise, the social and economic effects of industrialization, prominent developments in British thought, culture and religion, the relationship of Britain and Ireland, and the contemporary state of the United Kingdom. (HSII)

**HS 3420. The French Revolution and Napoleon** (3)
A close survey of events in the history of late 18th and early 19th century France, this course examines the causes, course and consequences of the French Revolution and the career of Napoleon Bonaparte. Topics include the nature of ancien regime French society and politics, the events and personalities of the Revolution, the military and domestic reforms of the Napoleonic Empire, and the effects of these events on the subsequent course of western history. (HSII)

**HS 3440. Modern France** (3)
A survey of French history since 1815, focusing on the problems confronting post-Revolutionary France in politics and government, society and the economy, thought and culture. Topics discussed include the Revolutions of 1830 and 1848, Louis Napoleon and the Second Empire, the Dreyfus Affair and the fortunes of the Third Republic, World Wars I and II, postwar France and developments in French thought and culture since 1815. (HSII)

**HS 3480. Emergence of Modern Germany** (3)
A survey of German history since 1648, concentrating on problems of political and cultural unity. Topics include the rise of Prussia, the rivalry of Prussia and Austria, Bismarck and German unification, World War I, the Weimar Republic, Hitler and the Nazi state, World War II, the Cold War and the East-West split, the recent East German revolution and the reunification of Germany. (HSII)

**HS 3550. Modern Russia** (3)
From Catherine the Great to the present, stressing domestic affairs, with emphasis on peasants and peasant reforms, the Duma, religion, Russo-Polish relations, the Russian Revolution, World War I and II, the Cold War and the fall of the Soviet Union. (HSII)

**HS 3600. Colonial America** (3)
The history of North America up to the 1770s, including an examination of pre-Columbian Native societies, the exploration and invasion of the continent by Europeans and the resulting different patterns among the Spanish, French, and English colonizers of their own colonial development and of their relations with Native peoples. Developing patterns of the thirteen colonies which rebel from Britain in the 1770s is another area of particular focus. Social, political, economic, constitutional, cultural, religious, gender, and geographic factors are considered. (HSII)

**HS 3650. Civil War and Reconstruction** (3)
The history of the United States from 1845 to 1877. It concentrates on the constitutional, political, economic and social factors of the sectional conflict between North and South, the War Years and the reshaping of Reconstruction. (HSII)

**HS 3660. The American West** (3)
This course traces the impact of the frontier experience on the development of American traditions and institutions. Some of the topics to be explored are cultural, economic, and political institutions; the Native American presence, life on the Kansas plains, the western town, Texas annexation, and the Oregon occupation.

**HS 3670. Native American History** (3)
An exploration of the history and culture of indigenous peoples in North America both before and after contact with Europeans and Africans, to the modern era. The variations in cultures, pattern of development, and patterns of relations with the Spanish, French, English, and with the U.S. government, are major topics within the course. A major goal is to see history “from the other side”—from a Native perspective—to understand Indian people’s actions, motivations, viewpoints, and reactions. (HSII)

**HS 3680. The American South** (3)
This course deals with the unique political, social, economic, and cultural characteristics of the American South, and the impact which this region has had on the development of the United States and American society. Topics will include: Native Peoples of the American South; Albion’s Seed: English Virginia; Africans in America: Slavery and Southern Culture; the Colonial Economy; Tobacco, Rice and Sugar; Religion in the Colonial South; the American Revolution in the South; King Cotton and the Rise of Southern Nationalism; Sectional-
im and Civil War; Reconstructionism and Redemption; the First "New South"; Jim Crow; Tenancy and Debt Peonage; WWII: the War that Drove Old Dixie Down; the Civil Rights Movement; the "New" New South: the Sunbelt's Economic Miracle and Political Influence. (HSII)

HS 3690. Modern America (3)
Changing social and economic orders, World War I and the postwar decade, the Depression, the New Deal, World War II, postwar domestic and diplomatic problems. (HSII)

HS 3700. The United States Since 1945 (3)
The course is a study of the development of America's social, cultural, and political history since World War II, beginning with Harry Truman's presidency to the administration of Ronald Reagan and the politics of the 1980s. Topics explored are the United States as a post-war power, McCarthyism, Cold War politics, the civil rights movements (ethnic, racial, and gender), the Great Society, Vietnam, counterculture, Watergate, and the New Right. (HSII)

HS 3710. Protest Movements in 1960s United States (3)
The course is designed to provide a systematic study of the history and legacy of protest movements in the United States during the decade of the 1960s. Primary and secondary materials will be used to facilitate (a) an in-depth study of major protests of the period and of the people who participated in and led the movements, (b) a comprehension of the interconnections that existed between the movements, and (c) an understanding of the legacy for post-1960s American society. Some of the topics to be discussed include student protests on college campuses, the Chicano movement, Asian American solidarity, the feminist movement, Vietnam War protests, and the Black civil rights movement. Prerequisite: Sophomore or above standing. (HSII)

HS 3750. The United States and Vietnam, 1950-1975 (3)
A survey of the United States' presence in Vietnam and what became America's longest war. The course provides a brief background of France in Southeast Asia, then it examines America's earliest involvement in the region and the resultant war between South and North Vietnam and the United States' participation in the conflict. (HSII)

HS 3800. The Immigrants' Experiences in America (3)
A survey of the history of immigration to the United States. The course examines the impact of immigration on American society and culture. Several groups are studied in some detail as the topics of family, the workplace, urban politics, nativism, religion, and assimilation are explored. Kansas City's immigrant groups are used as a laboratory. (HSII)

HS 3810. History of Women in America (3)
This course introduces and examines the various conditions and factors affecting the female experience in North America from pre-Columbian Native societies to the modern setting. Important issues of this history from a gender perspective include ideology, gender economics, the legal status of women compared to that of men, involvement of women in institutions such as churches and schools. Other variables which are considered are ethnicity, class, and geographic differences. (HSII)

HS 3820. Urban America (3)
This course explores the significance of the city to the people and the nation. Some topics studied are urban growth, the neighborhood, urban reform, politics, the workplace, racial composition, and the Sunbelt phenomenon. (HSII)

HS 3892. The History of African Americans since the Civil War (3)
A survey of the history of African Americans since the Civil War, this course examines the social, economic, and political patterns of the lives of African American women and men as they sought to shape their presence in the United States following the war between the North and the South. Some of the topics to be discussed are the Great Migration, the church in the African American experience, migration to the urban north, the Harlem Renaissance, the industrial age, and the civil rights movement. (HSII)

HS 3895. History of Latin America (3)
This course deals with the development of contemporary Latin America by exploring the region's complex history from the colonial era to the present. Topics will include: European expansion and the treatment of Native Americans; colonial economy and society; race in colonial Latin America; the Catholic Church in colonial Latin America; the Caribbean; Portuguese Brazil; the Bourbon Reforms; independence from Europe; the Rise of the Caudillos; U.S.-Mexican War; Neocolonialism; 19th century society and culture; the Mexican Revolution; economy and society in modern Latin America; Peron's Argentina; Castro and Cuba; religion in modern Latin America; 20th century military dictatorships; the U.S. and Latin America; Latin America in the 21st century. (HSII)

HS 3900. Modern China and Japan (3)
A survey of Chinese and Japanese development from the Manchu and Tokugawa periods of the fifteenth century to the present, stressing traditional domestic policies, confrontation with the West, participation in World War I and II, revolution and the current status of both Asian countries.
HS 3912. History of Modern Middle East (3)
This course is an introduction to the history and civilization of the modern Middle East since ca. 1600. Considerable attention is devoted to the region since 1945 and to the problems and prospects of the present day. Topics covered include a brief survey of the early history of the region, the origins of Islam, the renaissance of Middle Eastern culture in the eighteenth and nineteenth centuries, the move toward independent states in the nineteenth and twentieth centuries, and resurgent “Islamist” and “Pan-Arabist” ideologies of this century. (HSII)

HS 3920. Modern South Asia (3)
This course will survey the history of the nations of modern South Asia – that is, the history of the contemporary nations of India, Pakistan, Bangladesh, Nepal, Sri Lanka, Bhutan, and Myanmar (Burma) – in the years since 1600. While much of the course will focus on pre-1947 India, attention will also be given to the post-independence period and to other nations. The thematic emphases will be on the collapse of the pre-European Mughal Empire, the establishment of British imperial rule in the Indian subcontinent, the growing opposition to that rule which culminated in independence in 1947, and the establishment and maintenance of the modern nation-states of the subcontinent. (HSII)

HS 3922. Nationalism in the Middle East (3)
This course will examine the history and diverse development of nationalism(s) in the Middle East beginning in the second half of the nineteenth century and continuing to the present day. Nationalism in the Middle East is one of the most important issues in the contemporary world as evidenced by the controversies over Palestinian statehood and the attempts of expansionist nationalism by Iraq in the 1990s. After considering various theories of nationalism and their applicability to the Middle East, the course will address nationalism as manifested in the region with particular reference to Arab, Turkish, and Iranian nationalisms. (HSII)

HS 3925. Colonialism, Nationalism, and Decolonization (3)
This course will involve students in an examination of the concepts of colonialism and nationalism and the implementation and ramifications of those ideas in Asia and Africa beginning in the nineteenth century. Topics to be discussed include: the concepts of imperialism, nationalism, and neocolonialism; the motivations behind European colonization efforts; the variety of approaches to colonial administration; nationalist movements for independence; the challenges of the decolonization process and the postcolonial period, including the legacies left by the colonial experience on newly independent nation-states and on former colonial powers. Readings will include primary and secondary sources as well as fictional treatments of colonial experiences. (HSII)

HS 4000. Colloquium on the Great Historians (2)
An introduction to the theory and practice of the historian’s craft, this course reviews acknowledged masterpieces of historiography and examines important issues raised in the writing of history. Readings in the great historians are supplemented by consideration of such topics as the nature of history and the problems of historical causation, objectivity and use encountered by historians. Required for history majors. Prerequisite: Junior standing or above. Concurrent: HS 4900.

HS 4100. History as Biography (3)
This course examines the lives and historical impact of selected individuals who have significantly influenced the history of western civilization, or who have embodied much that is representative of the periods in which they lived. Concomitantly, the student is introduced to several varieties of historical interpretation, using both primary and secondary sources.

HS 4900. Senior Seminar in History (1)
A one credit-hour seminar on research methods in history including regular presentations and discussion of issues and problems in historical research and the completion of a major research paper conducted under the supervision of a history department faculty member and presented orally near the end of the semester. Required for history majors. Prerequisite: HS 4000.
INTEGRATED HUMANITIES (HU)

Professor  Timothy L. McDonald, Ph.D. (Division Chair)
HU 2110 and HU 2120. Integrated Humanities I, II (4)
Fall (HU 2110); Spring semester (HU 2120)
A level one interdisciplinary sequence focusing on significant epochs from Classical Greece to the Twentieth Century as expressed in the primary texts and works of the culture: artistic, historical, literary, and philosophical. An additional component provides the opportunity for students to attend co-curricular events and productions that are relevant to the course. Prerequisite: 1) Freshman standing with one of the following: a) a score of 24 or above on the ACT English test; b) completed writing proficiency or equivalent, or c) honors standing. 2) Sophomore standing or above. (Enrollment in both semesters is necessary to satisfy ARI, HSI, and LTI core curriculum requirements.)

HU 2210 and HU 2220. Honors Integrated Humanities I, II (4)
Fall (HU 2210); Spring semester (HU 2220)
The Honors version of Integrated Humanities I and II includes HU 2210 and HU 2220. Additionally, the Honors version provides students the opportunity to discuss related readings in a biweekly seminar setting. Prerequisite: Honors standing. (Enrollment in both semesters is necessary to satisfy ARI, HSI, and LTI core curriculum requirements.)

JAPANESE (JA)
See: Classical and Modern Languages and Literature

JOURNALISM (JN)
(Department of Communication and Fine Arts)

Associate Professor  Peter Bicak, Ph.D. (Chair)

Journalism courses at Rockhurst University afford students the opportunity to acquire basic skills and a sound preparation for either direct entry into the fields of journalism or public relations or further work at the graduate level. Professional journalists teach many of our courses. Students interested in a career in journalism may complete the minor in journalism through the courses listed below. A description of the International Journalism Program may be found under the Department of Modern Languages and Literature. One-semester part-time internships are available to give students introductory on-the-job experience. A writing sample that indicates college-level proficiency is required for acceptance into the journalism program.

Minor Field of Concentration
The prerequisites for the minor in journalism are: AR 1400 Basic Photography or JN 3450, CT 2200 Mass Communication, and JN 2000.
Four upper-division courses must be selected from the following list: CT 4890 Seminar in Mass Media, JN 3000, JN 3030, JN 3050, JN 3500, JN 4170, or JN 4180.
A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

Certificate in Journalism
This undergraduate certificate program provides students the opportunity for concentrated studies to enhance professional skills. Rockhurst University awards a certificate in Journal-
ism to non-degree-seeking students who complete the equivalent of the minor in Journalism. The courses required for the certificate in Journalism are JN 3450 or AR 1400 Basic Photography; CT 2200 Mass Communication; JN 2000; and four upper-division courses selected from the following: CT 4890 Seminar in Mass Media, JN 3000, JN 3030, JN 3500, JN 4170, JN 4180. A grade of C or better is required for each upper-division course for the certificate. (A grade of C will not satisfy the requirement.) The certificate in Journalism is not available to degree-seeking students seeking a minor in Journalism. Admission to the program requires a minimum of a high school diploma or equivalent. Students with previous college work should request that an official transcript be sent to the Office of Admission.

JN 1030. Publications: Newspaper
Fall and Spring semester
Practice in actual newspaper production. Includes writing of news stories, features and editorials; copy editing and rewriting, layout and preparation of camera-ready copy for press. Maximum credit hours possible: six. Prerequisite: membership on college newspaper staff and advisor approval. (Activity course)

JN 1040. Publications: Yearbook
Fall and Spring semester
Practice in actual book publication includes copywriting, photography, layout and preparation of camera-ready material for the press. Maximum credit hours possible: six. Prerequisite: membership on yearbook staff and advisor approval. (Activity course)

JN 2000. Introduction to Journalism
Fall semester
This course is required as a prerequisite for subsequent journalism courses. It provides a basic survey of the field and instruction in the fundamentals of journalistic writing, interviewing, and editing. Journalism ethics and libel law are included. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

JN 3000. Advanced Reporting
Fall semester
Building upon the skills acquired in JN 2000, this course involves theory and practice in writing the longer news story and other types of journalistic writing. It includes interviewing, research, and in-depth coverage. Prerequisite: JN 2000.

JN 3030. Feature Writing
Study of the various forms of feature writing and practice in the same. Included are human interest, personal profiles, news features, as well as features in social, political, educational and urban affairs. Prerequisite: JN 2000.

JN 3050. Editing and Design
Theory and practice in editing copy, writing headlines and designing the layout of newspapers and magazines. Design theory and typography styles are included. Prerequisite: JN 2000.

JN 3450 (AR 3450). Photojournalism
This course explores the ability of photography to record news events, stories of human interest, and contemporary social issues. Photographic techniques with 35mm Black-and-White film and printing is introduced and reviewed. The analysis and criticism of images, the editing of photos and text, and the creation of narrative through the combination of word and image are primary areas explored. In addition, ethical and legal issues in photojournalism are introduced and examined. A 35mm, fully adjustable, single lens reflex (SLR) camera is required. Lab fee. Prerequisite: AR 1400 or JN 2000 or instructor approval.

JN 3500 (CT 3500). Introduction to Public Relations
This course will examine the history, theory, philosophy, and functions of public relations practices and programs in organizations. The course may provide case study and/or service learning opportunities for students to identify, analyze, and critique public relations practices. Prerequisite: CT 2000, JN 2000.

JN 4170 (CT 4170). Advertising Copywriting
A course in the conception and execution of creative, effective advertising for newspapers, magazines, radio and television. Includes a general survey of the field of advertising. Case studies, prizewinning advertisements and field trips may be included. Prerequisite: CT 2200 Mass Communication or JN 2000 or MK 3000 Principles of Marketing.

JN 4180 (CT 4180). Broadcast Journalism
A course in gathering, writing and producing news for radio and television. Included are skills in interviewing, editing news for broadcast and identifying news sources. Special problems unique to broadcast journalism are discussed. Prerequisite: CT 2200 and JN 2000.

JN 4970. Journalism Internship
Opportunities to work in magazine, newspaper, radio, television and World Wide Web site journalism. Prerequisite: Junior standing, a 3.0 GPA in the student’s major, JN 2000, two upper-division journalism courses related to the specific internships, and internship faculty advisor approval.
Latin (LT)
See: Classical and Modern Languages and Literature

Mathematics (MT)
(Department of Mathematics, Computer Science and Physics)

Professor  Merrill B. Goldberg, Ph.D.
           Robert F. Hegarty, Ph.D.
           John G. Koelzer, M.S.
           Anita Salem, M.A.

Associate Professor  Keith Brandt, Ph.D. (Chair)
                     Paula A. Shorter, Ph.D.

The mathematics program at Rockhurst University provides a set of courses ranging from theoretical to the applied to meet the professional and graduate school needs of mathematics majors. The mathematics program is also committed to providing relevant and practical mathematics courses to satisfy the University’s proficiency requirement and to support coursework in other disciplines.

There are many career paths open to students graduating with a degree in mathematics. Some of the fields that students may choose upon graduation are: teaching and theoretical research in mathematics; scientific work; theoretical computer science work; business problem-solving through operations research; and management of risks through actuarial work.

Major Field of Concentration
The major in mathematics requires the following specific courses: three semesters of calculus (MT 1800, MT 1810, MT 2800), a computing course (CS 1080 or CS 1110/1120), MT 3800, MT 3810, either MT 4900 or MT 4920, and MT 4960 (a one-credit mathematics seminar). A student should normally complete most of these required courses (except for the seminar) before the junior year. Beyond these required courses, the student will take additional courses to total at least 19 upper-division hours of mathematics beyond the calculus sequence and 12 upper-division hours in a related area or areas. Students should consult with the faculty advisor in selecting courses. A grade of C or better is required in each upper-division course counted toward fulfillment of the major requirements. (A grade of C- will not satisfy this requirement.)

Minor Field of Concentration
The student may choose between two tracks for a mathematics minor. Students majoring in physics complete, and can apply for, a mathematics minor under the applied mathematics track. A grade of C or better is required in each upper-division course counted toward fulfillment of the minor requirements. (A grade of C- will not satisfy this requirement.)

1. Classical mathematics track: The student must take MT 2800, MT 3800, MT 3810, either MT 4900 or MT 4920, and at least one additional 3000- or 4000-level three-credit-hour MT course.

2. Applied mathematics track: The student must take MT 2800, MT 3700, and MT 3810, plus MT 3530 or MT 3710, in addition to at least one additional 3000- or 4000-level three-credit-hour MT course.
MT 0100. Algebra (3)

*Fall and Spring semester*

Linear equations, systems of equations, graphs, polynomials, fractional expressions and equations, quadratic equations and functions, inequalities, exponents, powers and roots. Provides the background necessary for either MT 1030 or MT 1190. Recommended: two years of mathematics in grades 9-12 (including at least one year of algebra).

MT 1030. Finite Mathematics (3)

*Fall and Spring semester*

A college-level math course based on a background in algebra presenting mathematical techniques to solve a variety of problems. Topics may include: linear equations and inequalities, including optimization through linear programming; mathematics of finance including compound interest; discrete probability based on counting methods, conditional probability; expected value and descriptive statistics. Recommended: at least three years of mathematics in grades 9-12 or MT 0100. (MTP)

MT 1090. Calculus for Business (3)

*Fall and Spring semester*

An introductory calculus course primarily for the business student. Introduction to derivatives and integrals with emphasis on such business applications as demand functions, cost curves, elasticity of demand and economic order quantity. NOTE: MT 1090 does not prepare a student to continue with additional calculus; students wishing a deeper study of calculus should pursue the regular calculus sequence beginning with MT 1800. Prerequisite: MT 1030 or instructor approval. (MTP)

MT 1140. Mathematics for Elementary School Teachers (3)

*Spring semester*

A study of mathematics topics the elementary school teacher is likely to teach, with an emphasis on the problem-solving approach. Topics include structure of the real number system, sets and relations, number theory, operations involving rational and irrational numbers, introductory geometry, concepts of measurement and the metric system. Restricted to Elementary Education majors. Recommended: MT 0100 or HS equivalent.

MT 1190. Precalculus (3)

*Fall and Spring semester*

Mathematical topics preparing students to study calculus. These topics include the study of functions in a variety of representations, including tabulated data, graphs and formulas; characteristic features of a variety of function types (including linear, power, polynomial, exponential, logarithmic, trigonometric); and the course may include mathematical modeling from data and from theoretical assumptions. Recommended: two years of high school algebra or MT 0100. (MTP)

MT 1510. Discrete Structures (4)

*Spring semester*

The major topics of study include functions, relations, sets, propositional and predicate logic, proof techniques, elementary combinatorics and discrete probability concepts. Prerequisite: MT 1190. (MTP)

MT 1800. Calculus I (4)

*Fall and Spring semester*

The derivative, curve sketching, maxima and minima, velocity and acceleration, trigonometric and exponential functions, integration, inverse functions and logarithms. Recommended: ACT Math score of 25 or higher or a grade of C or better in either MT 1190 or MT 1510. (MTP)

MT 1810. Calculus II (4)

*Fall and Spring semester*

The integral, applications of the integral (including area, volume, center of mass, continuous probability), techniques of integration, first-order differential equations, sequences and series. Prerequisite: A grade of C or better in MT 1800. (MTP)

MT 2420. Actuarial Science Practicum I (1)

This course is aimed at students who are interested in pursuing a career in actuarial science. It is designed to give them experience and practice with the types of problems encountered on the first examination in the series of Society of Actuaries exams. Prerequisite: MT 3400.

MT 2430. Actuarial Science Practicum II (1)

This course is designed to give students experience and practice with the types of problems encountered on the second examination in the series of Society of Actuaries exams. Prerequisite: MT 3400 and MT 3410.

MT 2800. Calculus III (4)

*Fall semester*

Improper integrals, analytic geometry, polar coordinates, functions of several variables, higher partial derivatives, vector operations and multiple integrals. Prerequisite: A grade of C or better in MT 1810. (MTP)

MT 3400. Probability and Statistics I (3)

*Fall semester of even-numbered calendar year*

Basic probability theory, counting techniques, discrete random variables and probability distributions, probability distribution functions, cumulative distribution functions, expected value, conditional probability and independence, Tchebysheff’s theorem, statistical inference, confi-
ence intervals, hypothesis testing, regression analysis and applications in physical and social sciences. Prerequisite: A grade of C or better in MT 1810.

MT 3410. Probability and Statistics II (3)  
*Spring semester of odd-numbered calendar year*  
Continuous random variables and probability distributions, probability density functions, cumulative distribution functions, central limit theorem, moment-generating functions, functions of random variables, sampling distributions, statistical inference, confidence intervals, hypothesis testing, regression analysis and applications in physical and social sciences. Prerequisite: A grade of C or better in MT 3400.

MT 3530 (CS 3530). Numerical Methods (3)  
*Spring semester of even-numbered calendar year*  
Numerical solutions to algebraic and differential equations: numerical integration; interpolating polynomials and regression analysis; simultaneous equations and solutions to partial differential equations. Prerequisites: A grade of C or better in MT 1810.

MT 3700. Differential Equations (3)  
*Spring semester*  
A dynamical systems approach to the study of solutions to differential equations. Some analytical solution techniques are covered, but emphasis is placed on qualitative, geometric and numerical techniques of finding solutions. Modeling is incorporated throughout the course. Prerequisite: A grade of C or better in MT 1810.

MT 3710. Applied Analysis (3)  
*Spring semester of odd-numbered calendar year*  
Determinants and matrices, introduction to functions of a complex variable, Fourier series and integrals, vector analysis, introduction to partial differential equations with applications and calculus of variations. Prerequisite: A grade of C or better in MT 3700 or instructor approval.

MT 3800. Introduction to Abstract Mathematics (3)  
*Spring semester*  
A basic introduction emphasizing the development and presentation of sound mathematical arguments. Topics include logic, sets, relations, functions, and proof techniques. Little formal mathematics is needed, but intensive logical thought and an interest in the goal of the course are essential. Prerequisite: A grade of C or better in MT 1810 or instructor approval.

MT 3810. Linear Algebra (3)  
*Fall semester*  
Vector spaces, linear transformations, matrices, linear systems, determinants, eigenvalues and eigenvectors. Prerequisite: A grade of C or better in either MT 1810 or MT 1510.

MT 3450. Introduction to Topology (3)  
Topology of Euclidean spaces and metric spaces; general topological spaces. Continuous mappings and Homeomorphisms. Separation axioms, connectedness and compactness. Prerequisite: A grade of C or better in MT 3800.

MT 4550. Number Theory (3)  
This course introduces the student to the study of properties of integers. The approach used involves exploration activities designed to uncover these properties as well as the validation of these properties through theorems and proofs. Topics include: divisibility properties of integers, prime numbers, congruences, and Diophantine equations. Prerequisite: A grade of C or better in MT 3800 or instructor approval.

MT 4600. Modern Geometry (3)  
*Spring semester of odd-numbered calendar year*  
The study of many different geometries rather than a single geometry. Topics include: axioms for Euclidean geometry, finite geometries, geometric transformations, convexity and non-Euclidean geometry. Prerequisite: A grade of C or better in MT 3800.

MT 4900. Abstract Algebra (3)  
*Fall semester of even-numbered calendar year*  
Set theory, relations, rings, integral domains, groups, fields, polynomials, unique factorization domains and vector spaces. Prerequisite: A grade of C or better in both MT 3800 and MT 3810.

MT 4920. Real Analysis (3)  
*Fall semester of odd-numbered calendar year*  
Set theory, real number system, Euclidean and metric spaces. Real functions, continuity, differentiation, integration and sequences of functions. Prerequisite: A grade of C or better in both MT 2800 and MT 3800.

MT 4930. Complex Analysis (3)  
The algebra of complex numbers. Analytic functions, integration, complex series, conformal mapping, boundary value problems and integral transforms. Prerequisite: A grade of C or better in both MT 2800 and MT 3800.

MT 4960 (PH 4960). Mathematics Seminar (1)  
*Spring semester*  
Presentations by Junior and Senior students on mathematical topics. Students learn presentation techniques through oral and written reports, poster presentations, and web page creation.
The music program at Rockhurst University offers a range of courses that provide opportunities for the study of music literature, and, in addition, various options for applied study in musical performance. Ensembles such as the University Chorus, Chamber Singers and Women's Chorale provide additional opportunities for students to participate in musical activities on and off campus.

Music literature courses emphasize an interdisciplinary approach by exploring the effects of literature, visual arts, philosophy, history and social conditions upon the creation of musical art.

Courses in applied music at Rockhurst University (piano, voice and guitar) are based on a holistic approach in which the development of the requisite physical and mental disciplines is seen as a means of achieving direct artistic experience. While studies in music literature develop skills in music criticism, applied music study provides the opportunity to experience art as a participant.

**Minor Field of Concentration**

No major is offered in music. A music minor is available for interested students. The prerequisite lower-division courses for the minor are MS 1000 or MS 1030 plus three semester courses in performance in Rockhurst Chorus, Chamber Singers, Women's Chorale or applied voice, piano, or guitar. The 12 hours of upper-division requirements consist of two of the following: MS 3350, MS 3370, MS 3410, MS 3430, MS 3450, MS 3500, MS 3650 or a Special Topics in Music course, plus additional semester courses in performance in Rockhurst Chorus, Chamber Singers, Women's Chorale or applied voice, piano, or guitar. A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

**MS 1000. Introduction to Music** (3)
A basic introduction to the art of music, including a survey of the elements of musical composition and the historical styles of Western music, with emphasis on the development of effective listening techniques and critical skills. (ARI)

**MS 1030. Concerts in Kansas City** (3)
Attendance at live performances is the focus of this music appreciation course. Supplemental studies in listening techniques and music literature provide significant insights into modern concert life in Kansas City. (ARI)

**MS 1050. Live Concert Experience** (1)
Students select and attend six live concerts in classical and jazz styles and then submit a short paper for each summarizing and evaluating their experiences. Students must meet categorical requirements to ensure a varied experience that includes professional, community and academic music performances. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

**MS 1110. Introduction to Music Theory** (3)
A course that explores the structural elements of music for the purpose of enhancing performance, composition or improvisation. Exercises in music reading, writing, and sightsinging provide a basis for developing essential skills. The course begins with construction of scales, and proceeds with the study of intervals, chords, rhythm, non-harmonic tones and thematic development.

**MS 1210. Instrumental Music Ensemble I** (1)
This course provides an opportunity for students of various instruments to develop their playing skills in an ensemble setting. Repertoire includes a variety of music from classical to popular.
MS 1250. Rockhurst University Chorus I (1)  
Fall and Spring semester  
Open to all Rockhurst students, the University Chorus sings a wide variety of vocal music, ranging from show tunes to sacred music. Emphasis is placed on the development of singing skills and a commitment to quality performance. The group performs at many campus functions and for various organizations off campus. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

MS 1270. Chamber Singers I (1)  
Fall and Spring semester  
The Rockhurst Chamber Singers is an elite choral performing group, specializing in the performance of music from the Middle Ages to the 20th century, as well as popular music and vocal jazz. Enrollment is limited by audition only, and participation in the Rockhurst University Chorus is required. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

MS 1290. Women’s Chorale (1)  
The Women’s Chorale studies and performs music written and arranged for women’s voices from the Middle Ages to the 20th century. Enrollment is limited by audition only, and participation in the Rockhurst University Chorus is required. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

MS 1510-1519. Applied Music I (1)  
Basic instrumental technique for a prescribed instrument, such as harp. Available for beginning through advanced students. By special arrangement only. Applied music fee. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

MS 1610. Applied Voice I (1)  
Fall and Spring semester  
Basic techniques for vocal performance, with more advanced study of vocal literature and technique as the student progresses. Available for beginning through advanced students. Participation in University Chorus or Chamber Singers is highly recommended. Applied music fee. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

MS 1710. Applied Piano I (1)  
Fall and Spring semester  
Basic piano technique, reading skills and introduction to piano repertoire. Minimum practice requirement: one hour daily. Applied music fee. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

MS 1810. Applied Guitar I (1)  
Fall and Spring semester  
Basic guitar technique, reading skills and introduction to guitar literature. More advanced study of various styles, including folk, jazz, popular, and classical guitar are available as the student progresses. Applied music fee. Students must furnish their own instruments. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

MS 2510-2519. Applied Music II (1)  
Basic instrumental technique for a prescribed instrument, such as harp. Available for beginning through advanced students. By special arrangement only. Applied music fee. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

MS 2610. Applied Voice II (1)  
Fall and Spring semester  
Intermediate techniques for vocal performance, with continued study of vocal literature and technique as the student progresses. Participation in University Chorus or Chamber Singers is highly recommended. Admission on instructor approval. Applied music fee. Prerequisite: MS 1610. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

MS 2710. Applied Piano II (1)  
Fall and Spring semester  
Intermediate piano technique, reading skills and piano repertoire. Minimum practice requirement: one hour daily. Admission on instructor approval. Applied music fee. Prerequisite: MS 1710. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)

MS 2810. Applied Guitar II (1)  
Fall and Spring semester  
Intermediate guitar technique, reading skills and introduction to guitar literature. More advanced study of various styles, including folk, jazz, popular, and classical guitar are available as the student progresses. Admission on instructor approval. Applied music fee. Students must furnish their own instruments. Prerequisite: MS 1810. (ARI – To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal at least 3 hours.)
MS 3110. Music Theory II (3)
A more advanced theory course that stresses the
mastery of the elements of music for the purpose of
composition or improvisation. Exercises in music
reading, writing and sight-singing emphasize 20th
century materials such as modes, pentatonic scales,
and whole tone scales, while harmonic study con-
centrates on non-harmonic tones and thematic
development. Prerequisite: MS 1110 or instructor
approval.

MS 3210. Instrumental Music Ensemble II (1)
Continuation of MS 1210. Prerequisite: MS 1210.

MS 3250. Rockhurst University Chorus II (1)
Fall and Spring semester
Continuation of MS 1250. May be repeated for
credit. Prerequisite: MS 1250. (ARI – To satisfy the
core this course must be taken in combination with
other AR, MS, or TA courses to equal at least 3
hours.)

MS 3270. Chamber Singers II (1)
Fall and Spring semester
Continuation of MS 1270. May be repeated for
credit. Prerequisite: MS 1270. (ARI – To satisfy the
core this course must be taken in combination with
other AR, MS, or TA courses to equal at least 3
hours.)

MS 3290. Women’s Chorale II (1)
Continuation of MS 1290. Prerequisite: MS 1290.
(ARI – To satisfy the core this course must be
taken in combination with other AR, MS, or TA
courses to equal at least 3 hours.)

MS 3350. Renaissance and Baroque Music (3)
A survey of the major stylistic developments in
European music from 1450 through 1750, as seen
through the works of Josquin, Palestrina, Lassus,
Monteverdi, Purcell, Bach, Handel and others.
(ARI)

MS 3370. Classical and Romantic Music (3)
A survey of the major stylistic developments in
European music from 1750 through 1900, as seen
through the works of Haydn, Mozart, Beethoven,
Schubert, Brahms, Wagner, Verdi and others. (ARI)

MS 3410. Music in the 20th Century (3)
A survey of the major stylistic developments in
European and American music during the 20th
century, as seen through the works of Richard
Strauss, Claude Debussy, Igor Stravinsky, Arnold
Schoenberg, Aaron Copland and others. (ARI)

MS 3430. Music in America (3)
The history of American music from the colonial
era to the present. The major stylistic developments
as seen in the works of Stephen Foster, John Philip
Sousa, Aaron Copland, George Gershwin and
others are contrasted and compared with the oral
traditions of folk, jazz and popular music. (ARI)

MS 3450. History and Development of Jazz (3)
The story of jazz is traced from its roots in 19th
century forms such as Blackface minstrelsy, field
“hollers” and work songs to the major 20th century
developments of blues, dixieland, swing, bop, funk,
and jazz-rock.

MS 3500. The World of Opera (3)
An introduction to the literature, history and per-
formance of opera, including works by composers
such as Handel, Mozart, Verdi and Wagner. The
course includes the use of opera videos of filmed
and staged operas. Trips to the Lyric Opera of
Kansas City are also included. (ARI)

MS 3510-3519. Applied Music III (1)
Basic instrumental technique for a prescribed instru-
ment, such as harp. Available for beginning through
advanced students. By special arrangement only.
Applied music fee. (ARI – To satisfy the core this
course must be taken in combination with other
AR, MS, or TA courses to equal at least 3 hours.)

MS 3560. Introduction to World Music (3)
An exploration of the history, styles and perfor-
mance practices of music of non-western cultures,
such as those of Africa, Asia and India. (ARI)

MS 3710. Applied Piano III (1)
Fall and Spring semester
Continuation of MS 2710. May be repeated for
credit. Prerequisite: MS 2710. (ARI – To satisfy the
core this course must be taken in combination with
other AR, MS, or TA courses to equal at least 3
hours.)

MS 3810. Applied Guitar III (1)
Fall and Spring semester
Continuation of MS 2810. May be repeated for
credit. Prerequisite: MS 2810. (ARI – To satisfy the
core this course must be taken in combination with
other AR, MS, or TA courses to equal at least 3
hours.)

MS 4610. Applied Voice IV (1-3)
Continuation of MS 3610. May be repeated for
credit. Prerequisite: MS 3610.

MS 4710. Applied Piano IV (1-3)
Continuation of MS 3710. May be repeated for
credit. Prerequisite: MS 3710.

MS 4810. Applied Guitar IV (1-3)
Continuation of MS 3810. May be repeated for
credit. Prerequisite: MS 3810.
NATURAL SCIENCE (NS)

Professor Robert F. Hegarty, Ph.D. (Division Chair)

The Division of Natural, Applied and Quantitative Sciences offers interdisciplinary coursework under a “natural science” or “NS” designation. Any questions concerning these offerings may be directed to the division chair.

NS 1000. Freshmen in Science Seminar (1)
Fall semester
The purpose of the course is to assist beginning science/math students in exploring the nature of the study of science and mathematics and to explore career options in science and mathematics. It does this in the larger realm of the mission and values of Rockhurst University and its science and mathematics programs. This course has been designed to facilitate partnerships in learning with faculty, study groups and classmates; to propose time management strategies; to become more aware of science requirements in various fields of study; to discuss the importance of ethics in science as well as in the community at large; to evaluate the importance of personal wellness; to value diversity with science and the community; to examine the relationships between interest/values/skills as they relate to career alternatives, and to foster a sense of becoming "men and women for others" with a service learning project.

NS 1210. Environmental Science (3)
This course provides an introduction to scientific methods and a scientific background upon which to base decisions concerning environmental issues. Topics include air, water and solid waste pollution, ecological concepts, population and conservation of natural resources. This course, with NS 1220, counts as the required four-hour level-one scientific-causal course in the liberal core. Three hours of lecture per week. Corequisite: NS 1501. (SCI)

NS 1220. Environmental Science Laboratory (1)
Experiments and projects demonstrating and testing the concepts developed in lecture. One laboratory period per week. Lab fee. Corequisite: NS 1210. (SCI)

NS 1500. Geological Sciences (3)
The course will be divided into two broad areas: physical and historical. The physical section examines Earth's rocks and minerals, and seeks an understanding of the processes that operate beneath or upon the Earth's surface. The historical aim is to understand the Earth's origin and how it has changed through time. A chronology of physical and biological changes during the past 4.5 million years will be established. This course, with NS 1501, counts as the required four-hour level-one scientific-causal course in the liberal core. Three hours of lecture per week. Corequisite: NS 1501. (SCI)

NS 1501. Geological Sciences Lab (1)
Lab will consist of practical rock and mineral identification, including procedures for doing so. Local field trips, looking at regional rock formations, may be held. Corequisite: NS 1500. (SCI)

NS 3020 (WS 3020). Women and Science. (2)
This course will examine the role of women in science by studying their contributions to the scientific body of knowledge and their influences as professionals in scientific fields. Readings will focus on the lives of many influential women scientists, the influence of women on the origins of modern science and the participation of women in research on both sides of the lab bench, as investigators and as study subjects.

NS 3050 (AR 3050). Scientific Illustration (3)
A study of the basic techniques necessary to produce preliminary and final illustrations suitable for publication of biological and technical subjects. Emphasis is placed on sketching, pen and ink drawings, continuous tone drawing, animal drawing, watercolor, printing techniques, layout and design, lettering and maps and graphs. Field trips to a zoo, a natural history museum and printing plant are planned. Students complete a number of major drawing assignments designed to give them the expertise needed to illustrate their own research as well as that of other workers. This course does not satisfy the natural science requirement. Lab fee for materials. Prerequisite: instructor approval.
NONPROFIT LEADERSHIP STUDIES (NP)
Formerly: Human Service Agency Administration (HA)
See the undergraduate School of Graduate and Professional Studies section of this catalog.

ORGANIZATIONAL COMMUNICATION AND LEADERSHIP (OCL)
(Department of Communication and Fine Arts)

Associate Professor Peter J. Bicak, Ph.D. (Chair)
Assistant Professor Laura A. Janusik, Ph.D.
Michael K. McDonald, Ph.D.

Organizational communication is the process of collaborating and coordinating meaning among human beings in order to achieve organizational goals. The Organizational Communication and Leadership major immerses students in the theoretical and applied study of organizational structure and leadership and promotes development of skill in oral communication and writing.

Successful leadership of contemporary organizations relies on thorough knowledge of the ways people organize themselves (e.g., as hierarchies, cultures, systems, etc.), how leaders lead organizations (e.g., as visionary leaders, consultative leaders, autocratic leaders, etc.), and the nature of communication among leaders and members of organizations (e.g. upward and downward communication, ethical communication, conflict management, etc.). In addition, this knowledge must be enacted through competent communication skills, both oral and written, in a variety of communication contexts (e.g., interpersonal, intercultural, public speaking, etc.). Coursework in this major is designed to provide opportunities to meet both theory and skill objectives.

The Organizational Communication and Leadership major draws primarily from the discipline of Communication but includes upper-division hours from the English Department. The total number of upper-division hours for the major is 24. In addition, the student must complete 12 hours of related upper-division coursework or fulfill the requirements for a minor or second major. Coursework should be chosen in consultation with an advisor.

Major Field of Concentration
The lower-division prerequisites include CT 2040 Interpersonal Communication, JN 2000 Introduction to Journalism, CT 2200 Mass Communication, and two semesters of one college-level foreign language. Upper-division requirements are CT 3010 Leadership Theory and Practice, EN 3160 Writing for the Marketplace, CT 3300 Presentational Speaking, CT 3400 New Technology in Organizations, CT 4350 Organizational Communication, CT 4800 Organizational Culture, CT 4860 Seminar in Group Interaction, and CT 4941 Capstone in Organizational Communication.
A Bachelor of Arts degree in Organizational Communication and Leadership is available in the evening through the Evening Program of the School of Graduate and Professional Studies (GPS). Contact the GPS academic advisor at 816-501-4062 for further information.

**DEPARTMENT OF PHILOSOPHY (PL)**

*Professor*  
Curtis L. Hancock, Ph.D.  
Brendan Sweetman, Ph.D.

*Associate Professor*  
Rev. Wilfred L. LaCroix, S.J., M.A.  
L. Catherine Green, Ph.D. (Chair)  
John Morris, Ph.D.

*Assistant Professor*  
Robert Vigliotti, Ph.D.

Philosophy, as “love of wisdom,” explores the most fundamental questions of human experience, questions concerning the nature of the human person, the existence of God, immortality, freedom, the nature of moral and political values, the question of being, appearance and reality, knowledge and truth. A variety of richly developed and intellectually exciting answers to these questions, and many others, are explored in a systematic and rigorous way by means of a study of the work of outstanding classical and contemporary philosophers.

The study of philosophy enables the student to explore the most vital issues of human life and existence, issues which elude more specialized disciplines; at the same time, because of philosophy’s emphasis on skills in logical clarification, organization of ideas, and detailed argumentation, it helps cultivate the capacity to think and write with clarity, consistency, and informed insight. Philosophy also promotes the ability to recognize and evaluate assumptions and implications, and at the same time frees the thinker from ideology and overspecialization.

It is essential for a liberal education that each student learn to philosophize and to continue to think through the understanding one has of oneself in the world. Thus Rockhurst requires a certain minimum number of philosophy courses and encourages students to take even more. The required core courses in the philosophical mode of inquiry explore the fundamental notions underlying all human existence (PL 1100), and the nature of value and the philosophical basis of moral judgment (PL 3100). These courses contribute to the formation of a broad and coherent outlook, and provide a framework for the development of intellectual habits which foster a life-long integration of knowledge.

Coursework in philosophy is designed to introduce students to a range of profound and stimulating philosophical questions, and to develop the skills necessary for independent thinking. It also provides a broadening perspective for the various areas of specialization in the natural and social sciences, in literature and the arts, and in the various professional programs. A major in philosophy thus provides excellent preparation for a professional career in law, government, business, teaching, the media, higher education, and related areas.
Major Field of Concentration

**Basic track:** The basic track in the major requires a minimum of three lower-division hours and 18 upper-division hours in philosophy, for a total of 21 philosophy hours. The lower-division philosophy prerequisite is PL 1100. A course in logic (PL 2500 or PL 2600) is strongly recommended, especially for pre-law students. Required upper-division courses are PL 3200 or PL 3770; or approved equivalent; PL 3100; and one course in the history of philosophy (from PL 3400, 3410, 3420, 3430, 3440, or 3450). Three additional upper-division philosophy courses will be selected by the student and major advisor. The required 12 hours of related upper-division coursework normally can be fulfilled by a second major or possibly a minor. A foreign language is strongly recommended. Students following the basic track who intend to pursue graduate study in philosophy will be advised to take additional philosophy courses.

**Professional track:** The Philosophy Department also offers a professional track in the major which provides more rigorous preparation for graduate school or for a professional career. This track requires a minimum of 27 upper-division hours in philosophy, for a total of 33 philosophy hours. The lower-division philosophy prerequisite is PL 1100. Required courses include PL 2500 or PL 2600; PL 3200 or approved equivalent; PL 3100; at least two courses in the history of philosophy (from PL 3400, 3410, 3420, 3430, 3440, or 3450); one course on a major philosopher; and one additional course on a philosophical topic. The three remaining philosophy courses will be selected by the student and major advisor, to concentrate on a particular area. In addition, the student must complete the required 12 semester hours of related upper-division courses, or fulfill the requirements for a minor field. Two courses each in history and a foreign language are required.

Both tracks in the major require a senior oral examination (0 credits). A grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.)

Minor Field of Concentration

The minor in philosophy consists of a minimum of 15 hours of coursework in philosophy, including PL 1100, PL 3100, and three additional upper-division philosophy courses. A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

**PL 1100. Reality and Human Existence**  (3)  
*Fall and Spring semester*

An introduction to the practice of philosophy which distinguishes philosophical understanding from other ways of knowing, through the investigation of ultimate questions about reality, including human reality. The course includes a philosophical examination of appearance and reality; knowledge and truth; and of issues such as the existence of God, freedom, immortality, personal identity, and the meaning of life. (PLI)

**PL 1150. Honors: Reality and Human Existence**  (3)  
*Fall semester*

The content and purpose are the same as PL 1100, Reality and Human Existence, though the perspective is broadened and deepened. Prerequisite: Honors status or instructor approval. (PLI)

**PL 2500. Introduction to Logic**  (3)  
A study of the fundamental types of logic and basic structures of logical reasoning, including argument patterns, deduction (syllogistic and/or symbolic methods), induction, definition, and informal fallacies.

**PL 2600. Formal Logic**  (3)  
A study of deduction using symbolic methods, including truth tables, first-order propositional logic, and first-order predicate logic, with emphasis on using rules of inference, conditional and indirect methods, and quantification rules to construct proofs.

**PL 3100. Ethical Theory**  (3)  
*Fall and Spring semester*

An exploration of those fundamental factors involved in moral decision making and the discov-
e of ethical principles, in order to achieve a critical and reasoned understanding of the meaning and basis of morality. The course includes a rigorous examination of ethical theory, and a study of the derivation of moral principles and values and their application in ethical decision making. Prerequisite: PL 1100; sophomore standing; junior standing recommended. (PLII)

PL 3150. Honors: Ethical Theory (3)
Spring semester
The content and purpose are the same as PL 3100 Ethical Theory, though the perspective is broadened and deepened. Prerequisite: PL 1100 or PL 1150; sophomore standing; Honors status or instructor approval. (PLII)

PL 3200. Philosophy of God (3)
This course will examine various philosophical issues relating to existence and nature of God, with special attention given to the nature of God. Attention will also be given to various conceptions of God in different cultures and religious traditions. Other issues will include: the ontological argument; a discussion of the traditional attributes of God; God's foreknowledge and human freedom; God and time; God and the nature of morality; God's relationship to the world; and the religious relevance of the "God of philosophy." Prerequisite: PL 1100. (PLII)

PL 3250. Virtue and Character (3)
The study of moral virtues is, both in Western culture and also in many Eastern cultures, a primordial philosophical approach to how to live well as a human being. Yet it has been mostly ignored academically in the last century in the West. This course examines the phenomenon of admiration as the origin of moral consciousness, and the historical centrality and the current revival of attention to the study of moral virtue and human character. Prerequisite: PL 1100. (PLII)

PL 3300. Philosophy of Death and Dying (3)
This course examines, through a selection of classical and contemporary texts, the problem of death and dying both from a philosophical and from a practical point of view. Topics covered include the problem of pain and suffering; the meaning of death; attitudes toward death; ethical problems raised by recent medical technology, including euthanasia, suicide, assisted suicide, and the reasons for their popularity. It also examines religious, moral, and legal definitions of death; issues in the care of the dying; and various theories of immortality. Prerequisite: PL 1100. (PLII)

PL 3400. Ancient Philosophy (3)
A study of ancient Greek and Roman philosophy, exploring issues such as the origin and nature of the universe; the unity and diversity of being; the development of logic; and the study of morals and politics. Thinkers to be studied may include the pre-Socratic philosophers, Socrates, Plato, Aristotle, and Epicurean, Stoic, and Neoplatonic philosophers. Prerequisite: PL 1100. (PLII)

PL 3410. Medieval Philosophy (3)
A study of philosophical thought from the patristic age to the decline of scholasticism. Themes include the relation between logic and reality (the problem of universals), and the attempt to reconcile the rediscovered pagan philosophy with religious belief (on creation, personal immortality, and the nature of God). Texts are chosen from the writings of major figures such as Augustine, Abelard, Anselm, the Jewish and Arab philosophers, Aquinas, Bonaventure, Scotus, and Ockham. Prerequisite: PL 1100. (PLII)

PL 3420. Modern Philosophy (3)
A study of major issues and figures in 17th and 18th century philosophy, focusing on Continental rationalism (Descartes, Spinoza, and/or Leibniz), British empiricism (Locke, Berkeley, and/or Hume), and the critical philosophy of Kant. Prerequisite: PL 1100. (PLII)

PL 3430. 19th Century Philosophy (3)
A study of selected issues and figures in 19th century philosophy. Topics are selected from the works of influential philosophers such as Fichte, Schelling, Hegel, Schopenhauer, Comte, Nietzsche, Kierkegaard, Marx, Mill, Peirce, and James. Prerequisite: PL 1100. (PLII)

PL 3440. 20th Century Anglo-American Philosophy (3)
An examination of the works of some of the most influential philosophers in the analytic tradition of 20th century philosophy. Topics are selected from the work of Frege, Russell, Ayer, Wittgenstein, the logical positivists, and ordinary language philosophers, and from recent work in analytic meta-physics and epistemology. Prerequisite: PL 1100. (PLII)

PL 3450. 20th Century Continental Philosophy (3)
An examination of the work of some of the most influential philosophers in the Continental tradition of 20th century philosophy, including representative texts from the phenomenological, existentialist, and postmodernist movements. Topics are selected from the work of Husserl, Heidegger, Sartre, Merleau-Ponty, Marcel, Gadamer, Habermas, Derrida, Foucault, and/or other significant philosophers. Prerequisite: PL 1100. (PLII)

PL 3500-3590. Topics in the History of Philosophy (3)
Study of a particular period or movement, such as pre-Socratic philosophy, Neoplatonism, Renaissance philosophy, etc. Prerequisite: PL 1100. (PLII)
PL 3500. The Pre-Socratics and Plato (3)
PL 3510. The Pre-Socratics. (3)
PL 3600. American Philosophy (3)
A study of the major issues, movements, and figures in American philosophy, including the ways in which American philosophy reflects America's cultural identity. Prerequisite: PL 1100. (PLII)

PL 3650. Existentialism (3)
A systematic introduction to the work of major figures of 19th and 20th century existentialism. The main themes covered include the different views of the self which emerge in existentialist thought; the relationship of the self to the world, other people, and God; the nature of human freedom, choice, anxiety, commitment, and responsibility. These themes are explored through the work of such thinkers as Kierkegaard, Nietzsche, Heidegger, Sartre, Camus, Marcel, Merleau-Ponty, Dostoevski, and Kafka. Prerequisite: PL 1100. (PLII)

PL 3670. Phenomenology (3)
An introduction to phenomenological philosophy, beginning with the thought of Husserl and including the development of phenomenology by philosophers such as Heidegger, Scheler, and Merleau-Ponty. Themes include the critique of naturalism and empiricism; intentionality and the description of experience; static (structural) and genetic (temporal) analysis; applications of phenomenological method; and the differences between transcendental and existential phenomenology. Prerequisite: PL 1100. (PLII)

PL 3700. Postmodernism (3)
A study of the major themes and conceptualizations to emerge in postmodernist movements of later 20th century thought. The course examines the central movements of postmodernism: structuralism, hermeneutics, critical theory, and deconstructionism, focusing on themes such as the critique of rationality and identity, the nature of signs, issues of textual criticism, the critique of culture, postmodernist accounts of intentionality, and the nature of knowledge, language, and meaning. These issues are examined through a consideration of such thinkers as Heidegger, Gadamer, Habermas, Barth, Foucault, Rorty, and Derrida. Prerequisite: PL 1100. (PLII)

PL 3750. Philosophy of Art (3)
An exploration of a variety of central questions in the philosophy of art. Topics covered normally include a philosophical investigation into the nature of art; the unity of the fine arts (music, painting, sculpture and dance); their relation to performance art and crafts; the nature of aesthetic experience; the artistic process; the relation between the artist, the work and the viewer; art and truth. Some consideration may also be given to such related issues as the artist's relationship to society, and art as a medium for the expression of moral values and of perspectives on the meaning of human life. The issues of the course are explored through a selection of writings from outstanding classical and contemporary thinkers. Prerequisite: PL 1100. (PLII)

PL 3770. Philosophy of Religion (3)
A philosophical inquiry into the rationality of religious belief, focusing in particular on two questions: 1) Does God exist? and 2) Is religious belief rational? Discussion of these questions normally involves discussion of the following issues: arguments for the existence and nature of God; the problem of evil; the questions of immortality, religious pluralism, and the relationship between religion and morality; the nature of religious experience; faith vs. reason; religion vs. science; etc. Prerequisite: PL 1100. (PLII)

PL 3775. Religion and Science (3)
This course is concerned with exploring philosophically several key issues which arise out of the historical and contemporary dialogue and debate between religion and science. The course will discuss: the history of the relationship; the nature of religious belief; the role of reason and faith in religion; the rise and challenge of naturalism; a study of various contrasting models of how the relationship might be understood; the origin of, and the order in, the universe; evolution and creation, with special emphasis on current debates. The course concludes by looking at some implications for the nature of the human person. Prerequisite: PL 1100. (PLII)

PL 3800. Philosophy of Mind (3)
An examination of the various explanations of the nature of mind, including an assessment of dualism, materialism, behaviorism, epiphenomenalism, functionalism, mind-brain identity, etc. In order to analyze and evaluate these positions, considerable attention is given to questions regarding consciousness, experience, intellectual knowledge, intentionality, personal identity, human freedom and immortality. "Cognitive science" and other social scientific explanations of mind are also examined, including the question of mind vs. machine, and issues relating to artificial intelligence. Prerequisite: PL 1100. (PLII)

PL 3840. Philosophy of Technology (3)
A philosophical inquiry into the impact of technology on society, culture, and the human person, including epistemological, metaphysical and ethical implications of the human development and use of technology. Since the very existence of technology opens up new possibilities for decision making and action, technology comes into contact with human values and becomes part of the development of human society. And so, this course seeks to provide a philosophical understanding of the role of
technology in our lives, and highlights the concerns that face a "technological society." Prerequisite: PL 1100. (PLII)

PL 3850. Philosophy of Science (3)
Philosophical inquiry into natural science, including attention to the history of science and the role of science and technology in contemporary culture. Topics include the nature of scientific theory and explanation; confirmation, falsification, and the testing of theories; the historical development of scientific knowledge; and a variety of positions on the reality of theoretical entities. Prerequisite: PL 1100. (PLII)

PL 3900. Metaphysics (3)
This course studies those principles and features that are necessary to the intelligibility of whatever is real insofar as it is real. It examines the relationships between being and becoming, the actual and the potential, creativity (freedom) and causal determination, the necessary and the contingent. It examines some questions about the existence and nature of God, the relation between physical and immaterial beings, and between being and knowing. Texts from major philosophers (historical and/or contemporary) are employed. Prerequisite: PL 1100. (PLII)

PL 3940. Epistemology (3)
A philosophical examination of the origins, nature, and validity of human knowledge. Themes covered normally include the problem of objective knowledge; knowledge and truth; the mind and its relation to extra-mental reality; types of knowledge; and questions about perception, conceptual thinking, identity, language, and meaning. Attention is given to the historical development of these themes in the history of epistemology. The issues of the course are explored through a variety of epistemological writings by outstanding classical and/or contemporary philosophers. Prerequisite: PL 1100. (PLII)

PL 4100. The Philosophy of Plato (3)
An examination of important philosophical themes as they develop in the dialogues of Plato. Attention is given to how the young Plato, much under the influence of Socrates (the early dialogues), struggles with moral, political and epistemological questions so as to develop in time (the middle and later dialogues) into an original metaphysician and moral thinker in his own right. Specific values issues include Plato’s views regarding individual and social justice, the good life, virtue, the common good, beauty and art; metaphysical issues include the nature of reality and knowledge (including Plato’s treatment of the world of forms and dialectical understanding), human nature and human destiny. Due to the peculiarities of Plato’s writings, some attention is given to contemporary interpretations of the dialogues. Prerequisite: PL 1100. (PLII)

PL 4120. The Philosophy of Aristotle (3)
A study of the influential Greek philosopher known as the “Philosopher,” and who was called by Dante, “The Master of all who know.” This course examines primary texts, some pertaining to Aristotle’s theoretical writings (e.g., his logical, physical and metaphysical works) and others to his practical philosophy (e.g., his ethical, political and aesthetic treatises). Some consideration is given to Aristotle agrees and disagrees with his original teacher, Plato. Prerequisite: PL 1100. (PLII)

PL 4140. The Philosophy of Aquinas (3)
Study of the thought of the thirteenth-century philosopher known as the “Angelic Doctor.” Special attention is paid to historical influences on his thought as well as to developments that distinguish his philosophy from those of his predecessors and his immediate successors (such as Duns Scotus and William of Ockham). Primarily his views on the relationship of faith to reason, on metaphysics, and on the philosophy of human knowing are studied. Some consideration is given to his practical philosophy and to his influence on contemporary thinkers. Prerequisite: PL 1100. (PLII)

PL 4170. The Philosophy of Kant (3)
An introduction to the critical philosophy of Immanuel Kant, concentrating on his investigation of the nature and limits of human reason and on his theory of morality, and including attention to the context of his thought, particularly Hume’s empiricism and Newtonian physics. Prerequisite: PL 1100. (PLII)

PL 4180. The Philosophy of Hegel (3)
The course examines the method, content, and influence of Hegel’s philosophy, with special emphasis on his Phenomenology of Spirit and his System of Logic, as primary texts. Topics include: Hegel’s interpretation and development of dialectic; the relationship between Hegel’s metaphysics and the philosophy of Kant; the master-slave relationship; the unhappy consciousness; the dialectic of being and nothingness; the realm of absolute spirit; and the nature of the absolute idea. Prerequisite: PL 1100.

PL 4190. The Philosophy of Marx (3)
After a brief summary of pertinent elements in the thought of Hegel, there are textual studies of Karl Marx concentrating on his humanistic, economic, and revolutionary thought. Prerequisite: PL 3100.

PL 4300. The Philosophy of Husserl (3)
An introduction to the thought of Edmund Husserl, “the founder of phenomenology.” Topics covered include the rejection of psychologism, the
techniques of epoche and reduction, the intentionality of consciousness, time-consciousness, the transcendental ego, static and genetic constitution, the life-world, and the place of Husserl in 20th century thought. Prerequisite: PL 1100. (PLII)

PL 4320. The Philosophy of Heidegger (3)
A seminar focusing on the central ideas and issues of Heidegger's earlier and later philosophy. Heidegger's attempt to think through the question of Being leads him to discover that which has been unthought, to describe the phenomenon of truth, and to explore the making-present of Being in the creative act, as well as to describe essential structures of human existence. The course thinks along with Heidegger by studying major sections of Being and Time as well as selected later writings that are significantly different in style and content. Heidegger's influence on later 20th century thought is also considered. Prerequisite: PL 1100. (PLII)

PL 4340. The Philosophy of Marcel (3)
This course involves a systematic, detailed examination of the major themes in several of Marcel's main works. Themes covered include: Marcel's Christian existentialist account of the human person; the distinctions between being and having, problem and mystery, primary and secondary reflection; the "concrete approaches" to human existence; and the philosophical critique of modern culture. Some consideration is also given to Marcel's place in contemporary thought. Prerequisite: PL 1100. (PLII)

PL 4400-4490. Seminar: Major Philosopher(s) (3)
Study of the thought of a single philosopher or pair of philosophers, using primary texts and including attention to the historical background and influence, methodology, distinguishing characteristics, and contemporary relevance of the ideas. Prerequisite: PL 1100. (PLII)

PL 4410. Descartes (3)
PL 4410. The Philosophy of St. Augustine (3)
This course will study the life and writings of St. Augustine of Hippo, and his vast contributions to the philosophical understanding of human existence. St. Augustine was a prolific thinker and writer with topics covering the relationship between faith and reason, free will, the soul, immortality, the existence and nature of God, knowledge, truth and wisdom. In particular, this course will explore the neo-platonic influence on St. Augustine's philosophical views, his own development of an authentic Christian philosophy, and his impact on subsequent philosophy—especially medieval scholasticism. Prerequisite: PL 1100. (PLII)

PL 4500. Ethical Problems (3)
An examination of particular moral issues and problems, using ethical theory and including an application of general ethical principles to particular individual and social rights and obligations. Prerequisite: PL 3100. (PLII)

PL 4550. Business and Ethics (3)
An ethical study of business which establishes how a business qualifies as a moral agent, and examines the moral responsibility of business to its employees, its customers, its competition, government, and the environment. The course explores a variety of philosophical perspectives, including their application to case studies. Prerequisite: PL 3100. (PLII)

PL 4600 (PS 4600). Modern Political Philosophy (3)
After a brief survey of ancient and medieval political theories, this course examines those political theories developed by major philosophers since the 16th century. It also examines the way in which these theories have influenced political policies and decisions in our day. Prerequisite: PL 3100. (PLII)

PL 4620 (PS 4620). The Just War and International Ethics (3)
In this course, the student engages alternative viewpoints in the classical debate about the "just war." Knowledge of this debate is useful today in examining the entire spectrum of international relations, especially as they concern human rights and various kinds of intervention. This course will examine the usefulness of the just war tradition in examining contemporary rationale for engaging in and prosecuting war, including religious motivations and reasons for war. Prerequisite: PL 3100. (PLII)

PL 4640 (PS 4640). Justice within Society (3)
Starting with an historical review, the course concentrates on modern and contemporary American and British efforts to think through the problems of justice within a modern Western society. Prerequisite: PL 3100. (PLII)

PL 4660 (PS 4660). International Distributive Justice (3)
A critique of major ethical theories currently employed in public debate to examine problems of international justice, especially in reference to economic goods as distributed between "rich and poor" nations. Prerequisite: PL 3100. (PLII)

PL 4700. Seminar in Ethics (3)
Philosophical study of a selected ethical field, such as bioethics, medical ethics, environmental ethics, professional ethics, ethics in communication, etc. Prerequisite: PL 3100. (PLII)

PL 4700. Medical Ethics (3)
An understanding of physical phenomena is essential in all fields of science, engineering and technology. It follows that one objective of the physics program is to provide students with a competence and base of knowledge sufficient for their specific requirements. Physics, however, is more than the basic science: it is an art whose techniques (including logical and analytical reasoning, careful observation, experimentation and mathematical model-building) can be valuable assets in any field of endeavor.

A second objective, then, is to educate the student in the basic art of formulating and solving problems. Finally, the basic theories of physics provide a way of perceiving the natural world. Thus, the ultimate objective of the study of physics is to provide the student with a way to appreciate the world with greater understanding.

Major Field of Concentration

The major concentration in physics leading to a Bachelor of Science degree consists of a minimum of 19 upper-division hours of physics and a minimum of 12 hours of upper-division courses in mathematics. Specific physics courses required are: PH 3910, PH 4010, PH 4110, PH 4300, PH 4400, PH 4500, PH 4600, and PH 4960 (a one-credit physics seminar). Specific mathematics courses required are: MT 3530 Numerical Methods, MT 3700 Differential Equations, MT 3710 Applied Analysis, and MT 3810 Linear Algebra. Lower-division prerequisites for this major are PH 2800, PH 2810, PH 2900, PH 2910, MT 1800 Calculus I, MT 1810 Calculus II, MT 2800 Calculus III and a computing course (CS 1080 Principles of Computing, or CS 1110/1120 Introduction to Programming, or proficiency in programming). A grade of C or better is required in each upper-division course counted toward fulfillment of the major requirements. (A grade of C- will not satisfy these requirements.)

Though students majoring in physics will automatically complete, and can apply for, a mathematics minor under the applied mathematics track, physics majors are strongly encouraged to complete a double major in mathematics. This can be accomplished by taking MT 3800 and one additional course in theoretical mathematics, specifically MT 4900 or MT 4920. The physics curriculum includes from six to ten elective courses, which give the student great flexibility in pursuing diverse interests. Physics majors are also encouraged to complete PH 3400 (ES 3400), PH 3500 (ES 3500), CH 2610 General Chemistry I and CH 2630 General Chemistry II.

A strength of the physics major lies in the emphasis on mathematics, which allows the student to choose either immediate employment after graduation in a large number of technological fields or graduate study in physics, mathematics, or the various branches of engineering.
Minor Field of Concentration
A student may earn a minor in physics by completing two three-credit-hour 3000- or 4000-level PH courses, plus two three-credit-hour 4000-level PH courses. A grade of C or better is required in each upper-division course counted toward fulfillment of the minor requirements. (A grade of C- will not satisfy this requirement.)

PH 1200. The Art of Physics (3)
Designed for non-science majors, this course explores the basic scientific viewpoint and develops elementary but effective techniques for formulating and solving vaguely stated problems. In addition, the course surveys the basic phenomenology of physics and some of its applications to chemistry, geology and technology. Prerequisite: high school algebra. Corequisite: PH 1210.

PH 1210. The Art of Physics Laboratory (1)
Selected experiments closely tied with PH 1200. Two hours per week. Lab fee. Corequisite: PH 1200.

PH 1500. Basic Electricity and Electronics (2)
Basic electrical concepts including potential, current, resistance, capacitance, inductance, RC circuits, potentiometers and Wheatstone bridges. Basic electronic concepts including semiconductors, diodes, transistors, logic gates and flip-flops. Three lectures and one two-hour laboratory every two weeks. Lab fee. Prerequisite: MT 1090 Calculus for Business or MT 1800 Calculus I, or concurrently.

PH 1600. Introduction to Astronomy (3)
A study of the Universe around us – the planets, stars, and galaxies – and how the process of science has enabled us to discover so much about these distant bodies. Students will learn about what you can see in the night sky, how stars, planets, and galaxies are formed, as well as the latest discoveries on black holes, Big Bang cosmology, dark matter, and life in the Universe. Recommended: MT 0100 or equivalent. Corequisite: PH 1610. (SCI Lecture & Lab combined)

PH 1610. Introduction to Astronomy Laboratory (1)
Fall semester
Selected experiments to accompany PH 1600. Two hours per week. Lab fee. Corequisite: PH 1600. (SCI or SCII Lecture & Lab combined)

PH 1700. Physics Concepts and Connections I (3)
Fall semester
An introduction to the study of physics with a conceptual concentration on Newtonian mechanics, the physics of fluids, and waves and sound through inquiry, discussion, demonstration, and hands-on activities. Emphasis will be placed on conceptual understanding and the applicability of physics to the students’ major area of study and career interests. Physics topics that relate to the health and therapy fields will be stressed. Students will be expected to demonstrate conceptual and applied understanding of physics principles through class discourse, written assessment, and the design of projects utilizing physics principles in an application to an area of students’ career interests. Recommended: MT 0100 or equivalent. Corequisite: PH 1710. (SCI Lecture & Lab combined)

PH 1710. Physics Concepts and Connections Laboratory I (1)
Fall semester
Selected constructivist, inquiry-based laboratory activities to accompany PH 1700. Two hours per week. Lab fee. Corequisite: PH 1700. (SCI Lecture & Lab combined)

PH 1750. Physics Concepts and Connections II (3)
Spring semester
A continuation of the study of physics principles introduced in PH 1700 with a concentration on the mathematical application of Newtonian mechanics to the human body, as well as a study of thermodynamics, waves and sound, electricity and light. Emphasis will be on both the conceptual understanding of physics principles and the mathematical application of physics principles in force, motion, torque, circular motion, work and energy, momentum, fluid pressure, thermodynamics, waves and sound, optics and electricity. Students will be expected to demonstrate conceptual and applied understanding of physics principles through class discourse, problem solving, written assessment, and the design of projects utilizing physics principles in an application to an area of students’ career interests. Prerequisite: PH 1700. Recommended: MT 1190 or equivalent. Corequisite: PH 1760. (SCI or SCII Lecture & Lab combined)

PH 1760. Physics Concepts and Connections Laboratory II (1)
Spring semester
Selected experiments to accompany PH 1750. Two hours per week. Lab fee. Corequisite: PH 1750. (SCI or SCII Lecture & Lab combined)

PH 2300. The Phascination of Physics (3)
Fall semester
A one-semester conceptual physics course designed to cover major physics topics in waves and sound, light and color, and electricity/magnetism through
inquiry-based hands-on activities, discussion, and demonstrations. Emphasis will be on conceptual understanding and the applicability of physics to the real everyday world. Students will be expected to demonstrate conceptual and applied understanding of covered physics principles through class discourse, written assessment, and the design of a project utilizing physics principles to be included in a “Haunted Physics Laboratory.” Course projects will contribute to the development of a Halloween-related physics lab to be set up in October as an educational physics laboratory for all physics students and potentially, the public. Recommended: MT 0100 or equivalent. Corequisite: PH 2310. (SCI or SCII Lecture & Lab combined)

PH 2310. The Phascination of Physics Laboratory (1)
Fall semester
Selected constructivist inquiry laboratory activities in waves and sound, light and color, and electricity/magnetism to accompany PH 2300. Laboratory activities will be intertwined with the lecture section during the evening class and on the four Saturday mornings. Lab fee. Corequisite: PH 2300. (SCI or SCII Lecture & Lab combined)

PH 2800. General Physics I (3)
Fall and Spring semester
Principles of Newtonian mechanics and introduction to heat and thermodynamics employing calculus as needed and emphasizing the scientific method and physical reasoning. Prerequisite or concurrent: MT 1800 Calculus I. Corequisite: PH 2810. (SCI Lecture & Lab combined)

PH 2810. General Physics Laboratory I (1)
Fall and Spring semester
Selected experiments to complement PH 2800. Two hours per week. Lab fee. Corequisite: PH 2800. (SCI Lecture & Lab combined)

PH 2900. General Physics II (3)
Fall and Spring semester
Principles of classical electricity, magnetism and physical optics, making free use of calculus. Prerequisite: PH 2800. Corequisite: PH 2910. (SCI or SCII Lecture & Lab combined)

PH 2910. General Physics Laboratory II (1)
Fall and Spring semester
Selected experiments to complement PH 2900. Two hours per week. Lab fee. Corequisite: PH 2900. (SCI or SCII Lecture & Lab combined)

PH 3400 (ES 3400). Engineering Thermodynamics (3)
Spring semester
Basic thermodynamic laws and relationships from an engineering standpoint. Emphasis on applying thermodynamic principles to the design of engineering systems using basic hardware devices. Lecture three hours a week. Prerequisite: PH 2800.

PH 3500 (ES 3500). Engineering Statics (3)
Fall semester
Basic principles of statics and introduction to strength of materials. Lecture three hours a week. Prerequisite: PH 2800.

PH 3510 (CH 3510). Physical Chemistry I (3)
Fall semester
Basic principles of physical chemistry with emphasis on thermodynamics, equilibria and kinetic theory. Lecture three hours a week. Prerequisite: PH 2900 and MT 1810 Calculus II, or instructor approval.

PH 3520 (CH 3520). Physical Chemistry Laboratory I (1)
Fall semester
Experiments designed to illustrate basic theories in thermodynamics, equilibrium, etc. Laboratory three and a half hours a week. Lab fee. Prerequisite or concurrent: PH 3510 (CH 3510).

PH 3530 (CH 3530). Physical Chemistry II (3)
Spring semester
Basic principles of phase equilibria, electrochemistry, kinetics, introduction to quantum mechanics and molecular structure. Lecture three hours a week. Prerequisite: PH 3510 (CH 3510).

PH 3540 (CH 3540). Physical Chemistry Laboratory II (1)
Spring semester
Experiments designed to illustrate basic theories in electrochemistry, kinetics, spectroscopy, etc. Laboratory three and a half hours a week. Lab fee. Prerequisite or concurrent: PH 3530 (CH 3530).

PH 3910. Advanced Laboratory I (2)
Fall and Spring semester
A continuation of PH 3910. Laboratory four hours a week. Lab fee. Prerequisite: PH 3910.

PH 4010. Advanced Laboratory II (2)
Fall and Spring semester
A continuation of PH 4010. Laboratory four hours a week. Lab fee. Prerequisite: PH 4010.

PH 4110. Advanced Laboratory III (2)
Fall and Spring semester
A continuation of PH 4110. Laboratory four hours a week. Lab fee. Prerequisite: PH 4100.

PH 4210. Advanced Laboratory IV (2)
Fall and Spring semester
A continuation of PH 4110. Laboratory four hours a week. Lab fee. Prerequisite: PH 4110.
PH 4300. Electricity and Magnetism (3)
Fall semester of even-numbered calendar year
Elements of vector analysis. Electrostatic fields and potentials, equations of Poisson and Laplace, magnetic fields and the vector potential, electromagnetic induction, Maxwell’s equations and plane electromagnetic waves. Electric and magnetic fields in material media. Lecture three hours a week. Prerequisite: PH 2900 and MT 1810 Calculus II.

PH 4400. Physical Optics (3)
Spring semester of odd-numbered calendar year
The nature of light, geometrical optics, optical instrumention, wave equations, superposition of waves, interference of light, polarization of light, Fraunhofer and Fresnel diffraction, and laser basics. Lecture three hours a week. Prerequisite: PH 2900 and MT 1810 Calculus II.

PH 4500. Modern Physics (3)
Spring semester of even-numbered calendar year
“Modern physics” is distinguished from “classical physics” not only by its youth (dating from about 1900) but also by its description of phenomena in startlingly different ways. The basic new theories are relativity and quantum mechanics, which form the basis for the description of “elementary particles,” nuclei, atoms, molecules and matter in its various states. This course begins with a study of special relativity and then turns to quantum theory, describing the empirical discoveries leading to each. Emphasis is placed on the meaning of these theories. Applications of quantum theory to the study of atoms, molecules and solids are studied. Prerequisite: PH 2900 and MT 1810 Calculus II.

PH 4550. Quantum Mechanics (3)
This course deals with the Schrodinger equation and its implications: operators, eigenvalues and the interpretation of the wave function. Topics include angular momentum and spin, scattering theory, group theory, perturbation methods and quantum statistics. Prerequisite: PH 4500, PH 4600 and MT 3710 Applied Analysis.

PH 4600. Classical Mechanics I (3)
Fall semester of odd-numbered calendar year

PH 4650. Classical Mechanics II (3)
Continuation of PH 4600. Topics include Noether’s Theorem and special relativity. Lecture three hours per week. Prerequisite: PH 4600.

PH 4960 (MT 4960). Physics Seminar (1)
Expository presentations by junior and senior students on physics topics. Students learn presentation techniques through oral and written reports, poster presentations, and web page creation. Course required for the major. Prerequisite: Junior or senior standing.

DEPARTMENT OF POLITICAL SCIENCE (PS)

Professor Charles R. Moran, Ph.D. (Chair)
Professor Frank J. Smist, Jr., Ph.D.

Political science is the systematic study of the individual’s relationship with government. It investigates the nature and purpose of government, the principles on which it rests, the justification of political authority, the legal and moral aspects of that authority and the nature and development of the great human freedoms. Courses offered deal with these concerns in the American as well as foreign and international political systems.

The approach combines the practical with the theoretical so that contemporary political issues can be better understood. Political science course work is useful for those who are oriented toward elective, appointive and administrative positions at all levels of government as well as for those interested in politics as an avocation. It can also help prepare students for graduate studies in law and the social sciences as well as for business, journalism and broadcasting careers.

Major Field of Concentration
The major concentration in political science consists of a minimum of 18 semester hours of upper-division work in at least three subfields of the major. The subfields from which
choices may be selected are normative theory, American politics, comparative politics, international relations or constitutional law. Also required are 12 semester hours of related upper-division courses chosen under the direction of the major advisor. Lower-division prerequisites for this major concentration are EC 2000 Principles of Macroeconomics and PS 1000 or PS 1100. A grade of C or better is required in each course of the major. (A grade of C- will not satisfy the requirement.)

Minor Field of Concentration
The requirements for a minor in political science may be satisfied by successful completion of course work in either PS 1000 or PS 1100 and any four of the following upper-division political science courses: PS 3100, PS 3150, PS 3170, PS 3190, PS 3300, PS 3310, PS 3330, PS 3350, PS 3370, PS 3500, PS 3520, PS 3550, PS 3700, PS 3710, PS 3720, PS 3725, and PS 3750. A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

PS 1000. Introduction to Politics (3)
An exposure to the fundamental tools for understanding political life. The purpose and scope of politics, methods of analysis and alternative ways of organizing the political process are studied. (SRI)

PS 1100. American Federal and State Government (3)
An introductory survey of the origin, principles, powers and limitations of the American federal and state governments. Recent presidential and congressional campaigns and elections are studied to gain insight on the political process as well as major issues now facing the federal government. (SRI)

PS 3100. The American Presidency (3)
A study of the evolution of the American presidency with emphasis on the constitutional and political roles as well as personalities of presidents in guiding domestic and foreign policy. Particular attention is focused on the administrations of Franklin D. Roosevelt and his successors. (SRII or SRI)

PS 3150. The Congress (3)
A study of the evolution of the U.S. Congress as a political institution. The legislative process is examined as well as the constitutional and political roles of the Congress. Special attention is given to how the reforms of the 1970’s have shaped Congress today as well as what political scientists have recently had to say about the Congress. (SRII or SRI)

PS 3170 (GS 3170). Political Leadership (3)
Although political leadership is the principal focus of the course, leadership is also considered in a wider context. What is a leader? What are the qualities that are necessary to be an effective leader? How can leaders build credibility? How important are the qualities of character and competence? What constitutes “successful” leadership? Particular attention is given to the following leaders: Jesus Christ, Theodore Roosevelt, Woodrow Wilson, Mahatma Gandhi, Lyndon Johnson, and Dr. Martin Luther King Jr. (SRII or SRI)

PS 3190. Political Parties and Voter Behavior (3)
A study of the development, organization, functions and activities of major and minor political parties, interest groups, and voting behavior in the United States at the federal, state and local levels. The focus is primarily on the response of the parties, interest groups and citizens to contemporary political problems. (SRII or SRI)

PS 3300 (GS 3300). Western European Politics (3)
A comparative study of the political institutions of Great Britain, France and Germany with particular emphasis on current problems. (SRII or SRI)

PS 3310 (GS 3310). Eastern European-Russian Politics (3)
A comparative study of the political institutions of the former communist states in Eastern Europe and Russia with particular emphasis on current problems stemming from the dramatic changes which began in 1989.

PS 3330 (GS 3330). The U.S. and the Pacific Rim (3)
The course is a comparative study of U.S. relations with the countries of East Asia (China, Japan, Korea and the Russian Far East) and Southeast Asia (Indonesia, Malaysia, the Philippines, Singapore, Thailand and Vietnam). Besides looking at political practices and institutions, the course also examines how U.S. relations with these countries have been affected by geographical, historical, economic and cultural factors. (SRII or SRI)

PS 3350 (GS 3350). Latin American Politics (3)
A comparative study of the political practices and institutions of major Latin American states with a major emphasis on the unique historic and cultural milieu. Particular emphasis is placed on current domestic and foreign policy issues. (SRII or SRI)
PS 3360 (GS 3360). Mexican Culture and Politics (3)
An interdisciplinary study of Mexico focusing on its unique history, culture, politics and economy. Particular emphasis is placed on current domestic and foreign policy issues and Mexico's developing bilateral relationships with the United States.

PS 3370 (GS 3370). Middle Eastern Politics (3)
A comparative study of the political institutions of selected Middle Eastern states with particular emphasis on the Arab-Israeli conflict and the policies of oil. (SRII or SRI)

PS 3410. Ancient and Medieval Political Theory (3)
The history of Western political thought from the early Greeks to the Renaissance. Special emphasis on Plato, Aristotle, Roman law, Aquinas and Machiavelli in terms of their contributions to contemporary political and legal thinking.

PS 3500 (GS 3500). U.S. Intelligence Operations (3)
A study of the evolution of U.S. intelligence operations and national security policy from Pearl Harbor to the present post-Cold War world. Special attention is devoted to the roles of the CIA, FBI, and National Security Agency and the degree to which the dilemmas raised between the public's right to know in a democracy and the government's right to protect the national security can be reconciled. (SRII or SRI)

PS 3510 (GS 3510). Politics in Fiction and Film (3)
A study of how politics is depicted in fiction and films. Students read works of fiction and view films that touch upon politics and the political process from both an American and international perspective. (SRII or SRI)

PS 3520 (GS 3520). U.S. Foreign Policy (3)
This course initially focuses on the historical experiences and values shaping the foreign policy of the U.S. The role played by the major branches of the federal government as well as non-government actors then is studied. The course concludes with an analysis of U.S. policy toward selected countries and regions of the world. (SRII or SRI)

PS 3550 (GS 3550). International Relations and Organizations (3)
A study of the underlying forces influencing international affairs and the power positions of states with particular attention to the role of the United Nations and other international organizations. (SRII or SRI)

PS 3580 (GS 3580). Politics and Religion (3)
A study of the impact of religion on the political processes of selected nation-states as well as in the international arena. The political dimensions of Christianity, Judaism, Islam, Hinduism, and Buddhism are considered.

PS 3700. The Constitution (3)
A study of the main features of the U.S. Constitution and the practical significance of its most important provisions as interpreted by the Supreme Court.

PS 3710. Legal Process and Systems (3)
This course examines the sources and historic roots of the American Legal System as well as selected areas of substantive and procedural law. This course will focus on identifying legal issues and applying legal principles to resolving those issues in various forms.

PS 3720. The Supreme Court (3)
A study of the relationship between the Court and Federal and State governments. Following an examination of the Court's interaction with Congress, the President and the States, the course concludes by looking at the pressures Congress and the President bring to bear on the Court. (SRII or SRI)

PS 3725. The Supreme Court and Race (3)
This course will analyze the Supreme Court's evolving treatment of racial issues. The focus will be upon the Supreme Court's trends in the law, both historically and politically. The course will look at the treatment of various minority groups, from Dred Scott and the Chinese Exclusion cases through modern race discrimination, reverse discrimination, and evolving trends in affirmative action. A portion of the course will analyze racial bias in the criminal justice system, including racial disparity on death row and racial profiling. This class is directed at preparing students for graduate school and law school.

PS 3750. Civil Rights (3)
A study of civil rights issues (freedom of expression, press, religion, etc.) by examining Supreme Court decisions of these constitutional questions.

PS 3860 (CT 3860). Media and Politics (3)
A study of the growing importance of mass media in American politics and their interaction with the formal and informal elements of the decision-making process. (SRII or SRI)

PS 3870. The Depiction of the Post-Cold War U.S. Presidency in Film and Fiction (1-3)
The course examines how the U.S. Presidency is being depicted in film and fiction in the post-Cold War world. The model of the Presidency set forth in the 1950s by Clinton Rossiter is evaluated and contrasted with post-Cold War movies and fictional accounts of post-Cold War U.S. Presidency. After viewing movies and reading fictional accounts of post-Cold War U.S. Presidency, Rossiter's model is revisited and updated.

PS 3880. The Legacy of John Fitzgerald Kennedy (3)
A study of the presidency and political legacy of John F. Kennedy. Particular attention is given to...
the Bay of Pigs, the Cuban Missile Crisis, and the Kennedy assassination. The writings of historians and political scientists about the Kennedy Administration are examined along with how scholarly thinking has evolved down through the years. (SRII)

PS 4600 (PL 4600). Modern Political Philosophy (3)
After a brief survey of ancient and medieval political theories, this course examines those political theories developed by major philosophers since the 16th century. It also examines the ways in which these theories have influenced political policies and decisions in our day. Prerequisite: PL 3100.

PS 4620 (PL 4620). The Just War and International Ethics (3)
In this course, the student engages alternative viewpoints in the classical debate about the "just war." Knowledge of this debate is useful today in examining the entire spectrum of international relations, especially as they concern human rights and various kinds of intervention. This course will examine the usefulness of the just war tradition in examining contemporary rationale for engaging in and prosecuting war, including religious motivations and reasons for war. Prerequisite: PL 3100.

PS 4640 (PL 4640). Justice within Society (3)
Starting with an historical review, the course concentrates on modern and contemporary American and British efforts to think through the problems of justice within a modern Western society. Prerequisite: PL 3100.

PS 4660 (PL 4660). International Distributive Justice (3)
A critique of major ethical theories currently employed in public debate to examine problems of international justice, especially in reference to economic goods as distributed between "rich and poor" nations. Prerequisite: PL 3100.

PS 4670 (GS 4670). Democracy: Theory and Practice (3)
This course examines what "democracy" is and what it means. Different theories about democracy are identified. Each of these theories is compared and contrasted in terms of both citizenship and education. A key component of this course is a practicum or field experience that enables course members to integrate theoretical reflection on citizen education with some practical public work in helping young citizens to educate themselves about the public world. (SRII or SRI)

PS 4700 (GS 4700). Honors: Seminar on Leadership (3)
This seminar will use the tools and methods available to the political scientist to examine leadership and specific leaders. The life and career of Winston Churchill will be considered and evaluated. There will be a service learning dimension as well. This course is limited to honors students. Prerequisite: Junior standing and honors program. (SRII or SRI)

PS 4900 (GS 4900). The United States and the Post-Cold War World (3)
This course examines the end of the Cold War and the issues and responsibilities that confront the United States and the American people in the post-Cold War world. Special attention is given to developments in the republics of the former Soviet Union and the triangular relationship between the United States, Europe, and the Pacific Rim. (SRII or SRI)

DEPARTMENT OF PSYCHOLOGY (PY)

Associate Professor
Steven W. Brown, Ph.D.
Renee L. Michael, Ph.D. (Chair)
William Sturgill, Ph.D.
Katherine M. Nicolai, Ph.D.
Jennifer Oliver, Ph.D.
Paul D. Scott, Ph.D.
Risa Stein, Ph.D.

Assistant Professor
Saz Madison, M.A.

Psychology applies the scientific process to obtain reliable knowledge about the behaviors and cognitions of organisms (especially human beings). Courses aim to foster scientific thinking and to promote application of research methodologies to understand how and why organisms do what they do. Students are exposed to several theoretical perspectives.
for understanding and explaining behavior, and to a variety of techniques for addressing individual human problems.

The psychology curriculum strives to prepare students for (1) graduate study in psychology and for (2) success in other professional fields, such as business, law, allied health, medicine, and education, in which psychological knowledge is necessary or desirable. Regardless of major, students frequently select courses in psychology as part of their liberal education so as to obtain a more mature understanding of themselves and other human beings.

**Major Field of Concentration**

The psychology major requires a minimum of 18 hours of credit in upper-division (i.e., PY 3xxx or PY 4xxx) courses in psychology. The four psychology-major base courses which are required for the major are (1) PY 1000 (or PY 1100), (2) PY 2100, (3) PY 3100 or PY 3110, and (4) PY 4100 or PY 4960. The psychology major also requires a minimum of two courses from each of the following two groups of courses: Group A: PY 3200, PY 3250, PY 3300, PY 3350, PY 4200, PY 4300, PY 4320 or PY 4350; and Group B: PY 3400 (or PY 3410 or PYED 3430 or PY 3440), PY 3500, PY 3550, PY 4400 or PY 4500. A grade of C or better is required in all upper-division courses counted toward fulfillment of the major requirements. (A grade of C- will not satisfy the requirement.)

Students are strongly encouraged to complete PY 2100 and PY 3100 (or PY 3110) during the sophomore year. Other courses should be selected on the basis of interest and in consultation with the department.

The major advisor should be consulted about the selection of the 12 semester hours of upper-division coursework in related areas of study.

**Minor Field of Concentration**

The psychology minor can be fulfilled by completing the first three curriculum requirements of the psychology-major base along with one course from each group (A and B) and one additional upper-division course. A grade of C or better is required in all upper-division courses counted toward fulfillment of the minor requirements. (A grade of C- will not satisfy the requirement.)

**PY 1000. Introduction to Psychology**

*Fall and Spring semester*

An introduction to the scientific study of behavior and human cognitive processes. Emphasis is on basic concepts and principles, as well as on methods of research. Topics include biological bases of behavior, sensation, perception, learning, memory, motivation, emotions, growth and development, personality, abnormal behavior, psychotherapy and social behavior. (SRI)

**PY 1100. Honors Introduction to Psychology**

*Spring semester*

Psychology is introduced as the science that concerns itself with how and why organisms, especially humans, do what they do. The course integrates science with humanities to embellish understanding human thought and action. Illustrative laboratory exercises pattern the development of reliable information in the field. Topics focus on the general areas of action, cognition, social behavior, development, and individual differences with special emphasis on critical thinking. (Three hours lecture, one hour lab.) (SRI)

**PY 2100. Introduction to Statistics for the Behavioral Sciences**

*Fall and Spring semester*

Basic concepts of statistical analysis are applied to empirical questions from psychology, social sciences and life science to foster the scientific perspective, to incite critical thinking, and to produce better consumers of information. This course focuses on basic descriptive concepts (e.g., central tendency, variability) and techniques (e.g., correlation, regression), basic issues in hypothesis testing (e.g., probability, decision errors), and basic parametric techniques (e.g., $z$-test, $t$-test, one- and two-factor ANOVAs).

**PY 2600. Personal Growth and Wellness**

*3*

The dynamics of personal adjustment and potential for growth are viewed through the study of healthy
personality. Self-control strategies, stress management, relaxation, problem-solving, interpersonal communication and self-awareness are some of the topics to be covered experientially. Emphasis is on small group work. This is designed for both psychology majors and non-majors.

**PYED 3010. Educational Psychology** (3)
Students consider psychological theories of learning and relate them to classroom practice. Particular attention is paid to the changing needs of learners from the early childhood through adolescent periods of development. Students are introduced to educational research, standardized testing, classroom management, motivation, and writing learning objectives. Classroom observations are required. Prerequisite: PY 1000.

**PYED 3020. Psychology and Education of the Exceptional Child** (3)
This course provides an introduction to special education populations and examines the effect of different handicapping conditions on learning. Methods of diagnosis and adaptation/accommodation of instructional methods are presented through case studies, observations and empirical research. Though the major focus of the course is on disabilities, attention is given to the needs of the gifted student as well. Classroom observations of diverse populations are required. Fulfills state certification requirements for teacher education. Prerequisite: PY 1000.

**PY 3100. Experimental Methods in Psychology** (3)
*Spring semester*
The fundamentals of empirical research are explored through experimental methods used in psychology. The student is introduced to a variety of research designs, experimental control techniques, and statistical procedures used primarily in laboratory research settings. Emphasis is given to the process of using theoretical constructs to guide empirical research. Students conduct research projects and write reports in APA style. Prerequisite: PY 2100.

**PY 3110. Research Methods in Psychology** (3)
*Fall and Spring semester*
The fundamentals of empirical research design are explored through non-experimental methods used in psychology. The student is introduced to a variety of research methodologies (e.g., naturalistic observation, survey, quasi-experimental design) that are used primarily outside the laboratory. The student is introduced to various descriptive, correlational techniques that have broad application in psychology and other empirical sciences. Students conduct research projects and write reports in APA style. Prerequisite: PY 2100.

**PY 3200. Psychological Assessment** (3)
This course examines psychological assessment in clinical, educational, business and other settings. Procedures for administering, scoring, and interpreting test performance are studied, as are psychological theories underlying specific tests and methods of constructing and evaluating tests. Students practice the skills underlying effective use of assessment procedures. Lab fee. Prerequisites: PY 1000 and PY 2100.

**PY 3250. Psychology of Learning** (3)
Investigates how human beings and other organisms come to behave in new ways. Major topics include biological influences on learning, classical and operant conditioning, punishment, behavior therapy, cognitive learning, and techniques of instruction. Important features of the course include the research methods used to address empirical questions and the evaluation of theoretical predictions in the context of research findings. There is also an emphasis on applying research findings to behavioral problems and the enhancement of learning in academic settings. Prerequisite: PY 1000.

**PY 3300. Behavioral Neuroscience** (3)
Investigates the biological bases of behavior. Unit One focuses on understanding basic neural structures and processes as well as basic brain anatomy and function. Unit Two explores the neurological underpinnings of basic human functions, such as language, emotion, memory, and sexual differentiation. Unit Three examines a variety of brain dysfunctions, including disorders of perception, memory, movement, emotion, and thought. Prerequisite: PY 1000.

**PY 3350. Psychology of Perception** (3)
This course examines how humans and other organisms gather information about the world around them. Although primary emphasis is on vision and audition, the structure and function of all ten senses are examined. This course explores how knowledge, motivation, context, expectation, and the sensory organ all interact with stimulating energies to achieve perception. Many in-class demonstrations and laboratory experiences illustrate perceptual phenomena. Prerequisite: PY 1000.

**PY 3400. Developmental Psychology** (3)
*Fall and Spring semester*
Focuses on human growth and development throughout the life span. Examines research methods and theories of development. Considers the physical, social, emotional, and cognitive domains of human development as affected by biological and environmental influences. Prerequisite: PY 1000. (SRII or SRI)

**PY 3410. Child Development** (3)
This course focuses on human development from conception to puberty. The main goal of the course is to provide students with an in-depth understanding of typical changes during childhood that are based on fundamental principles of development. Interactions between physical, cognitive, social, and...
emotional aspects of development are examined. Emphasis is placed on theory and research as sources of knowledge. Prerequisite: PY 1000.

PYED 3430 Adolescence Psychology (3)
The developmental tasks of adolescence are explored, including puberty, identity formation, the influence of peers, schools, self-esteem, and problem behaviors. Cognitive, physical, emotional, and social development are examined. Emphasis is placed on theory and research as sources of knowledge. Current educational applications are investigated. Prerequisite: PY 1000 and sophomore standing. (or consent of instructor).

PY 3440. Adult Development and Aging (3)
The developmental tasks of adulthood, including intimacy, identity, work and family, are considered in this course. The physical, social, cognitive and emotional aspects of the aging process are considered. Emphasis is placed on theory and research as sources of knowledge. Prerequisite: PY 1000 and sophomore standing.

PY 3500. Personality (3)
After a consideration of the characteristics of scientific theories, this course examines the efforts of significant historical and contemporary theorists to explain the development, dynamics and determinants of personality. The usefulness of particular personality theories is evaluated within the framework of empirical research. Prerequisite: PY 1000 and six hours of upper-division psychology. (SRII or SRI)

PY 3550. Abnormal Behavior (3)
Fall and Spring semester
An introduction to the various forms of maladjustment including anxiety, affective disorders, schizophrenia, dissociative processes, personality disorders, and child and adolescent psychopathologies. Disorders are considered from several perspectives including psychodynamic, behavioral, cognitive, humanistic-existential, family systems and biological. Prerequisite: PY 1000. (SRII or SRI)

PY 3600. Psychology of Sexual Behavior (3)
Spring semester
A psychological perspective on human sexuality and patterns of behavior. Sexual functioning, gender identity, sexual disorders and treatment are considered. The role of personality, attitudes and emotional factors are emphasized. Prerequisite: PY 1000. (SRII or SRI)

PY 3700. Health Psychology (3)
Health psychology is one of the most rapidly expanding areas in the field of psychology. This course will discuss the role psychological factors play in physical problems. The role of psychological treatments for individuals with psychophysiological disorders will be discussed. This course will also address the role of the health psychologist in the health care system and topics such as chronic pain, obesity, nicotine addiction. Prerequisite: PY 1000.

PY 3990. Research Experience I (1-3)
Research Experience I is designed to introduce students to the research process by participating in faculty sponsored research. Activities as a member of this team may include reading literature relevant to the topic, data collection or data entry and attending research meetings. Students contract with a faculty mentor to determine their level of participation in the research process. Three hours of participation per week are required to earn one hour of college credit and the student must have a minimum overall GPA of 3.0 to participate. Students can earn a maximum of three credit hours. Prerequisite: PY 1000, minimum 3.0 cumulative GPA, and instructor approval.

PY 4100. History and Systems in Psychology (3)
The intellectual history of contemporary psychology is traced in light of positions taken on a number of fundamental philosophical and psychological questions. The course delineates psychology’s emergence as a science and a discipline separate from physiology and philosophy and chronicles its liberation from all-encompassing theoretical systems into the less restrictive organizing constructions found today. While the focus is on the historical development of a science, psychology’s history as an applied profession is examined too. Prerequisite: At least nine hours of upper-division credit in psychology.

PY 4200. Psychology of Motivation (3)
Why do human beings and other organisms behave as they do? Answers are sought by examining the construct of motivation from biological, learning, cognitive and social perspectives. The course begins with some of the “simple” motives that human beings share with other animals and then considers the complex ways in which the functioning of biological systems interacts with learning, cognition and language. Major topics include hunger, sex, emotion, goal theory, attribution theory and social influence. Emphasis is placed on the unique importance of language in structuring human motivation and emotion. Prerequisite: PY 1000.

PY 4300. Cognition (3)
Cognition is the scientific exploration of mental life, both of its phenomena and of their conditions. Phenomena of memory are explored extensively as are the neurophysiological, experiential, and effortful conditions affecting them. Also explored are phenomena of attention, perception, conceptual structure, thinking, imagery and creativity, and conscious and unconscious influences on all these. The language and methodologies of cognitive sci-
ence are important for all students planning to go on in psychology. Prerequisite: PY 1000, PY 3100 or PY 3110.

**PY 4320. Cognitive Development. (3)**
The goal of this course is to better understand cognitive psychology by making use of developmental research. To accomplish this goal important themes that are discussed include innate qualities of human cognition, the patterns of change found in cognition, the study of possible universal forms of cognition, and different methods for examining cognitive change. To become acquainted fully with these issues, students read and critique original source material. Prerequisite: Six hours of upper-division psychology.

**PY 4350. Psychology of Language. (3)**
The study of language is approached from a cognitive perspective. Hence, the course seeks to understand the knowledge speakers and listeners require to use language, the cognitive processes involved in ordinary language use, and how these interact within environmental and biological constraints to account for linguistic performance. Principal topics include comprehension, production, and acquisition of language, speech perception, conversational interaction, and the biological foundations of language. The course also explores topics like reading, sign language, cultural influences on language, and language and pathology. Prerequisite: PY 1000, PY 3100 or PY 3110.

**PY 4400. Social Psychology (3)**
The scientific study of the manner in which the behavior, emotions or thoughts of the individual can be influenced or determined by the behavior or characteristics of others. Topics include methods of research, social perception, attitude formation and change, aggression, attraction, persuasion, conformity and interpersonal communication. Prerequisite: PY 1000 and 6 hours of upper-division psychology. (SRII)

**PY 4500. Theories of Counseling and Psychotherapy (3)**
This course addresses development of basic counseling skills and an appreciation of the counseling process and pitfalls. Emphasis is on listening, effective questioning, interpretation, and selection of appropriate therapeutic approaches. Students review and practice therapeutic strategies from behavioral, cognitive, psychodynamic, humanistic, and family systems paradigms. Prerequisite: PY 1000.

**PY 4600. Psychology of Gender (3)**
The study of the manner in which gender is socially constructed, and the ways in which gender identity is socialized and acquired. Additional topics include: physical health and reproduction, psychological well-being, relationship issues, career and work issues, psychological abilities, media influences, issues concerned with aging, and the role of political movements all in relationship to gender. Prerequisite: PY 1000 and sophomore standing.

**PY 4960. Psychology Seminar (3)**
Fall and Spring semester
A senior-level experience emphasizing independent research. Students present research in a public format. Each seminar is centered on an organizing theme or topic selected by the instructor. Prerequisite: Senior standing, Psychology major, PY 3100 or 3110.

**PY 4970. Practicum in Psychology (2-3)**
Practicum in Psychology provides students with opportunities to observe and participate in the work of psychologists, counselors and other professionals in a variety of mental health, forensic/legal, and business/industry settings. The 3-credit practicum requires 150 on-site hours and the 2-credit practicum requires 100 on-site hours. In addition to daily logs and journals, completion of a paper that integrates empirical research and practical experience is required. Interested students must consult with the Practicum instructor before enrolling. Prerequisite: Declared major or minor in psychology; junior or senior standing; 2.5 overall GPA; instructor approval.

**PY 4990. Research Experience II (1-3)**
Research Experience II is designed to expose students to the broadest range of research activity possible. The student will plan, conduct and analyze data from a research project in collaboration with a faculty mentor. Students contract with a faculty member to determine their specific research activities which may extend over multiple semesters. It is required that a level II research experience culminate in an APA style research paper, a poster presentation, or an oral presentation at a student conference. Three hours of participation per week are required to earn one hour of college credit. The student must have a minimum of 36 credit hours, an overall GPA of 3.0 and either PY 3100 or PY 3110 with a minimum grade of B to enroll. Students can earn a maximum of nine credit hours. Prerequisite: Minimum 36 credit hours; minimum 3.0 cumulative GPA; PY 3110 or PY 3100 with B or better; instructor approval.
DEPARTMENT OF SOCIOLOGY (SO)

Professor Marilyn N. Carroll, Ph.D. (Chair)
Rev. Robert J. Mahoney, Ph.D.

Sociology is the scientific study of human society and social behavior. The introductory course acquaints the student with the basic theories, the major scholars, the methodologies and the various branches and subfields of this scholarly discipline. Among the fundamental concerns of sociology are social organization, culture, socialization, social class, group behavior, family, religion, crime and deviance. Since sociology also contributes to the University’s overall purpose of education in the liberal arts and sciences, its courses are designed to help the student learn about the self as related to society and to develop a more mature and critical mind.

As an empirical science, sociology emphasizes the objective, technically skilled observation of human interaction, and the analysis of data so obtained, against a background of rational speculation. Like other empirical scientists, sociologists seek both to understand specific social phenomena and to discern the “laws” which underlie human social behavior in general.

Upper-division courses concentrate upon specific subfields of study within the general discipline of sociology (e.g., social class, urban sociology, criminology, the family, etc.). These courses presuppose a more mature student, with at least sophomore standing. Upper-division courses are more tightly focused and treat topics in greater depth than at the introductory level.

Major Field of Concentration
Sociology majors may choose either the traditional major or the health care concentration. Both options require SO 1000 and SO 2000, plus a minimum of 18 semester hours of upper-division work in sociology. Upper-division courses fulfilling major requirements must have a grade of C or better. (A grade of C- will not satisfy the requirement.) A comprehensive exam is required of all sociology majors.

Traditional track: The traditional major must include at least two of the following courses: SO 3230, SO 3700, SO 4000, and/or SO 4020. All upper-division sociology courses can be used to complete the major. The traditional major also must complete an approved minor or major in another field, or at least 12 hours of related upper-division courses approved by the major advisor.

Health care emphasis: The student with the health care emphasis must take SO 3650, SO 3670, and at least two of the following: SO 3230, SO 3410, SO 3700 and SO 4020. At least two additional courses must be chosen from the above list or from the following: SO 3100, SO 3430, SO 3630, SO 4100, a special topic in sociology, or an independent study in sociology. (The latter two must be medical or health care related and/or approved by the program advisor.) Required related courses are TH 4350 Theology, Morality and Health Care, Nonprofit Leadership Studies internship (two semesters) and three of the following: NP 3000 Administration of Nonprofit Organizations, NP 3020 Marketing for Nonprofit Organizations, NP 3050 Financing Nonprofit Organizations, NP 3070 Community Engagement, or NP 3090 Volunteer Management and Program Planning for Nonprofit Organizations.
A Bachelor of Arts degree in Sociology is also available in the evening through the Evening Program in the School of Graduate and Professional Studies (GPS). Contact the GPS academic advisor at 816-501-4062 for further information.

Minor Field of Concentration
Students may obtain a minor in sociology by completing four upper-division sociology courses with a grade of C or better (a grade of C- will not satisfy the requirement); at least one of these four courses must be selected from the following: SO 3230, SO 3700, SO 4000, and/or SO 4020. A prerequisite for the minor is either SO 1000 or SO 2000.

Certificate Program in Medical Sociology and Health Care Administration
A certificate in Medical Sociology and Health Care Administration is awarded concurrently with the awarding of a bachelor's degree to a student who has completed the Sociology major with Health Care emphasis. Students who are pursuing another major or who already have a bachelor's degree may receive the certificate by completing 27 hours in the required courses with a grade of C or better (a grade of C- will not satisfy the requirement): SO 3650 and SO 3670, TH 4350 Theology, Morality, and Health Care; two of the following: SO 3100, SO 3410, SO 3430, SO 3630, SO 3700, SO 4020, SO 4100; three of the following: NP 3000 Administration of Nonprofit Organizations, NP 3020 Marketing for Nonprofit Organizations, NP 3050 Financing Nonprofit Organizations, NP 3070 Community Engagement, NP 3090 Volunteer Management and Program Planning for Nonprofit Organizations.; plus three credit hours of NP 4970 Professional Field Experience. At least half of the courses must be taken at Rockhurst.

SO 1000. Introduction to Sociology  (3)
Fall and Spring semester
An introduction to the study of sociology and its concepts: social organization, culture, socialization, social groups, stratification, collective behavior, population and ecology. (SRI)

SO 2000. Modern Social Problems  (3)
An examination of the leading sociological approaches to the study of social problems and deviant behavior and an analysis of selected social problems in American society. (SRI)

SO 3100. Compulsive and Addictive Behavior  (3)
A sociological analysis of various forms of behavior including alcoholism, drug addiction, smoking, compulsive gambling, eating disorders, healthy “addictions” such as exercise, etc. and problems of co-dependency. Prerequisite: SO 1000 or Sophomore standing. (SRII)

SO 3230. Urban Sociology  (3)
Theories and methodologies of urban study; a review of selected major scholars, problems and research relating to city life. Societal implications of urban development. Prerequisite: Sophomore standing. (SRIII)

SO 3410. The Family  (3)
A study of the sociology of family life, emphasizing courtship, marriage, parenting, survival of divorce and death of spouse, later years. Examines importance of family as society's primary agency of socialization and its critical importance as an institution of society. Reviews appropriate theories and research relating to the family. Prerequisite: Sophomore standing. (SRII)

SO 3430. Aging America  (3)
Examines profound effects of current aging trends in American population on the family, politics, socioeconomic issues, business, education, religion, the media and service industries. In particular, focuses on the relationships—micro and macro—between the health care system and the aging American. Prerequisite: Sophomore standing. (SRII)

SO 3510. Criminology  (3)
A study of the problem of crime in society; emphasizes the nature of crime and criminal behavior; methodology for the study of crime; theoretical perspectives; selected categories and types of crime; the rule of law and implications for public policy and legislation; the prevention of crime and treatment of criminals; and crime myths and stereotypes. Prerequisite: Sophomore standing. (SRII)

SO 3520. Human Aggression and Violence  (3)
The critical analysis of the major variables underlying human aggression and violence. Primary emphasis is on three forms of aggression and vie-
lence: homicide, riots and revolutions, and war. Prerequisite: Sophomore standing.

**SO 3530. Terrorism** (3)
This course examines the underlying causes and effects of terrorism, including political and ideological crime, ranging from mass destruction to assassination. Terrorism — both internal and transnational — today has unprecedented potential for undermining both human societies and individual lives. Prerequisite: Sophomore standing.

**SO 3540. Intergroup Conflict and Prejudice** (3)
A study of the causes and consequences of group conflict, with emphasis upon majority-minority relations, prejudice and discrimination. Prerequisite: Sophomore standing. (SRII)

**SO 3550. War Crimes** (3)
This course examines the nature, roots, consequences, and treatment of war crimes, from genocide to art theft, from massacres to extreme measures of social control by nations at war or in a war-like mode. Studies the rationale for war crimes as related to positivistic social philosophy and sociological theory, the application of selected criminological theories, and the implications for both “rogue” and “peaceful” societies. Specific war crimes — e.g., the Holocaust — are selected for in-depth analysis. Prerequisite: Sophomore standing. (SRII)

**SO 3580. Sociology of Juvenile Delinquency** (3)
Delinquency viewed as related to process of socialization and support by family, religion, peers, education and media; theories and strategies for delinquent control. Explores possibilities of prevention vs. rehabilitation. Prerequisite: Sophomore standing.

**SO 3590. Organized Crime** (3)
Organized crime — ongoing criminal activity by identifiable groups with linkage to like groups nationally and internationally — is a significant social problem with substantial but hidden costs to the average citizen. Media glamorization, corruption at many levels, and patronage of its illicit goods and services by segments of the “respectable” public make organized crime a difficult and often frustrating target of the justice system. Sociological analysis with examples. Prerequisite: Sophomore standing.

**SO 3630. Sociology of Mental Illness** (3)
Relationship of social factors to mental illness, biases in criteria used for diagnosis and commitment, “insanity” and crime, the mental hospital. Also, related topics such as mass hysteria, witchcraft, doomsday cults and mass delusions. Prerequisite: Sophomore standing or instructor approval. (SRII)

**SO 3650. Medical Sociology** (3)
Spring semester
Relationship of sociological concepts to health and medical care; cultural and class variations in health and health care, social and cultural aspects of health; medical roles; financing of medical care and medical care organization. Prerequisite: Sophomore standing or instructor approval. (SRII)

**SO 3670. Sociology of Death** (3)
Fall semester
A sociological analysis of beliefs, attitudes and behavior related to death in the U.S. and cross-culturally. Topics include attitudes about death, the dying patient, bereavement, burial and mourning customs, the American funeral industry. Prerequisite: Sophomore standing or instructor approval. (SRII)

**SO 3700. Social Class in America** (3)
An analysis of social class and caste systems with an emphasis on American society. Topics include the criteria for differentiation, social mobility, consequences of stratification and the problems of the poor. Prerequisite: Sophomore standing. (SRIII)

**SO 4000. Sociological Theory** (3)
An examination of the theoretical foundations of modern sociology, with attention to the origins of sociological theory, its relationship to methodology as constituting a special mode of inquiry, its major schools and scholars, its contrast with selected alternative modes of inquiry, and past, present and likely future directions. Prerequisite: Junior standing or instructor approval. (SRIII)

**SO 4020. Social Psychology** (3)
The study of the individual within the context of groups. Emphasis is placed upon such factors as communication, roles and role conflict, self-conception, perception, attitudes and interpersonal relations. Prerequisite: Sophomore standing. (SRII)

**SO 4100. Research Methods in Sociology** (3)
Principles of scientific method with special reference to selected problems in sociology. Prerequisite: Sophomore standing.

**SPANISH (SP)**
See: Classical and Modern Languages and Literature
The mission of the Theatre Program at Rockhurst University is to nurture a student’s intellectual and aesthetic development in all aspects of the art of theatre, be it for personal enrichment, advanced study, or for preparation for a career in the profession or a related field. The Theatre Program is committed to a broad-based, liberal arts approach that combines knowledge and experiential learning in order to develop the student’s abilities to think creatively, critically, and collaboratively. The Theatre Program is committed to enhancing the cultural and intellectual life at Rockhurst University by providing a varied program of theatre offerings that are intellectually, artistically, and socially challenging and that acknowledge and celebrate the complexity and diversity of the human experience so that we may learn to live more meaningful lives in relation to one another.

Minor Field of Concentration

The liberal arts theatre minor consists of a minimum of 6 lower-division and 12 upper-division hours in theatre courses. From lower-division theatre courses, students must complete six hours from the following courses: TA 1000, TA 1200, TA 1300, and TA 2000. From upper-division theatre courses, students must complete at least 12 hours from the following courses: TA 3200-3240, TA 3250, TA 3400, TA 3420, and TA 3650; students may substitute one of these upper-division courses by taking at least three hours of theatre practicum from one or more of the following courses: TA 3500, TA 3520, TA 3540, TA 3560. A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.)

TA 1000. Introduction to Theatre Arts (3)
An exploration of the art of the theatre with the aim of developing knowledgeable appreciation. The course is designed to increase the student’s awareness of theatrical art as cultural expression, to enhance understanding of the processes of artistic creation, and to develop the critical skills which foster discrimination among the kinds and qualities of theatre arts competing for their attention. Learning experiences include lectures, discussions, a practicum, video viewings, and attendance at live productions. (ARI)

TA 1040. Live Theatre Experience (1)
Students select and attend six live theatre performances and then submit a short paper for each summarizing and evaluating their experiences. Students are responsible for additional costs associated with the trip. Course may be repeated for a maximum of six credit hours. (ARI)

TA 1040. Live Theatre in Kansas City (1-3)
An appreciation course which includes trips to local theatre productions and rehearsals, and meetings with actors, directors, and stage managers; discussion and criticism of the productions. Course may be repeated for a maximum of six credit hours. (ARI)

TA 1050. Live Theatre Experience (1)
Students select and attend six live theatre performances and then submit a short paper for each summarizing and evaluating their experiences. Students are responsible for additional costs associated with the trip. Course may be repeated for a maximum of two credit hours. (ARI—To satisfy the core this course must be taken in combination with other AR, MS, or TA courses to equal 3 hours.)
TA 1200. Acting I (3)  
A studio course in the art of acting; students learn basic acting skills including development of sensory and emotional awareness, removing vocal and physical blocks, role analysis, development of objectives, and characterization. Learning activities include exercises, monologues and scenes. Prerequisite or concurrent: TA 1000 or instructor approval. (ARI)

TA 1300. Introduction to Technical Theatre (3)  
The course is designed to acquaint the student with various technical aspects of theatrical production. Emphasis is on theatre safety, costume construction, scenic and property construction and painting, theatre sound, and stage lighting. Lab fee.

TA 2000. Script Analysis (3)  
Students will be introduced to tools for and methods of analyzing scripts for the purpose of production and performance. The course focuses on the development of critical skills which can aid students in future research and analysis of literature for the stage. The principal objectives of the course are: to introduce basic principles of analysis and examine their application to theatrical scripts; to explore important examples of dramatic literature; to develop a critical vocabulary for communicating interpretive ideas and to practice writing and speaking effectively about interpretive ideas; and, to develop research and dramaturgical skills needed by theatrical practitioners. Prerequisite: EN 1110.

TA 3200-3240. Performance Studio (3)  
A studio course in advanced acting techniques that might include advanced characterization, script analysis, auditioning, theatre literature and mask techniques. Learning activities include exercises, monologues, and scenes. Each semester will focus on a different period style. Prerequisite: TA 1200 or instructor approval. (ARI)

TA 3200. American Classics (3)  
TA 3201. Musical Theatre (3)  
TA 3202. Elizabethan Theatre (3)  
TA 3203. Voice and Diction (3)  
TA 3204. Greek and Roman (3)  
TA 3205. Theatrical/Absurd (3)  
TA 3206. Modern (3)  
TA 3207. Commedia and Clowning (3)  
TA 3250. Directing (3)  
A course in the art of directing; students learn basic directing skills including script analysis, conceptualization, visualization, blocking, stage movement, business, scheduling, production staff communication, and actor coaching. Prerequisite: TA 1000 and TA 1200 or instructor approval. (ARI)

TA 3400. History of Pre-modern Theatre, Drama, and Criticism (3)  
A history of pre-modern theatre production including architecture, acting, directing, management, playwriting, scenery, costumes, lighting, and sound. Drama is explored in its theatrical, cultural, political and critical contexts. Includes readings in theatre history, plays, and dramatic and theatrical criticism, and viewing of videotaped and live productions. Prerequisite: TA 1000 or instructor approval.

TA 3420. History of Modern Theatre, Drama, and Criticism (3)  
A history of modern theatre production including architecture, acting, directing, management, playwriting, scenery, costumes, lighting, and sound. Drama is explored in its theatrical, cultural, political and critical contexts. Includes readings in theatre history, plays, and dramatic and theatrical criticism, and viewing of videotaped and live productions. Prerequisite: TA 1000 or instructor approval.

TA 3500. Acting Practicum (1)  
Performance in a mainstage or laboratory production. May be repeated for credit. Prerequisite: instructor approval. (ARI)

TA 3520. Building Crew Practicum (1)  
Forty hours of activities in the scene shop and/or the costume shop and/or in electrics. May be repeated for credit. Prerequisite: instructor approval.

TA 3540. Running Crew Practicum (1)  
Running crew for one production selected from stage, light, sound or costume crew. May be repeated for credit. Prerequisite: instructor approval.

TA 3560. Theatre Management Practicum (1)  
Forty hours of activity in one of the following areas: stage management or assistant directing, program design or development, publicity, house management, box office. May be repeated for credit. Prerequisite: instructor approval. (ARI)

TA 3650. Looking Critically at Film and Stage (3)  
In this course, students will explore and evaluate means of responding critically to the performance media of stage and film. Students will be assigned readings in critical theory to ground their viewing of over a dozen assigned films and stage productions (some live, others videotaped, all viewed outside class). The course will culminate in a final project in which each student critically analyzes (in writing) a particular performance from a specific critical perspective.
Department of Theology and Religious Studies (TH)

Professor
Rev. Martin J. Bredeck, S.J., Ph.D.
William F. McInerny, Ph.D.
Joann Spillman, Ph.D.
Wilburn T. Stancil, Ph.D. (Chair)

Associate Professor
Craig R. Prentiss, Ph.D.
Daniel F. Stramara, Jr., Ph.D.

Soebbing Visiting Scholar
Mark D. Nanos, Ph.D.

The department of theology and religious studies has the same responsibility toward its discipline and students as has any other academic department: scholarly understanding of appropriate data. The department makes no effort at religious indoctrination; rather, it concerns itself with presenting in a manner that is suitable to an institution of higher education an intellectual understanding of Christianity and of other religious phenomena. Whether students approach the data with or without a specific religious commitment is a matter of their personal decision.

Major Field of Concentration
The major in theology and religious studies consists of a minimum of 24 upper-division semester hours in addition to completing TH 1000 (or TH 1050). TH 3000 (or TH 3050) counts toward the 24 hour upper-division hours. These 24 semester hours, together with 12 additional semester hours of related upper-division courses, are subject to the approval of the major advisor. A senior exit activity/interview is required. Also required are two semesters of college-level study of one language other than English. This requirement may be fulfilled by completing two semesters of college-level literature in one language other than English. In either case, the language courses must be taken for college-level credit. [Neither College Level Examination Program (CLEP) nor Advanced Placement (AP) exams fulfill this requirement.] A grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.)

Majors are urged to take more than the minimum of 24 hours of upper-division work. The 12 hours of related course work are to be chosen with the guidance of the major advisor. These 12 hours of related course work must pertain directly to the major concentration. Selected courses in history, philosophy, sociology, or other disciplines approved by the major advisor, constitute related course work. In the normal course, for both majors and non-majors, TH 1000 or TH 1050 ought to be followed by TH 3000 or TH 3050. Students have the option of taking an additional “swing course” to meet the core requirement. The department prefers that the hours contained in the liberal core be fulfilled in different semesters: the required core courses should not be taken simultaneously.

Minor Field of Concentration
The minor in theology and religious studies consists of a minimum of 15 semester hours: 9 hours of upper-division coursework in addition to completing both TH 1000 (or TH 1050) and TH 3000 (or TH 3050). A grade of C or better is required in each upper-division course of the minor. It is highly recommended that students seeking a minor in theolog-
Interdisciplinary Studies: An exploration of 1) whether the present age is "modern" or "post modern," 2) the impact of technology and contemporary lifestyle on understanding death, individual vs. societal rights and duties, the experience of transcendence, 3) the place of myth and symbol in human experience, 4) fate, chance, luck, and god as expressions of ignorance, 5) possibilities for religious faith in contemporary Western society. Prerequisite: TH 1000. (THII)

TH 3666. The Book of Revelation (3)
This course explores the historical context in which the book of Revelation was composed and its meaning. Attention will be given to Jewish apocalyptic literature that impacted the thoughts of emergent Christianity. The Book of Revelation will be critically examined regarding authorship, audience, meaning, and reception within the historical and social context of primitive Christianity. The course utilizes contemporary methods of interpretation and examines various historical understandings. Prerequisite: TH 1000. (THII)
TH 4000. The Gospels (3)
An introduction to the literary, historical, and social worlds of the canonical Gospels, making use of both traditional and contemporary methods of interpretation. Special attention is given to important theological aspects of the Gospels. Prerequisite: TH 1000. (THII)

TH 4010. Studies of the Historical Jesus (3)
This course will explore the major trends in historical Jesus research today and will examine the implications of this research for understanding the history of earliest Christianity and for theology, especially doctrines concerning Christ. The course will include an evaluation of the treatment of questions about the historical Jesus in the media, including reports of the Jesus Seminar. Prerequisite: TH 1000. (THII)

TH 4020. The Gospel of John and the Epistles of John (3)
This course serves as a general introduction to the Johannine Literature—that is, the Gospel of John and the three Epistles of John. The first and major part of the course is devoted to an analysis of the Gospel itself. This analysis includes such topics as the relationship of the Fourth Gospel to the Synoptic Gospels; the traditional source-critical view of the present Gospel in terms of an early, middle, and late stage of composition; and the Gospel as a document of the Church—its theological themes and interpretations. The latter part of the course deals with the three letters of 1, 2, and 3 John. Topics addressed include the main theological thrust and themes of the Epistles; the socio-historical situation, and the relationship of the Epistles to the Gospel. Prerequisite: TH 1000. (THII)

TH 4030. Pauline Letters and Theology (3)
This course serves as a general introduction to the Pauline Letters, focusing on both Paul's theology and the social and historical context out of which that theology emerged. Prerequisite: TH 1000. (THII)

TH 4050. Sacraments (3)
Humanity has always attempted to reach God through private prayers and the rites of religion. Beneath ritual and its symbolism is a rich theological stratum which, when understood, can help one to appreciate the experience of God found in and through the rites. This course studies the history and development of the rites of Christianity and the experience of them, in an attempt to understand their theological stratum. Prerequisite: TH 1000. (THII)

TH 4080. Christianity in Film (3)
Christianity in Film uses video/film as a stimulus to student discussion about and research into fundamental Western Christian values and theological hypotheses. Depictions in film of dilemmas, crises, insights occasioned by characters’ Christian convictions and by community history provide visual imagery and give a sense of “lived experience” of the issues investigated—issues which recapitulate and expand on the core concepts encountered in TH 1000 and TH 3000. Prerequisite: TH 1000. (THII)

TH 4100. Catholic and Protestant Theology (3)
An examination of the major theological emphases of Catholics and Protestants. Attention is given to the origins of the Protestant Reformation and the development of the various Protestant traditions arising from it. Areas of agreement and disagreement, both then and now, are examined with focus on examples of contemporary Catholic-Protestant dialogue. Students are introduced to literature, guest lecturers, and worship experiences from both Catholic and Protestant traditions. Prerequisite: TH 1000. (THII)

TH 4180. Religion in America (3)
This course surveys the history of religious life in America. It is designed to give students an introduction to a variety of themes, issues, events, and religious perspectives which have shaped the consciousness of the American people. This course introduces students to topics including Native American religious traditions, Puritanism, the “Great Awakenings,” Mormonism, Protestant/Catholic relations, Judaism, charismatic and holiness traditions, women in religion, slave religion, Christian fundamentalism, and the Nation of Islam. It also deals with themes such as the separation of church and state, the role of revivalism in the construction of religious identity, pluralism, and questions relating to competing narratives of “The American Religious Tradition.” Prerequisite: TH 1000. (THII)

TH 4181. Religion in Latin America and the Caribbean (3)
The course will explore religious life in Latin America and the Caribbean from the colonial period to the present. Special attention will be given to the interaction between Christianity and the indigenous religious systems of the native people and the African diaspora. Topics may include the role of missionaries, religious syncretism, liberation theologies, church-state relations, religion’s role in the formation of ethnic and gender identity and the contemporary rise of evangelical and charismatic Christianities. Prerequisite: TH 1000. (THII)

TH 4190. New Religious Movements (3)
This course explores new religious movements with a focus on their origins, their theological tenets, and their impact on modern culture. Movements examined include those more established movements such as the Mormons and Christian Scientists as well as more recent religious groups such as
TH 1000. (THII)

Right, among other subjects. Prerequisite: TH 1000. (THII)

The course focuses primarily, though not exclusively, on the U.S. American scene, and may explore the topic in relation to American Catholicism, the Euro-Christian encounter with Native Americans, Mormonism, African-American Christianity, the Nation of Islam, Judaism, and religions on the White-supremacist wing of the "Radical Right," among other subjects. Prerequisite: TH 1000. (THII)

TH 4200. Christian Marriage (3)

This course critically explores the contemporary meaning of Christian marriage as covenant, symbol, and sacrament. As part of this exploration the development of marital theology from the past to the present is examined by investigating how marriage was theologically understood in the Hebrew Scriptures and the New Testament, as well as by probing the theology of Christian marriage which emerged during the Patristic, Medieval, and Reformation eras. Theological/moral issues (past and present) significantly connected with Christian marriage such as divorce, remarriage, artificial contraception, artificial insemination, marriage without children, etc. are also studied. Prerequisite: TH 1000. (THII)

TH 4250. Contemporary Christian Theology (3)

A study of issues, movements, and theologians who have impacted contemporary theology. The writings of significant Catholic and Protestant theologians are examined in the context of movements such as classical liberalism, neo-orthodoxy, existentialism, fundamentalist-modernist controversies, process theology, liberation theology, feminism, and post-modernism. Prerequisite: TH 1000. (THII)

TH 4280. Religion, Ethnicity and Race (3)

Complex constructions of "racial" and "ethnic" identity have often played a profound role in developing the religious worldviews of institutions and individuals. This course surveys examples of this interaction throughout history and seeks to give students a better understanding of the ways in which theological expression both shapes and has been shaped by race and ethnicity. The course examines how the interaction between religion and ethnicities/races has produced both ideological bridges and barriers between individuals and groups. The course focuses primarily, though not exclusively, on the U.S. American scene, and may explore the topic in relation to American Catholicism, the Euro-Christian encounter with Native Americans, Mormonism, African-American Christianity, the Nation of Islam, Judaism, and religions on the White-supremacist wing of the "Radical Right," among other subjects. Prerequisite: TH 1000. (THII)

TH 4300. Contemporary Theological Controversies (3)

A study of selected theological disputes of recent decades, with special emphasis on those confronting American Christianity. Special attention is given to those debates which concern fundamental Christian beliefs. Students are encouraged to research disputes of special interest to them. Prerequisite: TH 1000. (THII)

TH 4320. Endtime Prophets: Apocalyptic and Millennial Movements in America (3)

A study of the nature, history, and role of apocalyptic and millennial movements in America. Millennial movements, drawing from the last book of the Bible, interpret history through the grid of an expected thousand-year reign of Christ on earth. This course introduces students to the roots of apocalypticism in Jewish and early Christian thought, the triumph of history over apocalypticism in the Church of the Middle Ages (with significant exceptions such as Joachim of Fiore), and examples of apocalypticism in America from the Millerites of the 19th century to the Branch Davidians of today. Special attention is given to understanding the social and psychological functions performed by millennial movements and apocalyptic speech, the hermeneutics used to interpret the Bible in these movements, and the central ideas in their endtime prophecies. Prerequisite: TH 1000. (THII)

TH 4330. Christianity and Women (3)

A study of the history of women in Christianity with special attention to Christian views of the nature of women and of the "appropriate" roles of women in churches and in society. The course also explores the response of recent feminist theology to these traditional views of women and their roles as well as recent feminist interpretations of basic Christian doctrines. Prerequisite: TH 1000. (THII)

TH 4340. Eastern Christianity: Orthodoxy and Catholicism (3)

This course explores the form of Christianity which is neither Roman (Western) Catholic nor Protestant, commonly known as Eastern Orthodoxy along with Eastern Catholicism, i.e., Christianity rooted in the Middle East, Eastern Europe, Africa, and Asia. Situated in historical and cultural context, "Eastern" theology, spirituality, and church organization is studied for its distinctive expression of the Christian faith. This enables one to appreciate Eastern Christianity's various contributions to theology and world history. The Orthodox experience in America and in the ecumenical arena is likewise examined. Particular attention is given to the Eastern Catholic Churches in communion with Rome and their relationship to the Orthodox Churches (not in communion with Rome). Prerequisite: TH 1000. (THII)
WOMEN'S STUDIES (WS)

Program Coordinator  Janet L. Cooper, Ph.D.

The Women's Studies minor examines the historical and contemporary circumstances that have shaped the relationships between women and men, and between women and women, in the family, work place, personal relationships, universities, religious institutions, and in public policy forums on the local, national and international levels. The program is designed to raise fundamental questions about gender identity and relations, and about philosophical, natural scientific and social scientific assumptions regarding the idea of human nature. The courses draw upon a variety of scholarly perspectives and pedagogues including feminist theory and pedagogy. It aims to assist students in developing critical thinking skills and an understanding and appreciation of the contributions of women to civilization and society.

Minor Field of Concentration

The minor in Women's Studies requires a total of 18 credit hours which include two required courses: WS 1000 and WS 2000. In addition to these two courses, the minor requires four upper-division electives chosen from the list below as well as special topics courses. Please note that these courses are described and cross-listed in the departments that offer them.

TH 4350. Theology, Morality and Health Care (3)
This course explores the interrelationships between theology, morality, and contemporary health care. In addition to methodically examining moral issues in health care, this course emphasizes the foundational roles which theology plays in engendering moral vision, the development of character, behavior, and formal arguments related to contemporary debates within and about health care. Prerequisite: TH 1000, junior standing in four-year nursing program, candidacy in accelerated nursing program, or instructor approval. (THII)

TH 4450. World Religions (3)
An introduction to the beliefs and practices of four major world religions—Hinduism, Buddhism, Judaism, and Islam—through a study of their scriptures and history. The class concentrates on each religion's views of the Transcendent and of the nature and destiny of the human person. Students read selections from the scriptures and writings of major thinkers in each tradition. A study of the major events in the history of each religion serves as background for a consideration of its contemporary beliefs and practices. Prerequisite: TH 1000. (THII)

TH 4500. Religion as Human Phenomenon (3)
A study of the basic dynamisms of several world religions; an examination of historical criticisms of religion in general and of Christianity in particular; an exploration of some human experiences as foundational for appreciation of humanity's searches for meaning. Prerequisite: TH 1000. (THII)

TH 4777. Religious Utopian Communes in America (3)
A study of the nature, history, beliefs, and practices of religious utopian communes in America from the nineteenth century to the present. Prerequisite: TH 1000. (THII)

TH 4888. Paul's Letter to the Romans (3)
Paul's Letter to the Romans is central to understanding Paul and the early communities of believers in Jesus Christ in their first-century historical context, as well as to interpreting Paul’s theology. This course will focus on a close historical-critical reading of the text, including investigation of Roman, Greek, Jewish, and Christian historical and cultural factors, why Paul wrote this letter and intended to travel to Rome, the historical, rhetorical, and theological messages that arise in Paul’s arguments, and the interpretive traditions, and implications of the various choices maintained by them. Students will also be introduced to the newer perspectives on Paul that are challenging long-held views and advancing respectful inter-faith dialogue and interaction. Prerequisite: TH 1000. (THII)

TH 4350, TH 4450, TH 4500, TH 4777, and TH 4888 are described in the Religious Studies section.
Other courses may be used by students toward the minor using the Women's Studies Option. A course may be counted toward the minor if the student pursues an additional project on a topic pertaining explicitly to women and their roles, treatment, and status in society. Any research should consider questions of method which impact the way data are measured, interpreted, collected, and presented with respect to women. This project must be coordinated through the course instructor, a faculty mentor/advisor serving on the Women's Studies Committee and with the signed approval of the Chair of the Women's Studies Committee. Furthermore, classes are continually in the process of being added to the list below.

WS 1000. Women in Culture (3)  
Fall semester  
This course focuses on the experiences of women and the significance of gender in society, providing an interdisciplinary perspective. Specific areas of investigation may include the social construction of gender, women and work, the state, patriarchy, and the role of women in society and in the family. Particular attention is paid to such factors as race, ethnicity, and class to understand more fully women's roles across cultures and over time.

WS 2000. Approaches to the Study of Gender (3)  
With a focus on the interdisciplinary and historical approaches to the study of gender, this course is designed to familiarize students with a variety of approaches to primary document analysis, interdisciplinary methods, and the restructuring of bodies of knowledge.

WS 3020 (NS 3020). Women and Science (2)  
This course will examine the role of women in science by studying their contributions to the scientific body of knowledge and their influences as professionals in scientific fields. Readings will focus on the lives of many influential women scientists, the influence of women on the origins of modern science and the participation of women in research on both sides of the lab bench, as investigators and as study subjects.

WS 4970. Internship (1-3)  
This course is designed to allow the student to pursue applied studies through community work in a field of choice. Prerequisite: WS 1000, WS 2000.

EN 3520 Jane Austen Study  
EN 3880 The Gothic Novel as Genre  
EN 3890 Women and Literature  
EN 4600 Twentieth-Century British and American Poetry  
FR 3890 French Women and Literature  
HS 3670 Native American History  
HS 3810 History of Women in America  
PY 4600 Psychology of Gender  
SP 4360 Latin American and U.S. Latina Women’s Literature  
TH 4330 Christianity and Women
School of Graduate & Professional Studies

Undergraduate Programs

Academic Administration

Dean
Robin Bowen, Ed.D.

Assistant Dean
Donna Calvert, Ph.D.

Assistant Dean
James E. Millard, Ph.D.

Director of Advising
Terry Forge, B.P.S.

Chair, Department of
Communication Sciences and Disorders
Dennis Ingrisano, Ph.D.

Chair, Department of Education
Debra Pellegrino, Ed.D.

Director, Nonprofit Leadership Studies
Amy Mulligan, M.S.A., M.I.H.E.

Coordinator, Paralegal Studies
Tamara Ewing, J.D.

Mission Statement

The Rockhurst University School of Graduate and Professional Studies offers a variety of baccalaureate and post-baccalaureate degrees. Participation in these degree programs prepares students to continue to develop knowledge and skills, foster inquiry and serve others in accordance with the Rockhurst University Mission and in their chosen profession.

Graduates from the School of Graduate and Professional Studies are well prepared to lead lives as vibrant men and women who are committed to lifelong education, professional leadership and community service in the Jesuit tradition.

Core Values

The School of Graduate and Professional Studies Core Values of Education in the Jesuit tradition are:

• promoting analytical skills and critical thinking
• facilitating leadership skill development
• advocating for social justice
• promoting life-long learning
• forging partnerships within the community
• developing cultural competence
• developing ethical perspectives

Undergraduate Studies in the School of Graduate and Professional Studies

Consistent with the Jesuit mission, the School of Graduate and Professional Studies undergraduate programs integrate broad based liberal arts curriculum with specialized professional education to prepare students to serve as leaders in their chosen discipline. All undergraduate programs in the school prepare students for future study in graduate and professional fields.

Rockhurst offered the first evening program of study in the Kansas City metropolitan area, providing degree programs to adult students in 1933. The university maintains that same reputation of excellence in the programs it offers today. A number of evening pro-
grams are offered through the School of Graduate and Professional Studies. These programs have been specifically created to allow adult students the opportunity to obtain a bachelor’s degree while acknowledging the life commitments of family, work and community involvement.

The School of Graduate and Professional Studies grants the Bachelor of Arts degree in Elementary Education, Secondary Education and Nonprofit Leadership Studies, and the Bachelor of Science in Communication Sciences and Disorders and, beginning in Fall 2007, the Bachelor of Science in Sports Science. Both the Elementary Education and Nonprofit Leadership Studies degree programs are available in the evening. In collaboration with the Helzberg School of Management, the School of Graduate and Professional Studies coordinates evening offerings of the Bachelor of Science in Business Administration with a Business Administration major, and coordinates the Bachelor of Arts degree in English, Organizational Communication and Leadership, and Sociology in the evening in conjunction with the College of Arts and Sciences. The School offers undergraduate minors in Communication Sciences and Disorders, Educational Studies, English, Nonprofit Leadership Studies, Paralegal Studies, and Sociology, and offers certificate programs in Bilingual Emphasis for Communication Sciences and Disorders, Medical Sociology and Health Care Administration, Paralegal Studies, and Writing. The School also houses the Pre-Medical Post-Baccalaureate Certificate program. Refer to the Degrees Offered section of the catalog to identify those degrees, minors, and certificates available through the Evening Program.

**Graduate Programs in the School of Graduate and Professional Studies**

At the graduate level, the School grants the Doctor of Physical Therapy, the Master of Education, the Master of Occupational Therapy and the Master of Science in Communication Sciences and Disorders. Furthermore, the Communication Sciences and Disorders department offers a Bilingual Certificate Track for its majors and a Prep-Track program. (See the graduate section of the Catalog for information on these graduate programs and for information on graduate admissions, academic and administrative policies, and financial aid).

**Academic, Enrollment, and Administrative Policies**

The School of Graduate and Professional Studies welcomes new and transfer students. Undergraduate students in the School of Graduate and Professional Studies abide by the same rules as all other undergraduate students at the university. Please refer to the Undergraduate Academic and Administrative Policies section of this catalog for specific details.

**Undergraduate Academic Advising**

The School of Graduate and Professional Studies Director of Advising assists students by providing program information, initial credit evaluations, and course pre-registration. Undergraduate students must be advised every semester prior to pre-registration for the following semester. Students who attend school in the evening or who declare a major housed in the School of Graduate and Professional Studies are advised by either the Director of Academic Advising or by a faculty member.
BUSINESS ADMINISTRATION

For the specific degree requirements for a BSBA Business Administration major, please see the description of the program in the undergraduate section of the Helzberg School of Management portion of this catalog.

The BSBA degree is offered in the evening through the Evening Program of the School of Graduate and Professional Studies in cooperation with the Helzberg School of Management.

DEPARTMENT OF COMMUNICATION SCIENCES AND DISORDERS (CD)

Professor 
Dennis Ingrisano, Ph.D. (Chair)

Associate Professor 
Nancy Montgomery, Ph.D.
Linda Solomon, Ph.D.

Clinical Instructor 
Carol Koch, M.S.

Visiting Professor 
Betsy Green, M.S.

Rockhurst University offers a Bachelor of Science degree in Communication Sciences and Disorders. This degree program prepares students for graduate work in speech-language pathology or audiology. Speech-language pathology is the study of disorders of communication, including their characteristics, assessment, and treatment. Audiology involves the study of disorders of hearing, including the evaluation and rehabilitation of individuals with hearing problems.

The goals and objectives of the undergraduate program in Communication Sciences and Disorders are as follows:

Program Goals:
• Providing a broad scientific base for the understanding of normal development of the basic human communication processes; and
• Providing an introduction to the study of disorders of communication, including their characteristics, evaluation, and treatment.

Program Objectives:
The undergraduate program has the primary objectives of:
• Developing students’ knowledge of the principles of biological sciences and physical sciences, mathematics and the social/behavioral sciences;
• Providing students with a broad scientific base for the development of knowledge of basic human communication and swallowing processes, including their biological, neurological, acoustic, psychological, developmental, and linguistic and cultural foundations;
• Introducing students to the nature, prevention, causes, evaluation and treatment of speech, language, hearing, and communication disorders and differences, and swallowing disorders, inclusive of issues pertaining to culturally and linguistically diverse populations across the lifespan;
• Initiating students to the principles and methods of prevention, assessment,
School of Graduate & Professional Studies
Undergraduate Programs

and intervention for culturally and linguistically diverse individuals with communication and swallowing disorders;

• Promoting students’ understanding of and appreciation for linguistically diverse individuals by developing basic communication skills in a foreign language;

• Helping students discover ethical principles and standards of ethical conduct in clinical decision making;

• Introducing students to the fundamentals of empirical research and its application to the discipline of communication sciences and disorders;

• Exposing students to the professional issues related to state and national certification, specialty recognition, licensure and the educational preparation of speech-language pathologists; and

• Developing students’ oral and written communication proficiencies.

The bachelor of science program in communication sciences and disorders meets the requirements for certification by the State of Missouri as a speech-language pathologist and by the American Speech-Language-Hearing Association (ASHA) as appropriate for an undergraduate program. However, to be eligible for state and ASHA certification, students must earn a graduate degree from a program accredited by the Council on Academic Accreditation of the ASHA. Other requirements for ASHA certification include successful completion of a Clinical Fellowship Year and receipt of a passing score on the PRAXIS examination.

Students are required to earn a grade of C or better in all CSD courses (a grade of C- will not satisfy the requirement). Students are encouraged to maintain a GPA of 3.0 or higher in the major as well as an overall GPA of 3.0 or higher, as most graduate programs require a minimum GPA of 3.0 for admission.

Major Field of Concentration

The major concentration in communication sciences and disorders consists of a total of 39 semester hours of upper-division CD coursework. The required upper-division courses in communication sciences and disorders are: CD 3030, CD 3250, CD 3610, CD 4100, CD 4110, CD 4501, CD 4559, CD 4960, CD 5100, CD 5350, CD 5650, CD 5655, CD 5830. Lower-division prerequisites for this major are: CD 2020, CD 2605.

Upper and lower division courses from other departments specifically required for the undergraduate degree in CSD are: PY 1000 Introduction to Psychology, PY 2100 Introduction to Statistics for the Behavioral Sciences, PY 3110 Research Methods in Psychology, PYED 3020 Psychology and Education of the Exceptional Child, PY 4350 Psychology of Language, and PL 3100 Ethical Theory. In addition, students who major in CSD must complete two semesters of the same foreign language for a total of 6–8 credit hours. Some of the requirements for the CSD major may have additional prerequisites. Several of these courses may be used to satisfy the liberal core curriculum. An outline summary of CSD major requirements follows.

Undergraduate Curriculum Summary

The courses listed below represent the required courses for the undergraduate degree in CSD that are offered through the CSD department only.

Lower Division Courses Required for Major

CD 2020 Human Communication Processes (3)
CD 2605 Language Acquisition I (3)

Total: 6 credits
Upper Division Courses Required for Major (13 courses)

CD 3030 Human Communication Disorders (3)
CD 3250 Anatomy and Physiology of Speech and Hearing Mechanisms (3)
CD 3610 Language Acquisition II (3)

CD 4100 Principles of Clinical Management (3)
CD 4110 Admin and Mgt of Speech and Language Services in Schools (3)
CD 4501 Ethnography of Communication (3)
CD 4559 Sign Language and Other Alternative Methods of Communication (3)
CD 4960 Senior Seminar (3)

CD 5100 Transcription Phonetics (3)
CD 5350 Neural Bases of Human Communication (3)
CD 5650 Hearing Science and Disorders (3)
CD 5655 Speech Science (3)
CD 5830 Foundations of Hearing Habilitation (3)

Total: 39 credits

Students must complete all core curriculum requirements. The courses listed below represent the upper and lower division courses from other departments specifically required for the undergraduate degree in CSD. Prerequisites and core courses are not included in the total. Some of these courses may also satisfy requirements for the core curriculum.

Additional Required Coursework

*Note: all are 3 credit hours*

PY 1000 Intro to Psychology
PY 2100 Intro to Statistics for the Behavioral Sciences
PYED 3020 Psychology and Education of the Exceptional Child
PY 3110 Research Methods
PY 4350 Psychology of Language
PL 3100 Ethical Theory

Two semesters of the same foreign language (3-4 credits each, 6-8 total credits)

Total: 24-26 credits

Bilingual Certificate –
Bilingual Emphasis for Communication Sciences and Disorders Major

The bilingual emphasis establishes that a Communications Sciences and Disorders major has fulfilled requirements for a minor (12 credit hours of upper-division courses) in a foreign language with specially selected and required courses related to and/or supportive of the major. A joint undertaking of the Departments of Modern Languages and Literature and Communication Sciences and Disorders, the purpose of the emphasis is to provide undergraduates with an understanding of communication processes in bilingual groups and to develop the language competencies necessary to serve those from culturally and linguistically diverse backgrounds. Further education about communication disorders in culturally and linguistically diverse populations and refinement of the techniques for the prevention, identification, assessment and treatment of these disorders will occur at the graduate level.

The following courses or their equivalents are required (total of 12 credit hours):
SP 3150 Advanced Spanish Conversation and Composition II (3 hours)
SP 4941 Senior Project (3 hours)

For the CSD major, the project may take the form of an internship, here or abroad. The Spanish advisor as well as a CSD faculty mentor should be consulted for this assignment. The Senior project for this interdisciplinary work will normally involve a paper in Spanish and an oral presentation about this experience given in English at the Rockhurst campus.

An additional six credit hours in Spanish are required from among the following courses: SP 3400 Introduction to Latin American Culture, SP 3470 Introduction to Spanish Culture, SP 3800 Conversational Fluency, and SP 2070, 3070 or 4060 Medical Spanish/Spanish for the Health Care Professional or any suitable course from a study abroad program selected in conjunction with the Mexico Program advisor and with the approval of the Modern Languages and Literature Department Chair. The required language courses should be taken as early as possible in the college career so as to avoid scheduling conflicts in later years. It is possible to meet most of these requirements during a summer study abroad program if the student has attained advanced level competency in Spanish prior to the summer program.

It is recommended that students preparing for the bilingual emphasis also take the following course, which may be used for elective credit:

CT 3850 Intercultural Communication (3 hours)

Following completion of all degree requirements students who elect to pursue this option will receive a certificate from the Department of Modern Languages and Literature and Communication Sciences and Disorders as evidence of their specialized skills.

A bilingual emphasis is also available in French with equivalent courses and approval of the Chair of the Department of Modern Languages and Literature.

Prep-Track
The Post-Bachelor’s Prep-Track in communication sciences and disorders provides an opportunity for those individuals, both recent graduates and non-traditional students desiring to change careers, who hold undergraduate degrees in disciplines other than CSD, to complete all required and related coursework necessary for admission to a graduate program, whether at Rockhurst or another institution. (A graduate degree in CSD is the minimum academic preparation for eligibility for ASHA certification and state licensure.)

Requirements for Admission to the Prep-Track
The Prep-Track was developed for students who did not major in communication sciences and disorders but who are interested in pursuing graduate study in this area. In order to be admitted to the Prep-Track, the candidate for admission must have completed an undergraduate degree at an accredited college or university. In accord with the admission requirements and procedures for all graduate students, an undergraduate GPA of at least 3.0 is recommended. The applicant must also provide GRE scores, three professional letters of recommendation (at least two of which must be from current or former instructors), and an essay addressing his/her career goals and commitment to advanced study and service in the area of communication sciences and disorders. A student admitted to the Prep-Track will concurrently be admitted as a provisional graduate student.

The courses which a student in the Prep-Track must complete before being assigned full graduate status are: CD 2605, CD 3250, CD 3610, CD 5100, CD 5350, CD 5650.
CD 5655, CD 5830, PY 2100. These courses are listed below in the sequence in which they are offered.

### CSD Prep Track

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<tr>
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<th>Fall</th>
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<th>Spring</th>
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<tbody>
<tr>
<td>PY 2100</td>
<td>Statistics</td>
<td>3</td>
<td>CD 3610</td>
<td>Language Acquisition II</td>
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<tr>
<td>CD 5100</td>
<td>Transcription Phonetics</td>
<td>3</td>
<td>CD 5350</td>
<td>Neural Bases of Human Communication</td>
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<tr>
<td>CD 3250</td>
<td>Anatomy &amp; Physiology of Speech &amp; Hearing Mechanisms</td>
<td>3</td>
<td>CD 5650</td>
<td>Hearing Science and Disorders</td>
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<tr>
<td>CD 2605</td>
<td>Language Acquisition I</td>
<td>3</td>
<td>CD 5830</td>
<td>Foundations of Hearing Habilitation</td>
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<tr>
<td>CD 5655</td>
<td>Speech Science</td>
<td>3</td>
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<td><strong>15 credits</strong></td>
<td><strong>12 credits</strong></td>
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In addition, students must complete courses in the following areas or demonstrate the ability to complete such while enrolled in the graduate program at RU: biological sciences and physical sciences (a minimum of two courses with at least one having a lab component), social/behavioral sciences, mathematics, ethics, philosophy plus four additional courses in the humanities. Appropriate course work may include human anatomy & physiology, neuroanatomy, neurophysiology, genetics, physics, inorganic and organic chemistry, psychology, sociology, anthropology, non-remedial mathematics.

Upon completion of the 27 hours of required undergraduate Prep-Track coursework, as well as any needed additional coursework, as listed above with a minimum GPA of 3.0, the student will be assigned full graduate status.

### Minor Field of Concentration

The minor in communication sciences and disorders consists of 18 hours of coursework (12-15 upper division and three to six lower-division hours): CD 2020, CD 2605 or CD 3610, CD 3030, and CD 3250. In addition, students must complete two of the following upper-division courses: CD 4100, CD 4501, CD 4559, CD 5350, CD 5830. Courses selected for the minor may not be used to fulfill the requirements for the major field of concentration. A grade of C or better is required in each course in the minor (a grade of C- will not satisfy this requirement).

Students interested in the discipline of CSD are encouraged to visit the department and to consult the following websites: www.rockhurst.edu/academic/csd/index.asp or www.asha.org.
Course Descriptions

CD 1500. Introduction to Rehabilitation Professions (1)
This course will provide an introduction to the professions of speech-language pathology, occupational therapy, and physical therapy for students considering a career in one of these habilitation/rehabilitation fields. Topics will include professional responsibilities, ethical principles, employment opportunities, work settings, compensation, professional certification/licensure and education standards.

CD 2020. Human Communication Processes (3)
This course will provide an introduction to communication and swallowing processes in adults and children. Topics will include normal development of speech, language, hearing, and communication behavior across the age span and the interaction of speech, language, and hearing skills.

CD 2605. Language Acquisition I (3)
This course will provide an overview of communication in the first five years of life. It will focus on phonologic, morphologic, syntactic, semantic, pragmatic, nonverbal, and cognitive development. Current theories and contemporary issues regarding language acquisition during the early years will be discussed.

CD 3030. Human Communication Disorders (3)
This course will provide a general overview of the disordered aspects of communication in adults and children. Topics will include speech, language, hearing, and communication disorders and differences and swallowing disorders as they relate to both speech-language pathology and audiology. Professional issues including norms of ethical conduct, certification, specialty recognition, licensure, and professional credentials will be addressed. Prerequisite: CD 2020.

CD 3250. Anatomy and Physiology of the Speech and Hearing Mechanisms (3)
This course will provide an introduction to anatomy and physiology of the speech and hearing mechanisms. Topics will include communication and swallowing processes as they relate to the structures and functions of respiration, phonation, articulation, resonation, neurology, and hearing.

CD 3610. Language Acquisition II (3)
This course will provide an overview of communication in school-age children. It will focus on phonologic, morphologic, syntactic, semantic, pragmatic, nonverbal, and cognitive development. Current theories regarding language acquisition during the school years will be discussed.

CD 4100. Principles of Clinical Management (3)
This course will provide information about principles, methods and procedures used to effect positive change in the communication functioning of individuals with speech and/or language problems. It will consider in depth historical and contemporary issues that affect clinical practice. Topics will include principles and methods of prevention, assessment, and intervention and ethical standards that influence methods of interaction. Students will be exposed to writing behavioral objectives, preparing for intervention, and selecting client appropriate treatment methods and materials while serving culturally and linguistically diverse individuals. Prerequisites: CD 2020, CD 3030.

CD 4110. Administration and Management of Speech and Language Services in the Schools (3)
This course will provide an overview of the administration and management of speech, language and hearing programs in school settings. Topics will include: the history of speech-language services in the schools and the role of the speech-language pathologist; documentation and accountability of speech services including knowledge about teacher certification, state licensure and professional credentials; models of service delivery and scheduling; case finding and case selections; state regulations and financing; developing a relevant intervention program; and working as a team member. Prerequisite: CD 2020, CD 3030.

CD 4501. Ethnography of Communication (3)
This course will examine language learning and communication in a variety of cultures using ethnographic research methods. Topics will include basic concepts and requisite knowledge for interacting and working with individuals from culturally and linguistically diverse populations.

CD 4559 (CD 6559). Sign Language and Other Alternative Methods of Communication (3)
This course will provide an introduction to sign language including finger-spelling and basic vocabulary words. It will also explore alternative and augmentative (AAC) methods of communication including picture boards, computer programs, and various methods to facilitate communication under communicatively challenging situations. Students taking this class for graduate credit must complete an additional project on an accelerated level appropriate for such graduate credit.

CD 4661 (CD 6661). Sign Language II (3)
This course will offer continued development in the language of sign with emphasis on building vocabulary and developing conversational skills. Students taking this class for graduate credit must complete an additional project on an accelerated level appropriate for such graduate credit. Prerequisite: CD 4559.

CD 4960. Senior Seminar (3)
This course will focus on contemporary issues related to working with individuals with communi-
processes. Topics will include the scientific bases of communication such as acoustics, gross anatomy, physiology, physics of sound, psychoacoustics, and theories of hearing. This course will also include discussions of the principles of hearing measurement including testing and screening, as well as the interpretation of results.

CD 5655. Speech Science (3)
This course will provide an overview of the physics and psychoacoustics of speech. Communication processes of speech will be considered in relation to both speech production and speech signal perception and processing. Theory, measurement and instrumentation issues in studying normal aspects of speech production and perception will be included. Prerequisite or concurrent: CD 5100.

CD 5830. Foundations of Hearing Habilitation (3)
This course will discuss the effects of hearing loss on speech and language skills. Topics will include methods for providing speech and language services for pediatric and adult clients, and educational options for children who are deaf. Students taking this class for graduate credit must complete an additional project on an accelerated level appropriate for such graduate credit.

DEPARTMENT OF EDUCATION (ED)

Associate Professor
Amy McAninch, Ph.D.
Debra Pellegrino, Ed.D. (Chair)
Assistant Professor
Kyeong Ju (Kay) Seo, Ph.D.
Rena Shull, Ph.D.
Patience Sowa, Ph.D.
Director of Field Experiences
Mary Pat Shelledy, Ed.S.
Assistant Director of Field Experiences
Melody Studer, M.A.
Lecturer
Alan Douglas, Ph.D.
Stuart Phipps, Ed.S.

The Rockhurst University Department of Education prepares teachers to hold a solid background in their chosen fields of study, who are knowledgeable and competent in the craft of teaching, and who bring well-informed perspectives to bear on educational policies and practices. We develop educational leaders — teachers who are actively engaged in educational matters as reflective practitioners. The Bachelor of Arts in Education program calls upon students to analyze alternatives in curricula, teaching methodologies, and assessment strategies, and to consider the implications of such alternatives for a multicultural society. Through rigorous coursework and varied field experiences, students acquire a deep understanding of, and special sensitivity to, the challenges and rewards of teaching in the K-12 schools.

170
Accreditation
The Rockhurst University Department of Education is accredited on the state level by the Missouri Department of Elementary and Secondary Education (DESE) and nationally by the Teacher Education Accreditation Council (TEAC) to offer programs in elementary and secondary education.

The undergraduate Education programs operate according to the general administrative policies governing undergraduate studies at Rockhurst University. Education program requirements listed in this catalog are subject to revision at any time based on changes in state certification requirements.

The Department of Education is committed to the Rockhurst University tradition of preparing men and women for service to others. In accord with the teachings of St. Ignatius, this service enables one to become more fully human and, hence, more fully divine. The Department of Education emphasizes three interrelated themes of Jesuit education: a tripartite focus on moral reflection, on teaching for social justice, and on the liberal treatment of subject matter. These themes of Jesuit education and its significance for our programs are aligned with the 11 MoSTEP Beginning Teaching Standards and the three crosscutting themes of TEAC quality principles. In addition, the Department of Education holds a twelfth standard to measure student learning of focusing on the ethical and moral reflection of teaching.

Major Fields of Concentration
Upon successful completion of one of our education programs, students meet both general and professional state of Missouri mandated requirements for the field of education. Students pursuing the elementary education degree receive the generalist background provided by a major in elementary education, as well as specialist knowledge acquired by coursework in a particular concentration area. Students pursuing the secondary education degree complete a major in secondary education, as well as a major in their chosen content area. Because of the significant number of state of Missouri certification requirements, it is important that students seek advisement from the Department of Education early in their academic careers. Requirements listed in this catalog are open to revision based on changes in state certification requirements.

Elementary Education
The elementary education degree prepares students to teach in grades 1-6. The required courses are:

- ED 1320 Multicultural Clinical Experience and Analysis of Instruction
- ED 2500 Curriculum and Instruction in Health and Physical Education
- ED 3080 Integrating the Curriculum Through the Arts
- ED 3100 Teaching Elementary School Mathematics
- ED 3200 Teaching Elementary School Science
- ED 3300 Teaching Elementary School Social Studies
- ED 3450 Literature in the Classroom
- ED 4010 Foundations of Education*
- ED 4020 Fundamentals of Literacy Learning*
- ED 4021 Literacy Practicum
- ED 4030 Technology and Education: Applications and Implications*
- ED 4400 Assessing Literacy Development and Teaching Struggling Readers
- ED 4411 Practicum in Assessing Literacy Development and Teaching Struggling Readers
ED 4600 Teaching the Language Arts
ED 4800 Student Teaching in the Elementary School
ED 4900 Integrative Student Teaching Seminar: Classroom Planning, Management, and Assessment
GE 3300 Introduction to Human Geography
MT 1140 Mathematics for Elementary School Teachers
PYED 3010 Educational Psychology
PYED 3020 Psychology and Education of the Exceptional Child

Total: 64 semester hours

Additionally, students are required to complete a minimum of 21 credit hours in their chosen area of concentration. General education and professional education requirements may be counted as part of the area of concentration.

*Co-listed as a 6000-level graduate course. Courses taken at the 4000-level do not apply to the M.Ed. degree. For the M.Ed., the student must take the course at the 6000-level or take another graduate course in the domain of the M.Ed. core.

Secondary Education
The secondary education degree prepares students to teach in grades 9–12 in a specific content area, and K-12 for foreign languages. The content areas offered are biology, business, chemistry, English, French (K-12), mathematics, physics, Spanish (K-12), social studies, and unified science (biology, chemistry, and physics). Every student pursuing the secondary education degree also majors in the content area of the student's choice, except for business. Secondary education students will have an education advisor, as well as an advisor in their chosen content area. The required courses are:

ED 1320 Multicultural Clinical Experience and Analysis of Instruction
ED 3750 General Methods of Teaching Middle and Secondary School Subjects
ED 4010 Foundations of Education*
ED 4020 Fundamentals of Literacy Learning*
ED 4030 Technology and Education: Applications and Implications*
ED 4850 Student Teaching in the Secondary School
ED 4900 Integrative Student Teaching Seminar: Classroom Planning, Management, and Assessment
PYED 3010 Educational Psychology
PYED 3020 Psychology and Education of the Exceptional Child

Total: 35 credit hours

Also, secondary education students take the content method course in their chosen content area:

ED 3150 Teaching Middle and Secondary School Mathematics
ED 3250 Teaching Middle and Secondary School Science
ED 3350 Teaching Middle and Secondary School Social Studies
ED 3760 Teaching Middle and Secondary School English
ED 3770 Teaching Foreign Language
ED 3850 Teaching Secondary School Business Education

Total: 3 credit hours
Additionally, the following two courses are strongly recommended:

- PYED 3430 Adolescent Psychology
- ED 3450 Literature in the Classroom

Total: 6 credit hours

*Co-listed as a 6000-level graduate course. Courses taken at the 4000-level do not apply to the M.Ed. degree. For the M.Ed., the student must take the course at the 6000-level or take another graduate course in the domain of the M.Ed. core.

**Department of Education Admission and General Requirements**

Students interested in pursuing an education major must apply to the Department of Education after completing the following:

1. Successfully complete ED 1320 and PY 1000 with a grade of C or better.
2. Successfully pass the College Basic Academic Subjects Examination (C-Base), a state mandated assessment of writing, language arts, mathematics, science and social studies. Students cannot proceed to take upper-division coursework in education until the C-Base is successfully completed and they have been admitted fully to the Department of Education.
3. Achieve a minimum 2.5 grade point average on a 4.0 scale.
4. Submit a completed Department of Education application and essay (available in Van Ackeren, room 313) to the Department of Education office (Van Ackeren, room 313). Undergraduate students should realize that Declaring a Major with the University is different from being accepted into the Department of Education. As soon as a student decides to seek teacher certification, they should contact the Department of Education for the application process.

**The Professional Semester**

*Fall and Spring Semesters*

The Professional Semester is comprised of a fourteen-week student teaching assignment (10 credit hours) and a 4 credit hour Integrative Student Teaching Seminar. Other final professional requirements for certification, including the electronic portfolio, are also met during the Professional Semester. A student must be formally admitted to a certification program of the Department of Education and must complete all general requirements for graduation and all professional education courses prior to enrolling in the Professional Semester.

In addition, the Elementary Education major or Secondary Education major must have successfully passed the Praxis II exam before enrolling in the Professional Semester. Those who have met these requirements must file a formal student teaching application, including submission of transcripts, resume and standard 12 of the electronic portfolio, and background check using Identix for the state of Missouri.

**Graduation Requirements**

1. Achieve a grade of C or better in all professional education courses, in all courses in the concentration area, and all upper-division courses of the content area major. A grade of C- will not satisfy this requirement. Students must have a cumulative grade point average of 2.5 to graduate with a degree in Elementary or Secondary Education.
2. Successful completion of the electronic portfolio, based on the 11 MOSTEP teacher standards, documenting their development as teachers.
3. Successful completion of the Professional Semester.
The Professional Semester is comprised of ED 4800 or 4850, a fourteen-week student teaching course (10 credit hours), and ED 4900, the Integrative Student Teaching Seminar (4 credit hours). Students must submit a formal student teaching application that includes the following:
1. Completion of Standard 12 of the electronic portfolio;
2. Submit all official transcripts with a grade of C or better for all professional requirements; all content area courses and all Education courses must be completed before the Professional Semester;
3. Successfully pass the Praxis II specialty area test for Missouri Certification. This exam must be completed and passed before being accepted into the Professional Semester.
4. Fingerprinting, background check, and other guidelines set forth by the state of Missouri using Identix.

Definition of Teacher Education Program Completer
Students seeking bachelor of arts degrees in elementary and secondary education will be construed to be program completers upon successful completion of all education degree and electronic portfolio requirements. Post-baccalaureate, “certification-only” students will be construed to be program completers upon successful completion of all program requirements and upon successfully passing the Praxis II specialty examination for their respective area, as determined by the state of Missouri. Additional requirements may change if the State of Missouri regulations change.

Admission to the Rockhurst University Master of Education (M.Ed.) Program
Undergraduate candidates completing any Rockhurst major, with an overall GPA of 2.5 and who meet all other program requirements, can apply to be admitted into the M.Ed. program for a fifth year of study leading to initial teacher certification in Secondary Education for grades 9-12. M.Ed. application packets may be obtained online at www.rockhurst.edu or email: graduate.admission@rockhurst.edu. In order to complete the M.Ed. program in their fifth year at Rockhurst, interested students intending to pursue the M.Ed. should also seek advising early in order to ensure compliance with all Missouri State Teacher Certification Requirements

Course Descriptions
ED 1320. Multicultural Clinical Experience and Analysis of Instruction (3)
Students spend over 60 percent of the allotted course time in actual school settings acquiring first-hand classroom experience. On-campus sessions develop students’ ability to analyze and to set these experiences into a broader context in order to come to a fuller understanding of the schooling process and the role it plays in social reproduction and change. Students are encouraged to take the College BASE exam after this course and to apply to the Department of Education.
ED 2500. Curriculum and Instruction in Health and Physical Education (2)
This course examines the goals and methods of elementary and middle school health and physical education. Students will look at the role of health education in today’s society and the need for a coordinated health education program in schools. Students will also construct, teach and evaluate a short unit in health education.
ED 3080. Integrating the Curriculum through the Arts (3)
Students consider the curriculum needs of children in preschool to grade 6 as they develop interdisciplinary lessons that also involve a variety of art
mediums, music, movement and drama. This course is designed to make the multicultural experience easily accessible to teachers. Dances and music are drawn from the folk traditions of African-Americans, Anglo-Americans and Hispanic-Americans, and Asian-Americans as well as Native Americans. This course meets certification standards. Celebrate the diversity of our nation through the arts.

ED 3100. Teaching Elementary School Mathematics (3)
Students explore and practice varied approaches of teaching elementary school mathematics. In order to develop the ability to evaluate and create math curriculum, students compile a unit of instruction in mathematics. Integration of math into the total elementary school curriculum is emphasized. Areas to be covered include objectives and evaluation of math education, learning theory as it is related to math, major concepts and alternate approaches to instruction. There is an emphasis on the use of concrete learning aids and practical experience in local elementary school classrooms. This course requires non-credit field placement experience.

ED 3150. Teaching Middle and Secondary School Mathematics (3)
This course examines the goals, principles and procedures of mathematics education in secondary schools. Guided by the NCTM standards, the course examines current practice and emerging trends in secondary mathematics education. Special emphasis is placed on mathematics as a problem solving activity. Issues of successful teaching and learning for a broad range of math learners are addressed. This class requires non-credit field placement experience.

ED 3200. Teaching Elementary School Science (3)
This course examines the goals, principles and procedures of science education in elementary schools. Science is examined as both a process and product. Students examine the roles of developing students' science process skills and understanding of the nature of science as these issues relate to teaching science for concept attainment. The role of science-technology-society connections in science education is emphasized. Issues of successful teaching and learning for a broad range of science learners are addressed. This class requires non-credit field placement experience.

ED 3300. Teaching Elementary School Social Studies (3)
Students explore and analyze a variety of issues in and approaches to the teaching of elementary school social studies. The development, experience and assessment of curriculum, teaching materials and learning activities are emphasized. Students gain teaching experience through on-campus demonstrations and teaching in local school classrooms. Students prepare a social studies unit of instruction in order to develop the ability to create and evaluate social studies curriculum. This course requires non-credit field placement experience.

ED 3350. Teaching Middle and Secondary School Social Studies (3)
Students explore and analyze a variety of issues in and approaches to the teaching of middle and secondary school social studies. The development and assessment of curriculum, teaching materials and learning activities are emphasized. Students gain teaching experience through on-campus demonstrations and teaching in local school classrooms. Students prepare a social studies unit of instruction in order to develop the ability to create and evaluate social studies curriculum. This course requires non-credit field placement experience.

ED 3360. Sociological Perspectives on School and Society (3)
This course examines education as a social institution and focuses its role in 1) transmitting dominant culture and knowledge; 2) reproducing social stratification and 3) maintaining social control. Drawing, for example, on functionalism and conflict theory, linkages will be drawn between these broader social functions of the school and specific processes at the school and classroom level. Implications for educational policy will also be examined. Classic works by authors such as Willard Waller, Robert Dreeben, Philip Jackson, and Dan Lortie as well as contemporary research will comprise the course readings.

ED 3450. Literature in the Classroom (3)
This course provides a survey of children and young adult literature and aims at expanding levels of literacy for prospective teachers and their students. Students consider the history and development of literature for young people by reading widely in this rich contemporary and classical body of work. Particular attention is given to the application of criteria for selection and evaluation of this literature for use in the classroom. The link between censorship and alternative views of child-
hood and youth is explored. Various genres within
this category of literature are considered.

ED 3750. General Methods of Teaching Middle
and Secondary School Subjects (3)
Through curriculum development, microteaching and
field placement experiences, students will examine the principles and practices of teaching
subject areas in middle and secondary schools. Stu-
dents will examine the DESE standards in their
subject area and become familiar with research as
well as current and emerging practice in secondary
education. Emphasis is placed on developing a
range of teaching strategies to assist teachers in
meeting the needs of the diverse learners in today's
schools.

ED 3760. Teaching Middle and Secondary
School English (3)
Students examine the principles and practices of
teaching English at the middle and secondary
school level, including curriculum and instructional
methods. To create and evaluate curriculum, stu-
dents develop a unit of instruction in English. This
course requires non-credit field placement experi-
ence.

ED 3770. Teaching Foreign Language (3)
Students examine the recent findings of linguists,
psycholinguists, sociolinguists, cognitive psycholo-
gists and educational theorists in curriculum and
motivation relative to second language learning.
The student appraises methods of foreign language
teaching at K-12 level as they relate to proficiency
in listening, reading, writing and speaking, and
critically analyzes existing methods and gives ration-
ale for selection of a preferred method. Addition-
ally, the student works with a practicing profes-
sional at a school site. This course requires
non-credit field placement experience.

ED 3780. Teaching Secondary School
Business Education (3)
Students explore and analyze a variety of
approaches to the teaching of business education
courses at the high school level. A major focus is
upon the development of curriculum, teaching
materials and learning activities appropriate to the
business education curriculum. The integration of
business education into the total school curriculum
is also emphasized and experience is provided
through on-campus demonstrations and visits to
local school classrooms. Students develop an origi-
nal plan of study for one of the business education
areas during the course of the semester and they
develop the ability to create and evaluate curricu-
um. The course requires non-credit field place-
ment experience.

ED 4010 (ED 6010). Foundations of
Education (3)
The purpose of this course is to highlight the inter-
pretive, normative, and critical perspectives on edu-
cation. Construing education broadly to include
both school and non-school enterprises, the course
aims to deepen students’ awareness of the social
context and social implications of various educa-
tional activities. The course draws largely from the
disciplinary lenses provided by the social sciences
and the humanities, encouraging students to
develop their capacities to examine, understand,
and evaluate educational policies and practices.
(This course also meets the required Foundations of
Education course for students in the communication
sciences and disorders program.)

ED 4020 (ED 6020). Fundamentals of
Literacy Learning (3)
This course examines the process of lifelong literacy
from birth to adulthood. In-depth reading and
writing instruction on strategies used by proficient
readers are developed to help students gain success
in their meaning-making ability and to become lin-
guistically empowered. Diverse forms of literacy
are investigated. An inquiry based approach to
content areas focuses on using the four language
cuing systems to transact meaning by reading,
writing, speaking, listening, mediating, and view-
ing. This approach is presented within the context
of how to build a community of literate learners in
today’s society through a literature-rich reader’s
and writer’s workshop. (This course also meets the
required reading course for students in the communi-
cation sciences and disorders program.) Concurrently
with ED 4021 for Elementary Education majors
only.

ED 4021. Literacy Practicum (1)
Students focus on assessing and teaching various
reading/writing instructional strategies through a
supervised classroom experience. Classroom
opportunities for developing and implementing
appropriate literacy activities with individual, small,
and large groups are incorporated. Preservice teach-
ers receive on-going guidance in the components of
their reading curriculum, e.g., independent read-
ing, guided reading, book talks, word study, and
reading aloud. Concurrently with ED 4020 for
Elementary Education majors only.

ED 4030 (ED 6030). Technology and
Education: Applications and Implications (3)
This course introduces students to the practical
applications of computer technology in education.
Students will develop proficiency with a wide range
of software applications and examine and evaluate
educational software programs. Emphasis is placed
on the use of the Internet in the classroom. Stu-
dents will also examine emerging information tech-
nologies that show promise in the field of educa-
tion and explore how these technologies might be
of assistance in meeting the needs of diverse learn-
ers. Students will examine the requirements for the
pre-service electronic teacher education portfolio
and use software programs to create the framework
for their portfolio.
ED 4400. Assessing Literacy Development and Teaching Struggling Readers (3)
Students learn to assess literacy development of elementary grade students using a variety of authentic assessment techniques, including informal reading inventories, retellings, running records, and miscue analysis. They also evaluate standardized and criterion referenced tests for reading and language arts in elementary grades. Students learn how and when to use instructional strategies to help elementary grade students develop fluency, comprehension, and word analysis strategies (including phonics) in appropriate contexts. Prerequisite: ED 4020 and ED 4021. Corequisite: ED 4411.

ED 4411. Practicum in Assessing Literacy Development and Teaching Struggling Readers (2)
Students engage in continuous assessment and diagnostic teaching with struggling readers in small, guided reading groups. Instructional strategies to develop fluency, and to use strategies for word analysis and comprehension are taught in context of reading leveled texts. Corequisite: ED 4400.

ED 4600. Teaching the Language Arts (3)
Students receive both a theoretical and practical background in language learning and its connections to literacy acquisition. The course focuses on the elements in a language arts program. Particular emphasis is placed on integrating language arts into the total elementary school curriculum by examining the process of developing effective communication skills and integrating content areas. Students develop a unit of study that addresses the development of children’s language and thinking skills, written communication and grammar, listening and speaking skills, spelling and handwriting. This course requires non-credit field placement experience that provides for implementation and assessment of the student’s unit.

ED 4800. Student Teaching in the Elementary School (10)
Students serve as interns in local elementary schools and work closely with cooperating teachers and university mentors for fourteen weeks to experience first-hand the responsibility for planning and implementing instruction in their major content field. Students initially observe, and then gradually assume responsibility for all classroom activities. The course is part of the Professional Semester. Corequisite: ED 4900. Fee.

ED 4900. Integrative Student Teaching Seminar: Classroom Planning, Management, and Assessment (4)
This course is taken in conjunction with the student teaching experience. A range of problems encountered by teachers (e.g., classroom management, authentic and standardized assessment, planning issues, professional ethics, etc.) is explored in a seminar setting. Corequisite: ED 4800 or ED 4850.

GE 3300. Introduction to Human Geography (3)
This course focuses on the basic concepts and skills of human geography. Interactions between people and their environments are studied as are the spatial locations and interrelationships of human institutions. The development of map skills and communication skills is emphasized.

PYED 3010. Educational Psychology (3)
Students consider psychological theories of learning and relate them to classroom practice. Particular attention is paid to the changing needs of learners from the early childhood through adolescent periods of development. Students are introduced to educational research, standardized testing, classroom management, motivation, and writing learning objectives. Classroom observations are required. Prerequisite: PY 1000.

PYED 3020. Psychology and Education of the Exceptional Child (3)
This course provides an introduction to special education populations and examines the effect of different handicapping conditions on learning. Methods of diagnosis and adaptation/accommodation of instructional methods are presented through case studies, observations and empirical research. Though the major focus of the course is on disabilities, attention is given to the needs of the gifted student as well. Classroom observations of diverse populations are required. Fulfills state certification requirements for teacher education. Prerequisite: PY 1000.

PYED 3430. Adolescent Psychology (3)
The developmental tasks of adolescence are explored, including puberty, identity formation, the influence of peers, schools, self-esteem, and problem behaviors. Cognitive, physical, emotional, and social development are examined. Emphasis is placed on theory and research as sources of knowledge. Current educational applications are investigated. Prerequisite: PY 1000 and sophomore standing (or consent of instructor).
ENGLISH

For the specific degree requirements for a Bachelor of Arts degree in English, please see the description of the program in the undergraduate section of the College of Arts and Sciences portion of this catalog.

A Bachelor of Arts degree in English (Writing track) and a minor in English (Writing track) are offered in the evening through the Evening Program of the School of Graduate in cooperation with the College of Arts and Sciences.

NONPROFIT LEADERSHIP STUDIES (NP)

Program Director    Amy Mulligan, M.S.A., M.I.H.E.

Organizations that are neither government nor business are often referred to as nonprofit organizations. These organizations, including social service agencies, hospitals, environmental groups, colleges, museums, churches, art groups, and youth agencies (to name a few), comprise the nonprofit, voluntary or third sector. This sector continues to grow in both numbers and influence. In the United States, more than two million organizations, including more than 4000 in Kansas City alone, exist and need educated and dedicated professionals to lead them.

Rockhurst’s Nonprofit Leadership Studies program provides graduates with the foundation and professional development competencies that contribute to successful careers and leadership roles within nonprofit organizations. Emphasis is placed upon the practical day-to-day application of such skills through service learning and an internship program. Professionals currently employed in nonprofit organizations teach many of the courses, bringing their valuable experiential knowledge to the classroom. The Nonprofit Leadership Studies program is available in the evening for students’ convenience.

Through the School of Graduate and Professional Studies, Rockhurst University offers:

• A major in Nonprofit Leadership Studies (awarded as Bachelor of Arts degree);
• A minor in Nonprofit Leadership Studies;
• An undergraduate program leading to an American Humanics Certificate (awarded by American Humanics, Inc., a national alliance of colleges, universities and non-profit organizations dedicated to educating, preparing and certifying professionals to strengthen and lead nonprofit organizations).

Major Field of Concentration

The B.A. with a major in Nonprofit Leadership Studies is a multidisciplinary degree earned from the Evening Program of the School of Graduate and Professional Studies. The degree requires 128 semester hours, including a combination of courses from Rockhurst’s liberal core, social science, business, and nonprofit leadership. A 300-hour internship with a nonprofit organization is also required.

The major is designed to develop students’ understanding of the nonprofit sector, the role of meeting human needs, the diversity of groups in society and the skills necessary to
serve in leadership roles in nonprofit organizations. Students meet these competencies through coursework as well as hands-on learning through service work in the community and an internship with a nonprofit organization.

The B.A. in Nonprofit Leadership Studies requires three hours of lower division coursework, including NP 1110, and 18 hours of upper-division nonprofit leadership coursework, including NP 3000, NP 3020, NP 3050, NP 3060, NP 3070, and NP 3090. Additionally, a student must complete six hours of upper-division, department-identified, Organization and Communication courses; three hours of upper-division, department-identified Human Development and Community courses; and 12 hours of related upper-division courses. An internship, taken as NP 4970 over one semester or NP 4971 and NP 4972 over two subsequent semesters, is also required.

A grade of C or better is required in each upper-division course of the major. (A grade of C- will not fulfill the requirement.) This includes all upper-division courses in Nonprofit Leadership Studies, Organization and Communication, Human Development and Community, and the minimum 12 related upper-division hours.

**Minor Field of Concentration**

Students with any major may earn a minor in Nonprofit Leadership Studies. The minor in Nonprofit Leadership Studies requires three hours of lower-division coursework, including NP 1110. Additionally, the minor requires 15 hours of upper-division Nonprofit Leadership coursework, including NP 3060 and the student’s choice of four of the following courses: NP 3000, NP 3020, NP 3050, NP 3070, or NP 3090.

A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not fulfill the requirement.)

**The Certificate in American Humanics**

Rockhurst University is one of 70 colleges and universities affiliated with American Humanics, Inc., a nationally recognized program headquartered in Kansas City. The mission of American Humanics is to educate, prepare and certify professionals to strengthen and lead nonprofit organizations. National Nonprofit Partner Agencies such as the American Red Cross, Big Brothers Big Sisters, Boys and Girls Clubs, Boy Scouts of America, Girl Scouts USA, United Way and the YMCA represent an excellent job market for people who wish to work in the social sector.

The American Humanics program at Rockhurst requires students to complete a three hour lower-division course, NP 1110, and 15 hours of upper-division credit, including NP 3060, and their choice of four of the following courses: NP 3000, NP 3020, NP 3050, NP 3070 and NP 3090. Additionally, the program requires students to perform at least 300 hours of internship work by enrolling in NP 4970 (if completing their internship in one semester) or NP 4971 and NP 4972 (if completing their internship in two subsequent semesters). These courses are available at Rockhurst in the evening.

Students must also attend at least one American Humanics Management Institute (an annual national conference held each January) and participate in the campus student organization. These activities help students gain experience in program planning, governance and fund raising, polish their skills and become acquainted with career possibilities in the nonprofit sector.

The certificate is open, and a perfect complement, to any major. It is awarded by American Humanics, Inc., upon completion of a bachelor’s degree.
Course Descriptions

NP 1110. Introduction to Nonprofit Organizations
(3)
The course is designed to provide a historical and current overview of America’s “third” sector (the not-for-profit sector), help students identify and explore social welfare issues, and understand the role of nonprofit organizations in a democratic society. A service-learning project will allow students to apply theories to a real-world situation and reflect on their work and issues that arise during the project.

NP 1970. Nonprofit Practicum
(1)
A supervised, 50-hour volunteer placement with a nonprofit agency. The practicum experience provides an ideal opportunity for students to gain skill and knowledge in areas not possible through other course work and co-curricular activities. Reflection activities enable the student to process the experience and connect fieldwork with curricular concepts and themes. Prerequisite or concurrent: NP 1110 and instructor approval.

NP 3000. Administration of Nonprofit Organizations
(3)
A comprehensive analysis of the role and function of a professional in the management process of a human service agency. Management, administration and supervision skills and techniques are assessed for agency operations in the area of planning, legal issues, including ethics and risk management, staffing, personnel selection and policies, volunteer committees, executive board, community relationships and fundraising. Prerequisite or concurrent: NP 1110.

NP 3020. Marketing for Nonprofit Organizations
(3)
A study of the fundamentals of marketing in a nonprofit setting through readings, class lectures and discussion, and a service learning project. Students learn essential elements of effective organizational marketing; these fundamentals are then applied in a real life setting as teams of students develop a marketing plan for a nonprofit. Educational outcomes include the development of marketing goals and position statements, the conducting of a marketing audit, development of marketing and promotion plans, and the design of market research plans. Prerequisite or concurrent: NP 1110.

NP 3050. Fundraising for Nonprofit Organizations
(3)
An introduction to the principles of philanthropy and fundraising which apply to the management of a nonprofit agency. Knowledge of the sources of philanthropic gifts, causes that receive support, motivations that influence giving, the elements of a case for support, the essentials of strategic planning and the construction of budgets and related fund raising targets. Emphasis is placed upon the human behavior aspects of philanthropy and volunteerism. Prerequisite or concurrent: NP 1110.

NP 3060. Financial Management for Nonprofit Organizations
(3)
Understanding the basic concepts of funding streams, budgeting and financial statement analysis is essential to building and maintaining a strong organization. This course examines the principles and practices of financial and managerial accounting in nonprofit organizations. It is designed to teach students how to use financial information in the management of nonprofit organizations. Prerequisite or concurrent: NP 1110.

NP 3070. Community Engagement
(3)
A study of communities and the role of nonprofit organizations and individuals in those communities. This course explores how leadership for service can improve the quality of life and economic vitality of communities. Case studies and service project activities enable the student to engage in professional practice. Prerequisite or concurrent: NP 1110.

NP 3090. Volunteer Management and Program Planning for Nonprofit Organizations
(3)
Designed to introduce theories, research and practices for designing and implementing nonprofit organizational programs and activities, and managing volunteers who lead, manage and fund them, the course provides students with basic skills and knowledge needed to assume roles as volunteer program leaders and managers. The course also explores the motivations and behaviors of volunteers and nonprofit personnel. Additionally service-learning projects enable students to apply theoretical concepts in the field and reflect on their implications on professional practice. Prerequisite or concurrent: NP 1110.

NP 4970. Professional Field Experience
(3)
A supervised, 300-hour internship with a nonprofit organization that is completed in one semester. The internship provides the student an opportunity to apply classroom knowledge to the work world; develop valuable contacts in the field; analyze his or her commitment to the field; identify technical and/or theoretical competencies that need further development; and assume professional responsibilities for substantive tasks. Prerequisite or concurrent: NP 1110 and instructor approval.
NP 4971. Professional Field Experience (1)
The fulfillment of the first 100 hours of a supervised, 300-hour internship with a nonprofit organization that is completed in two subsequent semesters. The internship provides the student an opportunity to apply classroom knowledge to the work world; develop valuable contacts in the field; analyze his or her commitment to the field; identify technical and/or theoretical competencies that need further development; and assume professional responsibilities for substantive tasks. Prerequisite or concurrent: NP 1110 and instructor approval.

NP 4972. Professional Field Experience (2)
The fulfillment of the last 200 hours of a supervised, 300-hour internship with a nonprofit organization that is completed in two subsequent semesters. The internship provides the student an opportunity to apply classroom knowledge to the work world; develop valuable contacts in the field; analyze his or her commitment to the field; identify technical and/or theoretical competencies that need further development; and assume professional responsibilities for substantive tasks. Prerequisite: NP 4971 and instructor approval. Prerequisite or concurrent: NP 1110.

ORGANIZATIONAL COMMUNICATION AND LEADERSHIP

For the specific degree requirements for a Bachelor of Arts degree in Organizational Communication and Leadership, please see the description of the program in the undergraduate section of the College of Arts and Sciences portion of this catalog.

A Bachelor of Arts degree in Organizational Communication and Leadership is offered in the evening through the Evening Program of the School of Graduate and Professional Studies in cooperation with the College of Arts and Sciences.

PARALEGAL STUDIES (PA)

Coordinator Tamara Ewing, J.D.

Paralegal Studies Certificate and Minor

This undergraduate certificate program is offered for career enhancement and to assist individuals in meeting entry-level requirements. It is designed to provide students with a program of concentrated studies to enhance professional skills. The certificate is awarded after the successful completion of 18 credit hours.

In 1974 Rockhurst began one of the first paralegal programs in the United States and has conferred more than 600 certificates. Courses are designed as preparation for paralegals, legal administrators, and others who work or plan to work in law offices, court, corporations, government agencies, bank trust departments, and insurance claim offices.

Carefully structured courses are taught by practicing attorneys with expertise in specialized areas of law. Presentations by paralegal guest speakers illustrate and explain practical application skills. College graduates with specialized training in Paralegal Studies are projected to have promising career opportunities.

The certificate and minor are available in the evening through the Evening Program of the School of Graduate and Professional Studies.

Minor In Paralegal Studies

Students pursuing a degree at Rockhurst have the option of minoring in paralegal studies. This option provides students with an additional professional credential: a Certificate in Paralegal Studies. As the profession has become increasingly more recognized and diversi-
fied, paralegals with a variety of skills and backgrounds are being sought. Therefore, both the certificate and the minor in paralegal studies are complementary to a wide range of majors.

The courses required for completion of the minor are PA 2000, PA 3100, PA 3600, PA 4000, and two three-credit, upper-division paralegal electives from the following: PA 3200, 3300, 3700, 3750, 3800. A grade of C or better is required in each upper-division course of the minor. (A grade of C- will not satisfy the requirement.) The minor must be combined with a bachelor’s degree program of study.

Certificate in Paralegal Studies
Students preparing for a paralegal career will be awarded a Certificate in Paralegal Studies after successfully completing a minimum of 18 credit hours of coursework with a grade of C or better: four required courses (PA 2000, PA 3100, PA 3600, PA 4000), and a minimum of six credit hours of elective paralegal courses. (A grade of C- will not satisfy the requirement.) Courses may be applied as electives toward a bachelor’s degree at Rockhurst University.

Evening classes are held once a week (twice a week in the summer term). One-credit-hour courses are offered each semester in specialized areas such as contract law, legal ethics, labor and employment law, and are taught in a convenient weekend format.

Admission to the program requires a minimum of a high school diploma or equivalent. Students with previous college work should request that an official transcript be sent to the Office of Admission and Financial Aid.

Course Descriptions

PA 2000. Legal Theory and Practice (3)  
Fall and Spring semester  
This class provides students with an introduction to the American legal system, the procedures used to solve legal disputes in the court systems and the steps in planning for a career in law. Students have an opportunity to survey a variety of substantive areas of law (i.e. property, employment, torts, contracts, criminal law, and alternative dispute resolution). Legal method and reasoning are demonstrated through student writing assignments in case analysis and opinion briefs.

PA 3100. Business Organization (3)  
Fall semester  
The structure and organization of legal business entities with emphasis on the role of the lawyer and legal assistant in the formation of various business organizations. Prerequisite or concurrent: PA 2000.

PA 3200. Real Estate Law (3)  
Laws relating to real property and the common types of real estate transactions and conveyances. Prerequisite or concurrent: PA 2000.

PA 3300. Estate Planning and Probate Administration (3)  
Prepares the student to assist practicing attorneys with problems associated with planning for efficient use of financial resources during working life, retirement, and after death of the principal income producer. Prerequisite or concurrent: PA 2000.

PA 3500. Legal Ethics and Professional Responsibility (1)  
An overview of the issues and rules that govern ethical practice in the legal profession, oriented to paralegals. Through lecture and small group participation, the class focuses on the areas of confidentiality, conflicts of interest, zealous representation, competence, unauthorized practice of law, administration of client funds, advertising legal services, and selected issues in specialized practice.

PA 3510. Women and the Law (1)  
A survey and analysis of case opinions affecting the economic, political and social lives of women. The course focuses on issues related to gender-based discrimination, constitutional, and statutory provisions concerning women and employment, reproductive rights, and educational opportunities.

PA 3520. Contract Law (1)  
An overview of the law of enforceable promises. Lectures and small group exercises focus on the elements of contract formation, performance, breach and calculation of damages.

PA 3550. Labor and Employment Law (1)  
An overview of labor law and legal issues in the workplace concerning employers, employees and unions. The historical context of unions and the
role they have played in the legal regulation of the workplace is discussed. Federal laws and regulations and the roles and structures of administrative agencies is emphasized. Additional topics include workplace discrimination, organizing, negotiation, employment-at-will, wage and hour laws, and safety laws.

**PA 3570. Evidence Law** (1)
This course covers the Federal Rules of Evidence and correlated Kansas rules of evidence, and Missouri evidence law, with special emphasis on preparation of documentary evidence, including depositions, for use at trial. In addition to lecture, students participate in a variety of small-group activities designed to explore the issues of relevance, impeachment of testimony, hearsay, and issues related to the introduction of exhibits into evidence at trial.

**PA 3580. Elder Law** (1)
The course focuses on issues confronted by senior citizens and reviews possible legal remedies. Through lecture and small group participation, the class covers the areas of Social Security; Medicare; health care decision-making; wills; guardianship; housing; consumer fraud; and abuse and neglect of the elderly. The perspective taken is that of a paralegal advocate.

**PA 3590. Alternative Dispute Resolution** (1)
The course focuses on mediation, arbitration, and other forms of alternative dispute resolution (ADR) and how such procedures can be applied in tort, business, employment, and other types of civil disputes. Also examined will be the growing use of pre-dispute ADR clauses in contracts involving employment, financial, and other business contexts. The perspective taken will be that of both the advocate and the neutral person in ADR.

**PA 3600. Litigation and Trial Practice** (3)
*Fall and Spring semester*
Analysis of state and federal court systems, types of litigation, preparation of pleadings and discovery documents, trial procedures, post-trial remedies, and appeals. Prerequisite or concurrent: PA 2000.

**PA 3700. Introduction to the Criminal Justice System** (3)
Develops a familiarity with the criminal justice system in the United States. Prerequisite or concurrent: PA 2000.

**PA 3750. Tort Law** (3)
Tort Law, as defined in Black’s Law Dictionary, is “a private or civil wrong or injury, other than breach of contract, for which the court will provide a remedy in the form of an action for damages.” This course provides a general understanding of the basic concepts and fundamental elements of tort law, including intentional torts, elements of negligence, strict liability, and discussion of common personal injury cases. Prerequisite or concurrent: PA 2000.

**PA 3800. Domestic Relations** (3)
Acquaints the student with the legal problems involved in domestic relations pertaining to a separation, divorce, child custody, adoption, and non-support. Prerequisite or concurrent: PA 2000.

**PA 4000. Legal Research** (3)
*Fall and Spring semester*
An in-depth examination of the law library; survey of traditional print reference materials as well as electronic sources available in determining applicable law. The process of legal research and writing of memoranda and results of legal research are also explored. Prerequisite: PA 2000.

**PA 4100. Advanced Legal Research** (1)
This course is designed to reinforce and build upon the skills developed in PA 4000. Particular emphasis focuses on four main subject areas which are characterized by rapid expansion in relevant legal materials and integration of all forms of primary authority. Prerequisite: PA 4000.

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**Physical Education (PE)**

*(Department of Education)*

*Athletic Director* Frank Diskin, M.S.

The specific aims of the Physical Education area are to: 1) increase understanding of the value and role of physical activity as an important dimension of the human condition; 2) develop performance skills in certain physical activities; 3) encourage, through satisfying learning experiences, the participation habit; and 4) develop leadership competency in sports activities.

Many offerings are available as electives for students interested in broadening their
knowledge of health, exercise, fitness and sports activities, especially those which provide life-long enjoyment.

Course Descriptions

PE 0050. Practical Physical Education: Personal Fitness (1)
This course is designed to enhance the student’s personal physical fitness level and understanding about an aspect of fitness. Prior to the course start, the student will meet with the instructor to establish a contract outlining activities. The student performs a minimum of two hours of physical activity per week, keeping a worksheet with details of the exercise. The worksheet is reviewed weekly by the instructor. Fitness activities may include any one or a combination of individual sports, team sports, aerobic training, and strength training. Students will also research and write a paper on an aspect of fitness. (Activity course.)

PE 1090-1120. Sports Skills (1)
These courses provide an analysis of the skills necessary to perform each sport. The student must demonstrate proficiency in the following: PE 1090 Power Volleyball (men only); PE 1100 Handball and Racquetball; PE 1110 Badminton and Tennis; PE 1120 Volleyball and Archery. (Activity course.)

PE 1130. Basic Skills in Minor Sports: Lifetime Sports (2)
Designed to teach the value of those sports which enhance lifelong physical fitness, this course includes racquetball, handball, tennis, swimming, walking, jogging, hiking, horseshoes, weight lifting, etc. A combination of field and class activities comprise this course.

PE 2170. Officiating (2)
Concerned with the general principles, guiding philosophy, techniques and mechanics of sports officiating. A certification test in officiating is available.

PE 2250. Historical and Philosophical Foundations of Physical Education (2)
This course provides the student with an historical perspective of physical education as well as an exploration of its present and future. It aids the student in developing a personal philosophy of physical education through a study of various philosophic systems of thought. (Course will not be offered after Summer 2007.)

PE 2260. Socio-psychological Aspects of Physical Education (2)
Behavior exhibited in the learning of skills and physical performance as it relates to the sociological and psychological concepts are studied in relation to the specific demands of physical education. Motivation, stress, anxiety, and frustration are included in this area. Group and individual activities and conflict in sport are analyzed. The effect of sport on society is also included. (Course will not be offered after Summer 2007.)

PE 2300. Softball (2)
Spring semester
Designed to teach the theory and practice of the game and principles of coaching. It is conducted for students who are members of the varsity softball squad only. (Activity course.)

PE 2310. Soccer (2)
Fall semester
Designed to teach the theory and practice of the game as well as the principles of coaching. This course is conducted for students who are members of the varsity soccer squad only. (Activity course.)

PE 2320. Basketball (2)
Spring semester
Designed to teach the theory and practice of the game and principles of coaching. It is conducted for students who are members of the varsity basketball squads only. (Activity course.)

PE 2330. Softball (2)
Spring semester
Designed to teach the theory and practice of the game and principles of coaching. It is conducted for students who are members of the varsity softball squad only. (Activity course.)

PE 2340. Volleyball (2)
Fall semester
Designed to teach the theory and practice of the game and principles of coaching. It is conducted for members of the varsity volleyball team only. (Activity course.)

PE 2350. Baseball (2)
Spring semester
Designed to teach the theory and practice of the game and principles of coaching. This course is conducted for students who are members of the varsity baseball team only. (Activity course.)

PE 2360. Tennis (2)
Spring semester
Designed to teach the theory and practice of the game and principles of coaching. It is conducted for students who are members of the varsity tennis squads only. (Activity course.)

PE 2370. Varsity Golf (2)
Spring semester
Designed to teach the theory and practice of golf. This course is conducted for students who are members of the golf team only. (Activity course.)

PE 2440. Health, First Aid, CPR and Safety (2)
A Red Cross-certified course in CPR. Techniques of CPR and first aid are demonstrated and practiced for choking victims. First aid techniques, health and safety habits are studied with a special emphasis on elementary school age children. Lab fee.
PE 2441. Basic Sports Medicine (3)
Course directed toward students who wish to coach or be involved in some other aspects of athletics and sports medicine in their future. Coursework would include topics such as injury prevention, injury management, injury recognition, taping techniques, wrapping techniques, and basic administration concerns in sports medicine. Prerequisite: BL 2830 or BL 2930 or BL 3400. (Course will not be offered after Summer 2007.)

PE 2455. Principles in Strength and Conditioning (3)
Course aimed at the education student or any other student who wishes to go on to coach or have a career in the health and fitness industry. The course will cover topics related to the basic scientific principles behind various types of exercises and conditioning, such as plyometrics, sports loading, speed training, and free weight and general strength training. The concepts of periodization, workout planning, lifting techniques, and evaluation and testing will be covered. Prerequisite: BL 2830 or BL 2930 or BL 3400.

PE 2460. Kinesiology (3)
An analysis of certain motor skills based on study of muscular system. This course explores body movement in terms of muscle action and its application to various physical education activities and sports involvement. (Course will not be offered after Summer 2007.)

SOCIOLOGY

Sociology is a behavioral science that is concerned with human society and social behavior. Sociologists study human interaction and seek to discern the "laws" which underlie human behavior. In other words, sociologists try to explain why humans behave as they do and why society functions as it does. Sociology differs from psychology in that the emphasis is on the social rather than individual behavior. Sub-fields of sociology include medical sociology, criminology, mental illness, social psychology, social class, urban sociology, the sociology of death, compulsive and addictive behavior, marriage and family, and almost anything else that involves human behavior.

A Bachelor of Arts degree in sociology can be completed in its entirety during the day. The coursework required for the degree, the sociology minor, and the certificate program in Medical Sociology and Health Care Administration is also available in the evening through the Evening Program of the School of Graduate and Professional Studies. For complete descriptions of the major, the minor, and the certificate program, refer to the Department of Sociology in the Arts and Sciences section of this catalog.

PE 2810. Theory of Football (2)
A complete study of the theoretical aspects of the fundamentals of football. Students study defensive and offensive tactics for each position, organization of teams, scheduling and training.

PE 2820. Theory of Basketball (2)
Concerned with theory of basketball, including methods of teaching fundamentals, individual and team offense and defense. It explores various styles of play and methods of training and evaluating candidates.

PE 2830. Theory of Volleyball and Softball (2)
Concerned with the theory of volleyball and softball, including offense, defense, teaching fundamentals and strategy.

PE 2850. Theory of Golf and Tennis (2)
Theory and practice with an analysis of strokes. Course includes the fundamentals and techniques of playing as well as methods of coaching. Tournaments are included in the season.

PE 2860. Theory of Baseball (2)
Concerned with the theory and practice of baseball, including teaching fundamentals of offense, defense, and pitching. Includes the techniques of play, methods of training and evaluating players, and methods of coaching.
SPORTS SCIENCE (SSC)

Program Director

The Bachelor of Science in Sports Science will be offered beginning Fall 2007.

Bachelor of Science in Sports Science
The B.S. in Sports Science is an interdisciplinary program offered during the day. The major requires the successful completion of no less than 128 semester credit hours, which includes an internship. The length of internship varies from track to track, with all students completing a one credit hour practicum experience involving a minimum of 100 contact hours. The program has two tracks: Health and Wellness and Sports Administration.

Sports Science-Health and Wellness Track
This track prepares graduates for careers in areas such as personal training in sports and fitness clubs, rehabilitation (e.g. in nursing homes, medical rehabilitation units), and corporate wellness. Students who wish to pursue graduate degrees in either occupational therapy or physical therapy at Rockhurst University may have satisfied prerequisites for these programs with completion of this track, depending on the program. (See note below.) Students in this track complete a practicum at a health or fitness facility.

Lower-division Requirements
BL 1250/1251 General Biology I & Lab 4
BL 1300/1301 General Biology II & Lab 4
PE 1130 Lifetime Sports 2
PH 1700/1710 Physics Concepts & Connections I & Lab 4
PY 1000 Introduction to Psychology 3
CH 2610 General Chemistry I & Lab 4
PY 2100 or BUS 2200 Statistics 3

Note: Students planning to apply to the Physical Therapy Program should also take:
CH 2630 Chemistry II with a lab 4
PH 1750/1760 Physics Concepts & Connections II & Lab 4

Major Courses
*SSC 3200 Historical & Philosophical Foundations of PE/Sports Science 2
*SSC 3300 Kinesiological Concepts 3
*SSC 3500 Intro to Exercise Physiology 3
*SSC 3700 Socio-psychological Aspects of PE/Sports Science 2
*PY 3700 Health Psychology 3
SSC 4200 Motor Development, Motor Learning & Adapted PE 4
*SSC 4300 First Aid, CPR & Basic Care of Sports Injuries 3
*SSC 4500 Health: Wellness, Fitness, & Nutrition 4
*SSC 4900 Practicum in Sports Science 1

25
Related Upper-division Coursework
BL 3400/3401 Comparative Vertebrate Anatomy & Lab 4
BL 3700/3701 General Physiology & Lab 4
PY 3400 Developmental Psychology 3
PY 3550 Abnormal Behavior 3

Sports Science-Sports Administration Track
Administration of sports teams requires knowledge of general athletics, but also demands that the individual have skills in administration. Graduates of this track are prepared for positions such as sports marketer, sports administrator, and recreational business or facilities administrator by combining the Sports Science major with a business minor through Rockhurst’s Helzberg School of Management. A practicum experience in sports administration is required. Students in this track may opt to complete the Rockhurst Fifth-Year MBA Option.

Lower-division Requirements
BL 1250/1251 General Biology I & Lab 4
BUS 1800 Microcomputer Applications 3
PE 1130 Lifetime Sports 2
PY 1000 Introduction to Psychology 3
BL 2930/2931 Human Anatomy & Physiology I & Lab 4

Major Courses
*SSC 3200 Historical & Philosophical Foundations of PE/Sports Science 2
*SSC 3300 Kinesiological Concepts 3
*SSC 3500 Introduction to Exercise Physiology 3
*SSC 3700 Socio-psychological Aspects of PE/Sports Science 2
*SSC 4300 First Aid, CPR & Basic Care of Sports Injuries 3
*PY 3700 Health Psychology 3
*SSC 4500 Health: Wellness, Fitness, & Nutrition 4
*SSC 4900 Practicum in Sports Science 1

Related Upper-division Coursework
Business Administration Minor:
AC 4500 Principles of Accounting 3
EC 4500 Applied Quantitative Methods 3
EC 4550 Principles of Economics 3
FN 3000 Essentials of Finance 3
MIS 3100 Management Information Systems 3
MK 3000 Principles of Marketing 3

* Denotes upper-division courses required by all Sports Science majors regardless of track.

For both tracks, a grade of C or better is required in each upper-division course of the major. (A grade of C- will not satisfy the requirement.)
Course Descriptions

SSC 3200. Historical and Philosophical Foundation of Physical Education/Sports Science  (2)
An analysis of philosophical concepts related to play throughout history, and the role of leisure and recreation in modern society are explored. Theories underlying current practices are analyzed and future implications considered. Career opportunities within the field are also investigated.

SSC 3300. Kinesiological Concepts  (3)
Structural and functional components of human anatomy including musculoskeletal origins, insertions, actions and innervations will be examined. Related introductory medical terminology and basic biomechanical principles are included. Movements in various sports activities will be analyzed to identify which muscles individually and collectively act to create motion. An introduction to basic measurements and evaluations such as goniometry and group manual muscle testing will be included. Prerequisite: BL 1250, BL 1251.

SSC 3500. Introduction to Exercise Physiology  (3)
The immediate and long-term effects of exercise on the body will be examined, including the impact on various body systems, nutrition and weight management. Measurements used to evaluate fitness such as aerobic capacity testing and determination of body composition will also be included. Prerequisite: BL 1250, BL 1251.

SSC 3700. Socio-psychological Aspects of Physical Education/Sport Science  (2)
This course includes a survey of current literature regarding sociological and psychological factors affecting athletic performance, social systems controlling sports, and group dynamics in sports in relation to both participants and spectators.

SSC 4200. Motor Development, Motor Learning, and Adapted Physical Education  (4)
Motor development from birth to old age will be introduced, as will current concepts of motor learning. Students will then apply this knowledge to activities encountered in traditional school-based physical education programs and common lifetime sports. Students will also analyze how best to adapt these activities for individuals with special needs. Prerequisite: PE 1130, SSC 3300, SSC 3500.

SSC 4300. First Aid, CPR and Basic Care of Sports Injuries  (3)
A Red Cross-certified course in CPR is completed. First aid techniques are demonstrated and practiced. Basic prevention and management techniques such as taping, wrapping, whirlpool and thermal modalities are reviewed. Prerequisite: SSC 3300; and BL 2930 and BL 2931 or BL 3400 and BL 3401.

SSC 4500. Health: Wellness, Fitness, and Nutrition  (4)
Students study topics related to health promotion and wellness including nutrition and physical fitness for both healthy and special populations. The role of culture and personal choice will also be examined. This course includes a lab component wherein the student analyzes another individual’s fitness, then develops and supervises a fitness program. Prerequisite: SSC 3300, SSC 3500.

SSC 4900. Practicum in Sports Science  (1)
Sports Science majors in the business or health tracks participate in an internship at a business or health-related agency. Students serve a minimum of 100 hours at the agency. Students complete weekly reports and participate in problem-solving assignments at the agency. Students may shadow their supervisor and/or assist with client care. Students should contact the program director the semester prior to taking the practicum, which is typically completed during the last semester of the program. Students must have a cumulative GPA of 2.0 and a 2.0 GPA in the major before proceeding in the practicum. Prerequisite: Senior standing; instructor approval.
**CERTIFICATE PROGRAMS**

The following certificate programs are offered through the School of Graduate and Professional Studies. Please refer to the catalog sections noted for additional information.

- **Bilingual Emphasis for Communication Sciences and Disorders**  
  See Communication Sciences and Disorders Undergraduate section.

- **Bilingual Track for Communication Sciences and Disorders**  
  See Communication Sciences and Disorders Graduate section.

- **Medical Sociology and Health Care Administration Certificate**  
  See Sociology in the College of Arts and Sciences section.

- **Paralegal Studies Certificate**  
  See Paralegal Studies.

- **Pre-Medical Post Baccalaureate Certificate**  
  See below.

- **Writing**  
  See English in the College of Arts and Sciences section.

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**PRE-MEDICAL POST-BACCALAUREATE CERTIFICATE PROGRAM**

The Pre-Medical Post Baccalaureate Certificate Program is intended for those students who have completed a baccalaureate program, usually in a non-science area, and who now desire to come back to complete their science requirements for medical school. This program is applicable to those preparing for either allopathic (MD) or osteopathic (DO) medical schools. It is also appropriate as preparation for other health careers, e.g., dentistry. The requirements do not differ.

This program is not intended as a remedial program for students who have taken all of the required courses and need to improve their grades. It is not an “MCAT prep” course.

The applicant will be a strong student, one who will probably be competitive in a medical school application. Therefore, one’s collegiate grades are generally B or better. There are no strict cut-off grades for admission to the program. Rockhurst prides itself on individual attention to each student; hence many factors will go into one’s acceptance into this certificate program. This program has great flexibility.

The Admissions Committee and the Pre-Medical Advisory Committee review applications throughout the year. Students are informed by mail shortly after the decisions are made. An interview is not required, though it may be desired.
The prospective student must supply the following before the application can be acted on:

1. Completed application form.
2. Official transcripts from all previous colleges, and ACT or SAT scores.
3. Application fee of $25.
4. An essay explaining your intentions (not more than 500 words on the application).

Students who complete this program with satisfactory grades will be awarded a Certificate in Pre-Medical Sciences.

**Course requirements for the Certificate in Pre-Medical Sciences:**

- BL 1250/1251 General Biology I (or BL 1260/1261 Honors General Biology)
- BL 1300/1301 General Biology II
- BL 3400/3401 Comparative Vertebrate Anatomy
- CH 2610 General Chemistry I (or CH 2650 Honors General Chemistry)
- CH 2630 General Chemistry II
- CH 2710/2720 Organic Chemistry I
- CH 2730/2740 Organic Chemistry II
- MT 1800 Calculus I
- PH 2800/2810 General Physics I
- PH 2900/2910 General Physics II

These courses are required by virtually all medical schools and before taking the MCAT. Additional courses may be recommended, depending on the student's background and the requirements of a particular medical school.

Additional information concerning the program and an application for admission to the program may be obtained from:

**Office of Admission**
Rockhurst University
1100 Rockhurst Road
Kansas City, Missouri  64110-2561
(816) 501-4100 or 501-4097
1-800-842-6776
www.rockhurst.edu

Or email Graduate Admission directly at: graduate.admission@rockhurst.edu.
UNDERGRADUATE STUDIES IN THE
HELZBERG SCHOOL OF
MANAGEMENT

Academic Administration

Dean
James M. Daley, Ph.D.

Assistant Dean of Academic Affairs
Alfred G. Hawkins, Jr., Ph.D.

Assistant Dean of Assessment
& Strategic Planning
William E. Bassett, M.A.

Assistant Dean of Operations
& Administrative Affairs
Richard D. Graham, M.A.

Chair, Division of Decision Sciences:
Accounting, Economics, Finance,
& Production Operations Management
Cheryl McConnell, M.P.A., C.P.A.

Chair, Division of Management:
Management, Marketing, &
Management Information Systems
Craig M. Sasse, Ph.D.

Full-time Faculty

Associate Professor of Production &
Operations Management
Shahid Ali, Ph.D.

Director of Cohort Programs
Sylvia C. Dochterman, M.B.A.

Assistant Professor of Management
Ricard E. Downing, Ph.D.

Information Systems
Brian D. Fitzpatrick, Ph.D.

Professor of Finance
Laura E. Fitzpatrick, Ph.D.

Associate Professor of Economics
Myles P. Gartland, Ph.D.

Associate Professor of Marketing
Alfred G. Hawkins Jr., Ph.D.

Associate Professor of Accounting
Gail A. Hoover, Ed.D., C.P.A.

Professor of Finance
Jacob Kurien, Ph.D.

Associate Professor of Accounting
Thomas L. Lyon, Ph.D.

Assistant Professor of Management
Cheryl McConnell, M.P.A., C.P.A.

Professor of Economics
Mindi K. McKenna, Ph.D.

Cohort Programs
Gerald L. Miller, Ph.D.

Professor of Management
Patricia "Trish" Miller, Ph.D.

Associate Professor of Marketing
Keith B. Myles, Ph.D.

Professor of Finance
James E. Puetz, Ph.D.

Assistant Professor of Accounting
Sudhakar Raju, Ph.D.

Associate Professor of Management
Craig M. Sasse, Ph.D.

Associate Professor of Management
Randolph E. Schwering, Ph.D.

Associate Professor of Economics
Martin H. Stack, Ph.D.

Professor of Economics
Michael J. Stellern, Ph.D.

Professor of Accounting
Michael M. Tansey, Ph.D.

Associate Professor of Accounting
Anthony L. Tocco, Ph.D.

Assistant Professor of Marketing
David B. Vicknair, D.B.A., C.P.A.

Joel Watson, Ph.D.
Helzberg School of Management Vision, Mission, and Core Values

The Helzberg School of Management exists to prepare leaders to make a positive difference in the world. Our mission is to be the driving force in the community to educate and develop leaders of competence and conscience, based upon the Jesuit tradition of learning, leadership and service.

We will teach, practice, and be guided by:

- Reverence for dignity of the human person;
- Respect for the intellectual and spiritual aspects of education;
- Commitment to the community and its progress;
- Honesty, integrity, and ethics in every aspect of the educational endeavor; and
- Commitment to engaged learning and applied business interactions.

Program Overview

Since 1933, Rockhurst business education and leader development have been characterized by innovation and responsiveness to a changing environment. Significant “firsts” include Kansas City’s first co-educational business degree for working adults (1933), the city’s first part-time MBA program (1976) and first executive MBA program (1978), and participation in the Kansas City University of Medicine and Biosciences’ ground-breaking DO/MBA Dual Degree program featuring a Rockhurst MBA in Health Care Leadership (2001). For more than 70 years, Rockhurst has met the demand for competent, confident leaders with management skills necessary to lead successful organizations in dynamic, rapidly changing environments.

Helzberg School of Management (HSOM) undergraduate programs integrate a broad liberal arts-based education with focused study in specific areas, producing leaders of competence and conscience with the skills necessary to excel professionally and serve others meaningfully. Undergraduate degree programs provide excellent preparation for subsequent study in graduate or professional schools and further the Jesuit ideal of educating men and women for others. The Helzberg School of Management grants the Bachelor of Science in Business Administration (BSBA) and the Bachelor of Arts (BA). The BSBA is offered with a business administration major and concentrations in accounting, finance/accounting, finance/economics, international business, or marketing. The BA is offered in economics.

The Helzberg School of Management offers a part-time or evening Master of Business Administration (MBA), with focus areas in accounting, finance, health care leadership, international business, management, and marketing. A 30-hour “5th Year MBA Option” is available to Rockhurst graduates with either a BSBA or an 18-hour minor in Business Administration. Rockhurst BSBA students with a concentration in Accounting may use the 5th Year MBA Option to meet CPA exam requirements. For information on the evening MBA and the 5th Year MBA Option, please see Graduate Studies in the Helzberg School of Management in the Graduate Section of this catalog.

The Helzberg School of Management offers a unique focus on executive education within the greater Kansas City area through its executive program, the Executive Fellows MBA. As part of its commitment to lifelong learning within the Catholic, Jesuit tradition, the Helzberg School of Management also provides educational and developmental
programs for managers within the metropolitan area. For information on this program please see Graduate Studies in the Helzberg School of Management in the Graduate Section of this catalog.

**Undergraduate Studies in the Helzberg School of Management**

Quality in the educational experience is a hallmark of Catholic, Jesuit education. The undergraduate curriculum of the Helzberg School of Management is designed to integrate a broad liberal arts-based education with specialized study within a specific area, resulting in graduates who demonstrate both competence and conscience. The core curriculum is meant to shape the entire undergraduate experience, particularly in the integration of leadership, corporate social responsibility and ethics, information analysis, communication, and globalization. In a variety of classroom settings, students are confronted with “real world” choices in developing business and managerial skills which are relevant to the contemporary business environment.

A Helzberg School of Management degree provides excellent preparation for further study in graduate or professional schools, such as business and law, as well as providing skills for many professional fields. The degrees further the Jesuit educational ideal of educating men and women for others. The Jesuit educational mission emphasizes the combination of liberal and professional education to prepare individuals to be leaders in the contemporary world and to be lifelong learners.

**Bachelor of Science in Business Administration**

The purpose of the Bachelor of Science in Business Administration is to provide students with an education which will enable them to develop an understanding of both the business enterprise and the role of business as an institution in the modern world.

The basis for developing an appreciation of the role of business as a societal institution is provided by a broad knowledge of business: its history, its impact upon individuals, its economic importance and its social responsibilities. In addition, a full appreciation requires a knowledge of the various environments (financial, economic, technological, governmental, social and cultural, and global) within which firms must operate. An understanding of the complexities of problem solving and the ethical implications of managerial decision-making at the enterprise level is provided through knowledge of business fundamentals (accounting, economics, financial management, marketing, production and operations management) coupled with a knowledge of organizations and behavior in organizations. This broader business understanding provides the essential framework for further study within the concentrations.

The BSBA degree in business administration is also available in the evening through the Evening Program in the School of Graduate and Professional Studies (GPS). Contact the GPS academic advisor at 816-501-4062 for further information.

**Bachelor of Arts**

This degree is designed to extend the breadth of liberal arts study accomplished through the liberal arts core, and to provide students with an opportunity for further study in economics. The degree provides excellent preparation for further study in graduate or professional schools, such as business and law, as well as providing entry-level skills for many professional fields. The Helzberg School of Management seeks in this degree, as it does in all of its degrees, to further the Jesuit educational ideal of educating men and women for others.
Minor Areas of Study
The Helzberg School of Management offers minors in business administration and economics. The minor in business administration is available to all Rockhurst University majors not seeking a BSBA degree.

Admission
Undergraduate students are admitted to Rockhurst University by the Office of Admission and Financial Aid. Students who are interested in business degrees as freshmen and sophomores are advised in the Helzberg School of Management (HSOM) while they complete the liberal arts core requirements and BSBA prerequisites. Students are eligible to declare a major in the Helzberg School of Management upon completion of 60 semester hours with a minimum 2.0 grade point average. Students are encouraged to designate their interest in the BSBA and BA degrees as early as their freshman year. In order to file a declaration of major, students submit an unofficial transcript and declaration of major form (available from the Registrar) to the Helzberg School of Management Director of Academic Advising. Students must declare their concentration upon completion of 21 hours of HSOM coursework.

Transfer Students
The Helzberg School of Management welcomes transfer students. Students considering transferring to Rockhurst University from another institution should have their academic records evaluated by the Helzberg School of Management Director of Academic Advising to determine the transferability of courses. The Helzberg School of Management requires that at least 50 percent of the business credit hours required for the business degree be earned at Rockhurst University.

Academic Student Services
The Helzberg School of Management Director of Academic Advising assists students by providing information about degree programs, initial credit evaluations and course preregistration. Undergraduates must be advised every semester in order to preregister for classes. Full-time students are assigned faculty advisors in their major area of study. Part-time students are advised by the Helzberg School of Management academic advising staff in the Helzberg School of Management offices with faculty available to assist.

Goppert Cooperative Education Program (Co-op)
Helzberg School of Management students are eligible to participate in the Goppert Cooperative Education Program (Co-op). See section in “College Life.”

Curriculum Requirements
The Helzberg School of Management (HSOM) requires that at least 50 percent of all business credit hours required for the business degree be earned at Rockhurst University. This policy excludes the lower-division economics, mathematics, and statistics courses. A maximum of all business credit hours earned toward the BSBA may not exceed 50 percent of the total credit hours required for graduation. Upper-division economics courses that are required for any of the BSBA majors cannot be applied towards the BA in Economics and vice versa.
Liberal Core Requirements
All Helzberg School of Management students are required to complete the liberal core requirements of Rockhurst University. See section on “Liberal Core Curriculum.”

Prerequisites for the BSBA Degree
All Helzberg School of Management students pursuing the BSBA degree are required to complete the following prerequisites:
- AC 2000 Financial Accounting
- AC 2100 Managerial Accounting
- BUS 1800 Microcomputer Applications
- BUS 1900 Business Leadership and Social Issues
- BUS 2200 Applied Business Statistics
- EC 2000 Principles of Macroeconomics or EC 2050 Honors Macroeconomics
- EC 2100 Principles of Microeconomics or EC 2150 Honors Microeconomics

Bachelor of Science in Business Administration
Helzberg School of Management Core Courses for the Bachelor of Science in Business Administration Degree (BSBA)
The Helzberg School of Management Core courses, which are required for graduation for the BSBA degree, are:
- BUS 3350 Business in Global Environments
- BUS 3400 Law of Commercial Transactions
- DS 3200 Introduction to Operations Management
- FN 3000 Essentials of Finance
- MG 3300 Leadership and Organizational Behavior*
- MG 4940 Business Leadership: Strategy, Policy and Ethics*
- MIS 3100 Management Information Systems; students pursuing a concentration in Accounting will take AC 3500 Accounting Information & Control Systems instead of MIS 3100
- MK 3000 Principles of Marketing

*Students with concentrations in accounting pursuing the 5th Year MBA Option to meet CPA certification requirements will be waived from these courses at the undergraduate level and will instead take additional upper-level accounting courses. These students will take the Core Managerial Perspective courses MG 6100 and MG 6910 during their graduate work.

Concentration Requirement for the BSBA Degree
Helzberg School of Management Business Administration major course requirements for the Bachelor of Science in Business Administration Degree (BSBA):
The BSBA Business Administration major requires the completion of 15 upper-division Helzberg School of Management hours in addition to all university requirements and BSBA prerequisite requirements and Helzberg School of Management Core courses for the Bachelor of Science in Business Administration degree. The student may choose any additional 15 hours from upper-division courses (six hours must be at the 4000-level or higher) offered by the Helzberg School of Management or the student may pursue a concentration as outlined below.
Concentration in Accounting

**Option 1** (15 hours): For BSBA students with a concentration in accounting not pursuing the 5th Year MBA Option to meet CPA Certification requirements.

- AC 3000 Intermediate Accounting I
- AC 3100 Intermediate Accounting II
- AC 3400 Intermediate Managerial Accounting
- AC 4650 Individual Taxation

Plus one 3-hour, 4000 or higher level HSOM accounting course elective.

**Option 2**: For BSBA students with a concentration in accounting pursuing the 5th Year MBA Option to meet CPA Certification requirements.

- AC 3000 Intermediate Accounting I
- AC 3100 Intermediate Accounting II
- AC 3400 Intermediate Managerial Accounting
- AC 4050 Advanced Accounting
- AC 4201 Intermediate Financial Analysis
- AC 4600 Corporate and Partnership Taxation
- AC 4650 Individual Taxation
- AC 4750 Auditing*

*AC 4750 will satisfy the HSOM undergraduate capstone graduation requirement.

For students pursuing Option 2, please see the Graduate Studies in the Helzberg School of Management section of the catalog for MBA admission requirements. Upon fulfilling the requirements for the BSBA degree as stated, admittance to the MBA program, and completion of all University graduation requirements, the student will receive the BSBA degree. A sample course of study for students choosing Option 2 follows:

<table>
<thead>
<tr>
<th>Junior Year</th>
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<tbody>
<tr>
<td><strong>Fall Semester</strong></td>
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<tr>
<td>AC 3000 Intermediate Accounting I</td>
</tr>
<tr>
<td>AC 3400 Intermediate Managerial Accounting</td>
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<tr>
<td>FN 3000 Essentials of Finance</td>
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<tr>
<td>MK 3000 Principles of Marketing</td>
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<tr>
<td>TH 3000 Christianity II: Development</td>
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<tr>
<td>Historical/Literary Level II</td>
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<tr>
<th>Senior Year</th>
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<tbody>
<tr>
<td><strong>Fall Semester</strong></td>
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<tr>
<td>AC 4201 Intermediate Financial Analysis</td>
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<tr>
<td>AC 4650 Individual Taxation</td>
</tr>
<tr>
<td>BUS 3400 Law of Commercial Transactions</td>
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<tr>
<td>AR, MS, or TA</td>
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<tr>
<td>Four hours of electives</td>
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</tbody>
</table>
Concentration in Finance/Accounting (15 hours total)
AC 3000 Intermediate Accounting I
FN 4110 Investments
FN/AC 4201 Intermediate Financial Analysis
Plus six hours of upper-level HSOM accounting and/or finance electives.

Concentration in Finance/Economics (15 hours total)
EC 3000 Intermediate Macroeconomics
EC 3100 Intermediate Microeconomics
FN 4110 Investments
Plus two three-hour Economics or Finance electives from the following:
EC 4000 Forecasting
EC 4200 International Economics
FN 4000 International Finance
FN 4201 Intermediate Financial Analysis
FN 4300 Financial Markets and Institutions

Concentration in International Business (15 hours total)
MG 4350 International Management
Plus 12 hours of the following HSOM courses
(six hours must be 4000 level or higher):
AC 4450 International Accounting Issues
BUS 3091 Global Issues in Business and Culture
CT 3850 Intercultural Communication
EC 4200 International Economics
FN 4000 International Finance
MK 3350 International Marketing

Concentration in Management (15 hours total)
MG 3010 Principles of Management
MG 3500 Leadership Development
MG 4350 International Management
Choose two of the following electives:
MG 3800 Competitive Analysis
MG 4170 Leadership in the 21st Century
MG 4400 Small Business Management/Entrepreneurship

Concentration in Marketing (15 hours total)
MK 3200 Consumer Behavior
MK 3350 International Marketing
MK 4100 Marketing Research
MK 4400 Personal Selling and Sales Management
MK 4500 Marketing Policy
Bachelor of Arts

All Helzberg School of Management students pursuing the BA degree are required to complete the following prerequisites:

- EC 2000 Principles of Macroeconomics or EC 2050 Honors Macroeconomics
- EC 2100 Principles of Microeconomics or EC 2150 Honors Microeconomics
- BUS 1800 Microcomputer Applications
- BUS 2200 Applied Business Statistics

Major for the BA Degree

Economics

Upper-division requirements for the Economics major include 18 hours of upper-division hours in economics. These 18 hours include the following:

- EC 3000 Intermediate Macroeconomics
- EC 3100 Intermediate Microeconomics

Two Global Electives

The student should select two electives in the global area which include any of the following courses:

- EC 3400 The Developing World: Economics, Politics, and Culture
- EC 4200 International Economics
- EC 4300 Political Economy: Economic Systems of the World
- EC 4940 Global Economic Issues

Two Policy and Industry Electives

The student should select two electives in the policy and industry area which include any of the following courses:

- EC 3225 Health Care Issues: Economics and Policy
- EC 3300 Money and Banking
- EC 3750 Law and Economics
- EC 3800 Competitive Analysis
- EC 4000 Forecasting
- EC 4400 Industrial Organization

Twelve additional hours of related upper-division courses are also required and are to be chosen under the direction of the major advisor.

Those students who are preparing for entry into graduate studies in economics should also take Calculus I and II.

Helzberg School of Management Minors

In addition to completing the following course requirements for these minors, students are also subject to the policies governing minors as described in the section “Undergraduate Degree Requirements.”

Business Administration Minor (18 upper-level credit hours)

Note: BSBA students may not minor in Business Administration*.

- AC 4500 Principles of Accounting**
- EC 4500 Applied Quantitative Methods**
- EC 4550 Principles of Economics**
FN 3000 Essentials of Finance
MIS 3100 Management Information Systems*
MK 3000 Principles of Marketing

*Note: Some lower-level prerequisites are required for certain upper-level courses and must be taken prior to taking the upper-level courses required for the minor.

**These courses cannot be taken by BSBA majors to fulfill BSBA degree requirements. Students must have junior standing or be a post-baccalaureate pre-MBA student.

Economics Minor—Global Perspective (12 upper-level credit hours)*
EC 3000 Intermediate Macroeconomics
EC 4200 International Economics
EC 4300 Political Economy: Economic Systems of the World
EC 4940 Global Economic Issues

Economics Minor—Managerial Perspective (12 upper-level credit hours)*
EC 3750 Law and Economics
EC 3800 Competitive Analysis
EC 4000 Forecasting
EC 4940 Global Economic Issues

*Note: Some lower-level prerequisites are required for certain upper-level courses and must be taken prior to taking the upper-level courses required for the minor.

Graduation Requirements
All Helzberg School of Management (HSOM) degrees require students to earn a minimum cumulative GPA of 2.5 in HSOM upper-level core courses and earn a grade of C or above in the 15 hours of upper-level courses required for the degree or HSOM concentration. In addition, students must successfully complete a senior capstone course with a grade of C or above. This satisfies the senior comprehensive examination requirement of the Helzberg School of Management.

Additional degree requirements and policies are described in the Undergraduate Academic and Administrative Policies section of the catalog.

Course Descriptions

Accounting
AC 2000. Financial Accounting (3)
A study of how organizations capture and use financial information for reporting and analysis. Topics include the accounting cycle, understanding financial statements and their accounts, and the preparation and analysis of income statements, balance sheets, and statements of cash flows.

AC 2100. Managerial Accounting (3)
A study of accounting information needed for internal planning, decision making and control. Students study cost behavior, cost-volume-profit analysis, product costing methods, budgeting, and variance interpretation. Prerequisite: AC 2000.

AC 3000. Intermediate Accounting I (3)
The Intermediate Accounting sequence provides students with a foundation in the basic theory and principles underlying the preparation of financial statements of business entities. Basic computer and spreadsheet skills are expected. AC 3000 covers the foundations of financial accounting and reporting, including history of accounting, the conceptual framework and objectives of financial reporting, cash versus accrual basis, elements of financial statements, the complete accounting cycle, revenue and expense recognition, comprehensive income statement, balance sheet and statement of cash flows. Prerequisite: AC 2100, junior standing; prerequisite or concurrent BUS 1800.
AC 3100. Intermediate Accounting II (3)
Continuation of AC 3000. Financial accounting and reporting topics include investments in equity securities, current liabilities and contingencies, bonds, leases, pensions, deferred income taxes, owners’ equity and distributions to shareholders, earnings per share, and statement of cash flows. Students will use the Financial Accounting Research System (FARS) to research financial accounting and reporting issues from the original pronouncements of accounting standards setting bodies. Prerequisite: AC 3000.

AC 3400. Intermediate Managerial Accounting (3)
A study of cost and managerial accounting concepts. Course covers cost management concepts and application of such topics as cost methods, budgeting, variance analysis, and using information for management decision making. Prerequisite: AC 2100; prerequisite or concurrent: BUS 1800.

AC 3500. Accounting Information and Control Systems (3)
A study of accounting information systems and internal control environments. Course content includes evaluating a firm’s internal control environments; assessing, establishing and documenting accounting information systems; and establishing and using database systems. Prerequisite: AC 3000, AC 3400.

AC 4050 (AC 6050). Advanced Accounting (3)
Survey of advanced topics in financial accounting and reporting, including business combinations and consolidations, accounting for routine operations of state and local government entities and other nonbusiness entities, partnerships and personal financial statements, and foreign currency translation and transactions. Prerequisite: AC 3000.

AC 4201 (FN 4201). Intermediate Financial Analysis (3)
A second course in corporate finance that deepens the development of the analytical skills and knowledge of the student in analyzing financial information and understanding of the underlying accounting information. The course builds the analytical skills of students in financial statement analysis and other topics including working capital management, cost and capital structure, key financial metrics, and valuation. Prerequisite: FN 3000.

AC 4450 (AC 6500). International Accounting Issues (3)
This course examines the accounting and reporting of multinational corporations; the impact of culture and capital markets on countries’ accounting concepts and standards; and the development and use of international accounting standards. Prerequisite: AC 3000, BUS 3350, FN 3000.

AC 4500. Principles of Accounting (3)
Course provides a foundation for students with no prior accounting experience. Financial and managerial basics are taught, but the emphasis is upon attainment of an overall understanding of the field. General topics include the preparation and interpretation of basic financial statements and the use of accounting information for managerial decision-making. Specific topics include the balance sheet, income statement, statement of cash flows, cost behavior, cost-volume-profit analysis, and relevant cost analysis. Waived in lieu of six hours of undergraduate accounting. This course cannot be taken by BSBA majors to apply toward the BSBA degree requirements. Prerequisite: Junior standing or post-baccalaureate pre-MBA student.

AC 4600 (AC 6600). Corporate and Partnership Taxation (3)
A study of major taxes and taxation issues as they pertain to corporations, partnerships and sole proprietorships. Emphasis is given to concepts, practice, research and communication of tax issues. Prerequisite: AC 3000.

AC 4650 (AC 6650). Individual Taxation (3)
A study of federal and state taxation issues as they pertain to individuals. Emphasis is given to concepts, practice, research and communication of tax issues. Prerequisite: AC 3000.

AC 4750 (AC 6750). Auditing (3)
Auditing is the capstone course that integrates accounting practice, business perspectives and environments, and auditing standards and procedures. Upon completion of the course, students will have demonstrated their ability to assess client business risk, perform an industry analysis, gather and evaluate audit evidence, evaluate internal control systems, and prepare audit reports. Analytical, written, and oral presentation skills are essential in this course. Prerequisite: AC 3500 or MIS 3100 or equivalent.

Business Administration

BUS 1000. Freshmen in Business Seminar (1)
This course is designed to provide incoming freshmen with an overview of academic and social adjustment to college. Students are introduced to the missions of the Jesuits, Rockhurst University and the Helzberg School of Management. Additionally, students learn how the Rockhurst liberal arts core curriculum is an integral part of their educational experience, and how the theories, principles, and concepts studied in the core will be applied to life and to the study of the business major. Students also meet formally and informally with faculty and staff, and are introduced to the range of student support services that are available on campus.
BUS 1800. Microcomputer Applications (3)
The course is designed to provide in-depth, hands-on experience with computers, the Internet, and the Microsoft Office suite of application programs. Coursework includes the removal and re-installation of computer hardware components, project-based work with the Microsoft Office suite of application programs including: Word (word processing), PowerPoint (presentation), Excel (spreadsheets), and Access (database), as well as hands-on work with the Microsoft Internet Explorer (IE) web browser, Internet resources and searching strategies, and methods used to determine credibility of Internet-based reference resources. The course also incorporates a general, theoretical orientation to computers. There is substantial exposure to Microsoft Excel equations in the course. Successful completion of the course facilitates computer proficiency with the specified applications. Recommended: A fundamental knowledge of computers evidenced by a high school computer course or equivalent.

BUS 1900. Business Leadership and Social Issues (3)
This course introduces the student to business. First, it will engage students in managerial concepts and skills relating to functional integration and the managerial processes of planning, organizing, and implementing. Second, students will deal with leadership issues, especially at the micro level, of influencing, working in teams, and developing self-awareness. Finally, these skills will be learned in the context of the external environment. That is, there is an emphasis on examining and analyzing social issues as they relate to corporate social responsibility and the firm’s role in the macro social and community environment.

BUS 2000. Freshman Seminar Facilitator (1)
Facilitators assist instructors in the Freshman Seminar by working with students in small groups to reinforce the concepts presented in class, discuss journal entries and to provide “tips” for a successful college experience. Prerequisite: Sophomore standing.

BUS 2200. Applied Business Statistics (3)
An introduction to basic statistical techniques, especially for students in business and economics, this course involves understanding scientific method, collecting and analyzing data, inferential statistical procedures used for decision making under conditions of uncertainty and simple regression. Prerequisite: MT 1190, BUS 1800, and sophomore standing.

BUS 3091. Global Issues in Business and Culture (3)
This course explores the culture and business practices in other countries and requires international travel. Through travel and participation in business and cultural activities with lectures by government officials, business managers and university faculty, students study the similarities and differences among the different cultures and business practices. Aspects examined include accounting, financing, marketing, and management methods. There is a course fee to cover partial travel costs. Prerequisite: Sophomore standing.

BUS 3350. Business in Global Environments (3)
This course examines the international and ethical contexts in which trade, investment, and business decisions are made. It introduces the legal, economic, political, and cultural differences among countries and it examines how these differences affect the conduct of international business. It discusses a range of topics including bilateral, regional, and world trade agreements, foreign direct investment, and exchange rates. Finally, it introduces some of the strategic issues surrounding where companies should engage in international business and how they should expand into these markets.

BUS 3400. The Law of Commercial Transactions (3)
An introduction to the study of law as it affects the business enterprise. The focus is on commercial transactions with special emphasis on contracts, contractual liabilities, sales contracts and secured transactions. Where appropriate, the connections between ethics and law are explored. Prerequisite: Junior standing.

BUS 4200 (BUS 6200). Data Analysis for Decision Making (3)
This course will provide students with the practical business and market research tools required for today’s data-driven decision needs. Understanding your products, customers, competitors, employees and processes is essential to achieve competitive advantage. These business intelligence tools include market research, data mining, forecasting, financial modeling and industry research. This course will focus on the processes and analysis of data using software, not on the mathematics. Prerequisite: A course in introductory statistics plus skills in using Windows-based software.

Decision Sciences
DS 3200. Introduction to Operations Management (3)
This course provides a study of the operations functions within industrial and service organizations. Topics covered include operations strategy for competitive advantage, forecasting, quality, aggregate planning, project management, and philosophies to manage inventory control. Emphasis is placed on the quantitative techniques needed to improve decision making in the operations environment. Prerequisite: Introductory statistics and BUS 1800.
Economics

EC 2000. Principles of Macroeconomics (3)
A first course in macroeconomics, a social science, that introduces students to theories of how the economy operates and demonstrates the interrelationships of macroeconomic policies, national debt, inflation and unemployment. From primary information sources and educational media, students learn to hypothesize, gather data and test fundamental economic relationships, as well as learn to anticipate the performance of the overall economy. Prerequisite: Sophomore standing. (SRI)

EC 2050. Honors Macroeconomics (4)
A first course in macroeconomics, a social science, that introduces students to theories of how the economy operates and demonstrates the interrelationships of macroeconomic policies, national debt, inflation and unemployment. From primary information sources and educational media, students learn to hypothesize, gather data and test fundamental economic relationships, as well as learn to anticipate the performance of the overall economy. This course takes the place of EC 2000 for honors students. Prerequisite: Sophomore standing. (SRI)

EC 2100. Principles of Microeconomics (3)
A first course in microeconomics, a social science, that introduces students to theories of how consumers and producers interact through supply and demand within the economy. This course helps students in developing a scientific approach to studying economic systems such as modern capitalism. Students investigate the structure of market behavior, performance in the marketplace and optimizing behavior regarding consumer demand, revenues, costs and profits. Prerequisite: Sophomore standing. (SRI)

EC 2150. Honors Microeconomics (4)
A first course in microeconomics, a social science, that introduces students to theories of how consumers and producers interact through supply and demand within the economy. This course helps students in developing a scientific approach to studying economic systems such as modern capitalism. Students investigate the structure of market behavior, performance in the marketplace and optimizing behavior regarding consumer demand, revenues, costs and profits. This course takes the place of EC 2100 for honors students. Prerequisite: Sophomore standing. (SRI)

EC 3000. Intermediate Macroeconomics (3)
Intermediate Macroeconomics is a social science that focuses on the fundamental determinants of output, employment, prices and interest rates. As an extension of the foundation built in Principles of Macroeconomics, critical economic factors and issues such as technology, the labor force, the capital stock and government policies are investigated. Students gain an understanding of the competing economic analyses explaining macroeconomic problems and the variety of possible alternatives for fiscal, monetary, investment, and labor force policies. Prerequisite: EC 2000 or EC 2050, EC 2100 or EC 2150, introductory statistics.

EC 3100. Intermediate Microeconomics (3)
An advanced study of microeconomics that introduces students to theories of how the economy operates and demonstrates the interrelationships of microeconomic policies, national debt, inflation and unemployment. From primary information sources and educational media, students learn to hypothesize, gather data and test fundamental economic relationships, as well as learn to anticipate the performance of the overall economy. This course takes the place of EC 2000 for honors students. Prerequisite: Sophomore standing. (SRI)

EC 3225. Health Care Issues: Economics and Policy (3)
This class helps students develop an understanding of the public policy formulation and implementation process, as well as an awareness of the critical economic issues in American health care markets. It also provides an exposure to options for health care policy reform. Students are introduced to health service economic issues of access, technology, labor, equity and efficiency from both domestic and international perspectives. A prior course in economics is helpful. (SRII or SRI)

EC 3300 (FN 4300). Money and Banking (3)
Overviews the financial and derivatives markets and the institutional environment in which these markets operate. Instruments traded in these markets (equities, bonds, currencies, options, futures, swaps, etc.) and the principles underlying price determination of these instruments is covered. The course also covers ALM (Asset Liability Management) for financial institutions. Prerequisite: EC 2000 or EC 2050, EC 2100 or EC 2150, introductory statistics.

EC 3400. The Developing World: Economics, Politics and Culture (3)
The Developing World has often been viewed through the lens of theory that evolved in the context of what is known as the Developed World. This seminar course assembles profiles of developing countries and regions from a wide variety of sources to give students a foundation to understand theories focused on the Developing World. Such a foundation includes examinations of the interacting forces of economics, culture, politics, and the natural world. Prerequisite: Sophomore standing. (SRII or SRI)

EC 3501. Leadership: Perspectives from Social Science and the Arts (3)
The purpose of this course is to create a perspective of just one concept, leadership, which is key to Rockhurst’s mission and which is greatly valued in any community. Students have an opportunity to integrate what they have learned from many different disciplines in the social sciences and the arts to
arrive at this economic perspective. Not only do they learn the substance of what leadership can mean but the different methodologies for learning what leadership is.

**EC 3750. Law and Economics (3)**
The purposes of government intervention in markets are the focus of the course. The market failures that government is designed to correct are weighed against government failures. Industry studies are used to illustrate public choices about regulation, deregulation, antitrust, and other legal interventions in markets. Students learn the role of property in our legal system and economic analysis. The structure of the U.S. and foreign legal systems are examined from an economic perspective. Students learn to read, interpret, and apply Supreme Court cases to economic analysis of markets. A prior course in economics is helpful. Prerequisite: Sophomore standing or above. (SRII or SRI)

**EC 3800 (MG 3800). Competitive Analysis (3)**
A comprehensive course applies modern business and economic principles to study a firm’s strategic position. The class integrates insights from the theory of the firm, industrial organization, game theory, and complexity analysis which are used in many fields besides Economics. The broad sweep of modern economics and strategy research is organized and presented on a wide variety of issues, such as defining boundaries, “make or buy fallacies,” competitor identification, rivalry, commitment, cooperation, and strategic positioning. Prerequisite: Sophomore standing or above and EC 2100. Recommended: MK 3000. (SRII or SRI)

**EC 4000. Forecasting (3)**
An introduction to the most commonly used methods of forecasting including judgmental, time series, and causal approaches. Emphasis is placed on the proper application of these techniques in developing sound forecasts. Prerequisite: EC 2000 or EC 2050, EC 2100 or EC 2150, introductory statistics.

**EC 4200. International Economics (3)**
This course introduces the student to international trade, with emphasis on the balance of payments, foreign exchange rates and adjustments, the history of trade laws, and current directions in free trade and protectionism. Prerequisite: EC 2000 or EC 2050, EC 2100 or EC 2150, introductory statistics, BUS 3350.

Capturing the essence and dynamism of economic systems is the focus of this course. In this discussion-based course, students will engage in critical reflection of the criteria for comparing economic systems, apply criteria to a self-determined research of particular economy, and examine the different types of economic systems. Particular topics include the role of culture in understanding systems, transitioning systems in Eastern Europe, the emerging role of Islam and issues particular to developing countries. (SRII)

**EC 4400. Industrial Organization (3)**
The course analyzes the structural characteristics, conduct patterns and social performance of industries with special attention given to major U.S. industries. Prerequisite: EC 2000 or EC 2050, or EC 2100 or EC 2150.

**EC 4500. Applied Quantitative Methods (3)**
Course introduces applied concepts in mathematical analysis, statistics, and spreadsheet application. The focus is on providing a background in the quantitative methodology used in areas such as economics, finance, operations management, marketing, and management. Major topics include linear and non-linear functions, linear programming and statistical concepts. Waived in lieu of six hours of undergraduate statistics and quantitative analysis. This course cannot be taken by BSBA majors to apply toward the BSBA degree requirements. Prerequisite: Junior standing or post-baccalaureate pre-MBA student.

**EC 4550. Principles of Economics (3)**
Course examines major topics including role of the price system, the factors which impact prices in resources and product markets, determinants of price level and national income, and the effects of governmental stabilization policies. Waived in lieu of six hours of macro and microeconomics. The course cannot be taken by BSBA majors to apply toward the BSBA degree requirements. Prerequisite: Junior standing or post-baccalaureate pre-MBA student.

**EC 4940. Global Economic Issues (3)**
A seminar course which examines different economic paradigms to analyze current and controversial economic, environmental, political and social issues from a global perspective. Juxtaposition of the interpretations strengthens students’ understanding of competing theories. Research and critical analysis of a chosen issue is presented by students as part of the course. Prerequisite: Junior or senior standing and all lower-division prerequisites of the BA.

**Finance**

**FN 3000. Essentials of Finance (3)**
An introduction to the important areas of corporate managerial finance. Emphasis is placed upon developing an understanding of the tools and methodologies available to the financial manager for decision making in such areas as capital budgeting, working capital management, capital structure,
and profit planning and control. Prerequisite: AC 2000 and AC 2100, or AC 4500; EC 2000 and EC 2100 (or EC 2050 and EC 2150), or EC 4550; introductory statistics or EC 4500; BUS 1800; junior standing.

**FN 4000. International Finance (3)**

The course addresses both theory and application of international financial and accounting issues. Emphasis is placed on foreign exchange management, including foreign exchange markets and instruments, measuring of foreign exchange positions. International accounting standards as well as multi-national capital budgeting. Eurocurrency and international bond markets are also discussed. Prerequisite: FN 3000 and BUS 3350.

**FN 4110. Investments (3)**

An introduction to the development of an investment philosophy. The emphasis is on the development of a conceptual framework to implement that philosophy through an analysis of the appropriate analytical tools and methodologies. Specific topics include risk quantification, fundamental and technical analysis, ratio analysis applied to individual equities and the timing of investments. Prerequisite: FN 3000.


A second course in corporate finance that deepens the development of the analytical skills and knowledge of the student in analyzing financial information and understanding of the underlying accounting information. The course builds the analytical skills of students in financial statement analysis and other topics including working capital management, cost and capital structure, key financial metrics, and valuation. Prerequisite: FN 3000.

**FN 4300 (EC 3300). Financial Markets and Institutions (3)**

Overviews the financial and derivatives markets and the institutional environment in which these markets operate. Instruments traded in these markets (equities, bonds, currencies, options, futures, swaps, etc.) and the principles underlying price determination of these instruments is covered. The course also covers ALM (Asset Liability Management) for financial institutions. Prerequisite: FN 3000.

**MG 3010. Principles of Management (3)**

Students will be immersed in a Management experience requiring them to make business decisions that involve all functional areas (e.g., finance, marketing, advertising, human resources, etc.). This experience will have students doing the work of managers. Using this common experience as a reference point, students will explore the systemic context of management, including study of contemporary organizations. In addition, students will learn about important contextual variables of managers at various levels (top, middle, low). The traditional functional areas of finance, marketing, production/service, R&D will be explored within the possible organizational structural designs (simple, divisional, combination, virtual) and students will learn the internal and external constraints on managerial decision-making. Further managerial topics include strategy, structure, alignment, and their importance in addressing external environmental uncertainty. Prerequisite: Sophomore standing and BUS 1900.

**MG 3300. Leadership and Organizational Behavior (3)**

The course investigates how individual and group behavior impacts the performance of an organization. Topics include perception, personality, values, job satisfaction, emotional intelligence, learning, communication, motivation, culture, conflict, stress, and power/politics. The purpose of this course is to increase students’ awareness of the impact that these topics have on leadership effectiveness. Prerequisite: Junior standing. Prerequisite or concurrent: BUS 1900.

**MG 3500. Leadership Development (3)**

This course will assess the student’s level of practical leadership behaviors (some of the behaviors may cross over and include management skills and abilities). The activities and study in this course will build on these existing skills and abilities. The course will also focus students on improving their skill and proficiency in the following leadership areas: decision-making (programmed and non-programmed), conflict resolution for/with others, influencing/persuading others, structuring uncertainty/ambiguity for others, coaching/developing others, delegating/following-up, building effective teams, and negotiating skills. Another outcome of the course will be for students to build self-awareness and acquire tools for life-long learning and self-exploration, including the ability to solicit and give feedback from and to peers. Prerequisite: MG 3010.

**MG 3800 (EC 3800). Competitive Analysis (3)**

This course applies modern business and economic principles to study a firm’s strategic position. The class integrates insights from the theory of the firm, industrial organization, game theory, and complexity analysis which are used in many fields besides economics. The broad sweep of modern economics and strategy research is organized and presented on a wide variety of issues, such as defining boundaries, “make or buy fallacies,” competitor identification, rivalry, commitment, cooperation, and strategic positioning. Prerequisite: Sophomore standing and EC 2100 (MK 3000 recommended).
MG 4170. Leadership in the 21st Century (3)  
Students will explore leadership issues as they relate to societal and business trends. Topics will include technology, the environment, and globalization as well as economic, political, cultural, and spiritual trends. The course will use historical and future perspectives to explore ways in which we might improve our world and the contributions business makes to the future. This course will follow a seminar format using a variety of resources including texts (non-business or business), periodicals, guest speakers, films, etc., to help inform the discussions and activities of the course. Prerequisite: MG 3010.

MG 4350. International Management (3)  
This course builds upon several key concepts introduced in BUS 3350 Business in Global Environments. It extends the discussion of how political, economic, legal, and technological developments are affecting the management of international business operations. It pays special attention to the role of culture and the challenges inherent in managing employees, operating facilities, and targeting markets across cultures. Finally, it examines the managerial and ethical implications of various international entry modes. Prerequisite: BUS 3350.

MG 4400. Small Business Management/Entrepreneurship (3)  
This course focuses on the unique issues facing the small business owner, as well as extensive coverage of unique business functions that the small business owner is likely to deal with. The course also focuses on 1) how to assess a potential business opportunity and 2) how to prepare a business plan for use as both a strategic document and a document for dealing with potential financial backers. Prerequisite: MG 3300, MK 3000, FN 3000, senior standing.

MG 4940. Business Leadership: Strategy, Policy and Ethics (3)  
This course is an integrative capstone experience focusing on strategy and policy development for organizations within the context of sometimes conflicting ethical constraints. Strategy implementation challenges are also explored. The course provides an opportunity to integrate the knowledge drawn from functional area courses in the solution of problems discovered by the analysis of both published cases and live interactions with the managers of companies and organizations within the Kansas City region. Prerequisite: BUS 1900, BUS 3350, FN 3000, MG 3300, MIS 3100 (or AC 3500), MK 3000, senior standing.

Management Information Systems  
MIS 3100. Management Information Systems (3)  
This course provides an historical and evolutionary introduction to management information systems, what they are, how they affect the organization and its employees, and how they can make businesses more competitive and efficient. Managing information requires understanding, designing, and controlling the information processing activities of an organization. This course focuses on the management of information and explores how firms (a) gather, (b) represent, (c) process, and (d) distribute information and knowledge to employees and customers. A sample of the topics covered in the course includes business intelligence, knowledge management, knowledge-worker productivity, data modeling, and group decision support systems. Prerequisite: BUS 1800 or equivalent.

MIS 3110. Database Management (3)  
This course covers the design and implementation of database management systems (DBMS). Topics addressed in this course include: database design methodologies; data modeling tools and techniques; database models including relational, hierarchical, networked, and object-oriented designs. Prerequisite: BUS 1800 or equivalent, CS 1110/1120, and MIS 3100.

MIS 3120. Networking and Telecommunications (3)  
This course covers data communications and networking requirements including networking and telecommunications technologies hardware and software. Emphasis is placed on analysis and design of networking applications in organizations. Management of telecommunications networks, cost-benefit analysis, and evaluation of connectivity options are also covered. Prerequisite: BUS 1800 or equivalent, CS 1110/1120, and MIS 3100.

MIS 3900. Special Topics in Management Information Systems (3)  
The course provides the opportunity for students to investigate emerging topics in management information systems. Topics will be selected based on their historic and/or contemporary importance to the continually evolving fields of information systems, leadership in information systems, or the strategic mission of information systems within organizations. Prerequisite: BUS 1800 or equivalent, CS 1100/1120, MIS 3100, junior or senior standing, and instructor approval.

MIS 4110. System Analysis and Design (3)  
This course provides an understanding of information systems development and modification processes emphasizing effective communication and cooperation among users, developers and sponsors. The course focuses on effective and efficient management of enterprise-level information systems. The student is introduced to project management tools and technologies. Prerequisite: BUS 1800 or equivalent, CS 1110/1120, MIS 3100, and junior or senior standing.

MIS 4900. Management Information Systems Senior Capstone Project (3)  
Students in the senior project course will conceive,
research, specify, design and implement a significant project in management information systems. Projects will be of practical interest to real clients and will be presented to external evaluators for approval as a requirement of the class. Prerequisite: MIS 4110, senior standing, and instructor approval.

Marketing

**MK 3000. Principles of Marketing** (3)
This course briefly covers all the aspects of marketing that are covered in depth in the subsequent marketing courses. The student is introduced to marketing's 4Ps (Product, Price, Promotion, and Physical Distribution)—something that everyone needs to know, no matter the career choice made. In this course you will learn the essential marketing vocabulary, basic principles and concepts, and how to use these principles when running your own business or working in an organization. The text is very important in this course and the student's learning is aided through the use of videos, presentations, class activities and discussions. Prerequisite: Junior standing.

**MK 3200. Consumer Behavior** (3)
This course is an application of behavioral scientist research into the field of marketing. Research conducted by psychologist, sociologists, social psychologists, economists, cultural anthropologists and other behavioral scientists are use to help us solve marketing problems. Students will learn why they tend to buy the products and services they do; and, how marketing practitioners can anticipate and predict buying behavior. In this course students give oral presentations, participate in team discussions, write short papers, do some critical thinking and view videos that demonstrate the application of marketing principles. Prerequisite: MK 3000 and junior standing.

**MK 3300. Advertising and Promotions** (3)
Advertisements and promotions use applied communication techniques. Because organizations must tell their story to the public, effective marketers must become proficient in the use of oral and written communications, nonverbal communications, listening skills, music, theatre, art and other techniques to get their message to the target audience. Specifically the students study how advertising, sales promotions, public relations, personal selling, direct marketing, and Internet is used as part of the overall marketing plan. Each student will invent or select an existing product or service and then develop an Integrated Marketing Communication (an advertising campaign) for it. Students then present their IMCs to the class both orally and in writing. Prerequisite: MK 3000 and junior standing.

**MK 3350. International Marketing** (3)
This course addresses the global issues that impact concepts relevant to companies engaging the international marketplace. It introduces the student to the cultural, economic, geographic, political and legal issues that affect the where, when and how to enter foreign markets. The course uses contemporary materials to expand beyond the text and bring real life problems and solutions into the classroom for student discussion. Prerequisite: MK 3000 and BUS 3350.

**MK 3400. Retailing** (3)
An analytical introduction to the process of retailing in the American economy. The focus is on the structure of the retail stores and service establishments involved in this important facet of the marketing system. Prerequisite: MK 3000 and junior standing.

**MK 4100. Marketing Research** (3)
A thorough study of the various types of market research. Problems related to planning research, gathering and summarizing data and interpreting the findings are discussed and analyzed. The emphasis is on the practical use of market research in making market decisions. Actual market research projects are used to further this process. Prerequisite: MK 3000, introductory statistics, BUS 1800, and senior standing.

**MK 4400. Personal Selling and Sales Management** (3)
Assess your own behavioral style and how to adjust it in order to influence others to accept your ideas. Learn the different ways of attracting and retaining customers. Discover how to obtain information from potential customers and use it to create a persuasive and dynamic sales presentation. Use the spin technique so that your customers handle their own objections and close their own sales. This is an experientially based course designed to improve all of your selling skills. Prerequisite: MK 3000, senior standing, and marketing concentration or instructor approval.

**MK 4500. Marketing Policy** (3)
Learn how to run all aspects of a business, including what research is best to determine your customer needs, how finance impacts on marketing, and how does marketing and production need to be integrated to achieve your corporate goals. Compete against other students groups in the exciting microcomputer industry. Develop your own leadership style and learn how to transform your team into a high performing group which will enable them to achieve high profits and exceed customer expectations. Prerequisite: Senior standing, marketing major.
INTRODUCTION

Research College of Nursing was founded in 1979 and admitted its first class in 1980. Research College of Nursing, in partnership with Rockhurst University, offers a Bachelor of Science in Nursing. (The Bachelor of Science in Nursing degree is awarded jointly by the two institutions.) Research College of Nursing is a private non-sectarian institution of higher learning sponsored by Research Medical Center.

The Bachelor of Science in Nursing (B.S.N.) is organized and available to qualified students in two undergraduate options: the traditional option and the accelerated option.

The traditional B.S.N. option is for first-time-in-college students, transfer students and adult students. It is designed to be completed in four years on a full-time basis.

The accelerated B.S.N. option is for students who have completed a baccalaureate degree in a field other than nursing at a regionally accredited institution. The nursing component of the option is designed to be completed in a calendar year (twelve months).

Students of the nursing program are enrolled at both institutions. The B.S.N. degree consists of a minimum of 128 credit hours in nursing, liberal arts, and science courses. The majority of the liberal arts and science courses are taken prior to the nursing courses.

Research College of Nursing offers a Master of Science in Nursing degree with three tracks. The Family Nurse Practitioner (FNP) track prepares nurses for an advanced practice role as a health care provider in a variety of primary care settings. The second track, Executive Nurse Practice: Health Care Leadership (ENP), is offered in collaboration with Helzberg School of Management, and provides nurses with the skill sets necessary to function in management roles in complex health care delivery systems. The Nurse Educator track prepares nurse educators with knowledge and strategies for teaching in both clinical and academic settings. In addition, other tracks are available through the Jesuit Conference of Nursing Programs graduate consortium. For further information, contact Research College of Nursing.
The faculty and administration of both institutions have carefully designed the nursing program to provide a consistent, integrated educational experience. While some information about purposes, curriculum, and policies of Research College of Nursing are provided in this Catalog, students and other interested persons should also review the Research College of Nursing Catalog.

Accreditations and Affiliation
Research College of Nursing is accredited by the Commission on Collegiate Nursing Education, the North Central Association of Colleges and Schools and the Missouri State Board of Nursing. Research College of Nursing holds membership in the Greater Kansas City Collegiate Nurse Educators, the National League for Nursing, the Missouri League for Nursing, the Jesuit Conference of Nursing Programs, the Missouri Higher Education Council, the American Association of Colleges of Nursing, and the American Association of Higher Education.

Purposes
The purposes of the Research/Rockhurst Joint Bachelor of Science in Nursing Program are to:
1. Prepare a professional nurse who can practice as a generalist in health promotion and with clients experiencing alterations in health in a variety of health care settings.
2. Prepare an individual with a commitment to learning as a lifelong endeavor with the foundation necessary for graduate education, and
3. Prepare a professional nurse who is an active citizen in the community and assumes responsibility for improving the health care of society.

Nursing Licensure
Graduates earning the Bachelor of Science in Nursing degree may be eligible to apply to write the NCLEX-RN, National Comprehensive Licensure Examination—Registered Nurse. Graduation does not automatically ensure eligibility to write the licensure examination. Each graduate will be expected to schedule a date for the licensure examination. Upon passing the NCLEX-RN, the nurse is able to practice in the state where she/he applied for licensure. Nurses practice under the provisions of each state’s nurse practice act. In Missouri, it is the Nursing Practice Act, Missouri Statutes Chapter 335. The Missouri State Board of Nursing enforces the Act. The State of Missouri Nursing Practice Act governs the practice of professional nursing in Missouri. Sections of the Act pertaining to refusal or revocation of license are published in the Research College of Nursing Catalog and the Guide to Student Life. Nursing students should be familiar with the Missouri Nurse Practice Act.

Admission
Admission to the Research/Rockhurst Joint Bachelor of Science in Nursing program is based on the applicant’s academic record, evidence of scholastic ability, and interest in the goals of the institutions. Students make application for one of the two program options. Information in the section entitled “Undergraduate Studies” regarding admission is applicable to the traditional B.S.N. option. Information regarding admission to the accelerated B.S.N. option can be found in the current Research College of Nursing Catalog and on the college website: http://www.researchcollege.edu. Interested students may also call the Director of Transfer and Graduate Recruitment at Research College of Nursing.

Students who wish to transfer from another college where nursing course work has
been completed must follow regular admission procedures. In addition, the student must:

1. Present a letter of recommendation from the dean or chairperson of the nursing program attended.
2. Schedule an interview with Research College of Nursing Associate Dean for Academic Programs.

Requirements for Admission

The Research College of Nursing Program encourages applications either through Rockhurst freshman admissions, internal Rockhurst transfers, or students transferring credits from other institutions. Enrollment is limited in both the traditional and accelerated programs.

Transfer students, both internal and external, must complete an application to Research College of Nursing, consult with the Director of Transfer and Graduate Recruitment at Research College, and be admitted to the nursing program to begin nursing courses. Transfer student applications are reviewed in the spring and admission is competitive.

In order to initially enroll in Traditional Option program nursing courses which begin in January students must:

1. Achieve a minimum grade of C (2.0) in all science and math courses.
2. Have a minimum cumulative GPA of 2.7.

Admission requirements for the Accelerated Option program include:

1. Completion of a previous baccalaureate degree in a field other than nursing. Up-to-date transcripts must be sent from all previously attended colleges.
2. Complete an advising appointment with the Director of Transfer and Graduate Recruitment at Research College of Nursing.
3. Two letters of reference.
4. Minimum grade point average of 2.8.
5. Earn minimum grades of B- (2.67) in each of the science pre-requisites (Chemistry, Anatomy & Physiology, Microbiology).
6. Complete an interview with a member of the nursing faculty.

Financial Aid

Freshman and sophomore students of the Research/Rockhurst Joint Bachelor of Science in Nursing Program who wish to apply for financial aid should do so through Rockhurst University. Junior, senior, accelerated and graduate nursing students should apply for financial aid through Research College of Nursing. More detailed information regarding financial aid may be found in the section “Undergraduate Financial Aid Programs and Policies,” and in the Research College of Nursing Catalog.

Academic Policies and Advising

For details regarding the academic policies of the nursing program, students should refer to the current Research College of Nursing Catalog.

Upon admission students are assigned to faculty advisors from Research College of Nursing who assist them in selecting courses, reviewing grade reports and completing degree requirements. Faculty facilitate the successful retention and progression of students through an effective and knowledgeable advising process. Academic advising is under the general supervision of the Associate Dean for Academic Programs of Research College of
Nursing. Students experiencing problems may consult their academic advisor, individual faculty or the Counseling or Learning Centers at Rockhurst for assistance.

**Academic Program Requirements**

**Degree Offered**
Research College of Nursing and Rockhurst University confer the Bachelor of Science in Nursing degree for graduates of the joint program. This degree enables the graduate to apply to write the National Comprehensive Licensure Examination for Registered Nurses (NCLEX-RN) to become a licensed registered nurse (R.N.) and to pursue graduate education if so desired.

This section contains a description of degree requirements for students entering the traditional B.S.N. option with no previous college credit. Information on the distinguishing characteristics of the accelerated B.S.N. option, beyond what is provided here, may be found in the *Research College of Nursing Catalog*. Each option is designed to provide as much flexibility as possible for the student population it serves.

Transfer students in the traditional B.S.N. option and students with a degree will need to have an evaluation of all transcripts of credit to determine what courses will be needed to meet the degree requirements for the B.S.N. It is recommended that students meet with their advisors to develop a plan of study projecting ahead as far as possible. As circumstances dictate the plan may be revised.

**Degree Requirements**

**Traditional B.S.N. Option**
To earn a Bachelor of Science in Nursing a student must:
1. Successfully complete a minimum of 128 semester hours which must include:
   A. All Research College of Nursing students in the traditional B.S.N. option are required to complete liberal core requirements of Rockhurst University. A total of 37 hours in the Modes of Inquiry as follows:
      • Artistic 1 level-one course (3 credits)
      • Historical 1 level-one course (3 credits)
      • Literary 1 level-one course (3 credits)
      • Either Historical or Literary 1 level-two course (3 credits)
      • Scientific Causal (must include a laboratory) 1 level-one course (4 credits)
      • Scientific Relational 1 level-one course (3 credits)
      • Either Scientific Relational or Scientific Causal 1 level-two course (3-4 credits)
      • Philosophical 1 level-one course (3 credits)
      • Theological 1 level-one course (3 credits)
      • Theological 1 level-two course (3 credits)
      • Either Philosophical or Theological 1 level-two course (3 credits)
      • Elective from a different area 1 level-one or -two course (3 credits)
   B. Courses in the Liberal Arts & Sciences designated to meet proficiency requirements.
   C. Courses in the Liberal Arts & Sciences designated as required support courses to the nursing major.
D. A total of 62 semester hours in the nursing major. For specific nursing curriculum course requirements, consult the Research College of Nursing Catalog.

2. Achieve a minimum grade of C in all science and math courses.

3. Achieve a final cumulative grade point average of 2.0 in all courses and a minimum grade of C in all nursing courses.

4. Have a minimum cumulative GPA of 2.7 to initially enroll in any nursing course and maintain a cumulative GPA of 2.0 to progress to upper-division nursing courses.

5. Meet the residency requirement by completing 15 semester hours at Research, 15 semester hours at Rockhurst and the final 30 semester hours at either Research or Rockhurst.

Accelerated B.S.N. Option
Students in the accelerated B.S.N. option are considered to have met the general education requirements (liberal arts and sciences) with their prior degree. There are, however, certain prerequisites necessary for successful completion of the nursing major. An evaluation of transcripts of credit will determine which of these may already be met by previous study. Students should refer to the current Research College of Nursing Catalog for degree requirements and course prerequisites specific to this option.

Course Descriptions
The following section provides course descriptions for the nursing major. Courses with a last digit of 1 are for accelerated option B.S.N. students. The descriptions for the liberal arts courses required for the degree can be found in the College of Arts and Sciences section of this Catalog.

Academic Courses

**NU 2030. Foundations of Nursing Practice** (3)
This course focuses on foundational concepts and nursing skills essential for the practice of professional nursing. Learning experiences occur in the classroom, college laboratory, and selected clinical sites. Prerequisite: BL 2929; BL 2930/2931; BL 2940/2941; MT 1190 (or satisfy math proficiency).

**NU 2031. Foundations of Nursing Practice** (3)
This course focuses on foundational concepts and nursing skills essential for the practice of professional nursing. Learning experiences occur in the classroom, college laboratory, and selected clinical sites. Prerequisite: BL 2929, BL 2930/2931 and BL 2940/2941; or BL 2965; PY 1000.

**NU 2050. Nursing Health Assessment** (2)
In this course, students learn to assess adult client health status. The emphasis is on the normal assessment findings and recognition of deviations from normal. Learning experiences occur in the classroom and college laboratory. Prerequisite: BL 2929, BL 2930/2931 and BL 2940/2941; or BL 2965; PY 1000.

**NU 2051. Nursing Health Assessment** (2)
In this course, students learn to assess adult client health status. The emphasis is on the normal assessment findings and recognition of deviations from normal. Learning experiences occur in the classroom and college laboratory. Prerequisite: BL 2929, BL 2930/2931 and BL 2940/2941; or BL 2965; PY 1000.

**NU 2750. Normal Nutrition** (2)
This course focuses on principles of nutrition which promote health and normal growth across the lifespan. Nutritional practices which enhance health are explored. Factors which affect food habits and nutritional practices are examined. Common nutritional problems are discussed. The student is introduced to methods to assess nutritional status across the lifespan. Prerequisite: Enrollment in nursing courses or permission of instructor.

**NU 2850. Pathophysiology** (3)
This course focuses on alterations in biologic processes that affect the body’s internal homeostasis. A conceptual approach is used to emphasize general principles of pathophysiology. The etiology, pathogenesis, clinical manifestations, and sequelae of various alterations of human structure and func-
management and health promotion are addressed in the care of adult clients with integumentary, genitourinary, gastrointestinal, neurological, immune, autoimmune, pulmonary and hematological alterations. Prerequisite: NU 3100/3101; NU 3200/3201; NU 3210/3211; NU 3550/3551; sociology elective. Corequisite: NU 3440/3441.

NU 3440/3441. Adult Health Nursing Practice II

The focus of this course is the clinical application of nursing concepts, skills, and health assessment techniques. Students utilize the nursing process while caring for adult clients on complex medical-surgical units including critical care settings. Prerequisite: NU 3100/3101; NU 3200/3201; NU 3210/3211; NU 3550/3551; sociology elective. Pre- or corequisite: NU 3430/3431. Pass/No Pass.

NU 3510/3511. Mental Health Nursing

The primary focus of this course is the nursing management of selected mental health issues across the lifespan. Disease management and health promotion provide the framework for the study of mental health. Prerequisite: All NU 2000 courses; PY 3400; CT 2000; BL 3100/3101. Pre- or corequisite: NU 3100/3101; NU 3530/3531; NU 3550/3551.

NU 3530/3531. Mental Health Nursing Practice

The focus of this course is the clinical application of nursing concepts, mental health assessment, and interpersonal skills in psychiatric nursing. Therapeutic communication is emphasized as students utilize the nursing process in the care of patients with mental health alterations in acute care and selected community settings. Prerequisite: All NU 2000 courses; PY 3400; CT 2000; BL 3100/3101. Pre- or corequisite: NU 3100/3101; NU 3510/3511; NU 3550/3551. Pass/No Pass.

NU 3550/3551. Pharmacology

This course is designed to provide foundational knowledge and understanding of pharmacological therapy. The content is organized according to the following pharmacological classifications: infectious agents, autonomic nervous system, cardiovascular, hematological, respiratory, pain, gastrointestinal, neurologic and neuromuscular, anti-inflammatory, endocrine, psychogenic, and visual, auditory and integument. Emphasis is placed on nursing implications and responsibilities in pharmacologic therapy. Prerequisite: All NU 2000 courses; BL 3100/3101.

NU 3570/3571. Introduction to Nursing Research

The primary focus of this course is the introduction of basic research methodology and statistical techniques as they relate to research design and its application to nursing. The evolution of nursing research, the research process, research design and
Nursing Electives

Nursing electives afford the student the opportunity to pursue an area of interest to develop knowledge and skills beyond the core content of the curriculum. The variety of course offerings or faculty-guided independent study in a given term is subject to availability of faculty and institutional resources. Selected courses in the College of Arts and Sciences are also identified and may be used to meet the nursing elective requirement.
NU 3600. Feminist Values for Nursing (2)  
Feminist literature is analyzed and discussed so that personal feminist values relating to nursing practice are identified. Knowledge from previous or concurrent science, humanities, philosophy and theology courses is considered foundational. Students have an opportunity to develop a feminist value system that is consistent with assumption of professional responsibility and an emphasis on human dignity and worth. Prerequisite: All 2000-level nursing courses and/or instructor approval.

NU 3640. Addictive/Compulsive Behavior and Nursing (2)  
This course is designed to explore different theories as they apply to various addictive and compulsive behaviors and disorders. Topics could include, but are not limited to, alcoholism, problem drinking, eating disorders, obsessive/compulsive disorder, gambling, smoking, “addictive” relationships, cults, chemical abuse, compulsive working, shopping, and sexual behavior. Particular attention is given to the impaired nurse, characteristics of nurses, and nursing care in general. Family dynamics and broader issues related to societal impact are addressed. Students must be prepared to discuss their informed opinions in their particular area of interest. Prerequisite: All 2000-level nursing courses and/or instructor approval.

NU 3700. Family Nursing (2)  
This course is designed to provide students with a foundation in concepts, theories, and paradigms of family health care nursing across the lifespan and to explore the application of these ideas in a variety of health care settings. The student has opportunities to learn and apply special skills relating to nursing process in working with families. Alternative family life styles and cultures are addressed. Substantial student participation is required. Prerequisite: All 2000-level nursing courses; all 3200-level nursing courses; NU 3430/3431 and NU 3440/3441.

NU 3760. Health Project in Guatemala (2)  
This course is designed to provide students an opportunity to participate in a health project in a Third World country where extreme poverty prevails, leading to problems related to access to health care and education and to issues of social justice. It will offer students a collaborative experience with volunteer health care providers as well as with indigenous health staff in rural settings. Nursing students will participate in the outreach campaigns such as delousing, deparasiting, and immunization clinics in schools. Students will design projects that will be beneficial to the clinics and their clients in the future. Prerequisite: All 2000-level nursing courses and/or instructor approval.

NU 3780. Issues in Critical Care (2)  
This course is designed to explore issues, concepts, tools, and technologies in critical care. Students will be expected to utilize the nursing process, concepts in pathophysiology, and current nursing research to facilitate case analysis. Prerequisite: All 2000-level nursing courses; NU 3200/3201; NU 3210/3211.

NU 3800. Introduction to Statistics (3)  
Basic concepts of statistical analysis are applied to empirical questions from psychology, social sciences and life science to foster the scientific perspective, to incite critical thinking, and to produce better consumers of information. This course focuses on basic descriptive concepts (e.g. central tendency, variability) and techniques (e.g. correlation, regression), basic issues in hypothesis testing (e.g. probability, decision errors), and basic parametric techniques (e.g. z-test, t-test, one and two-factor ANVOAs).

NU 3820. Humor and Health (2)  
In this course, students examine the history, art, and science of mirth and humor as well as its application to professional and personal life. The connections between humor and health will be explored. Prerequisite: All 2000-level nursing courses and/or instructor approval.

NU 3880. History of Nursing (2)  
This course is designed to examine the rich development of nursing as a discipline and profession, from a historical perspective. Past nursing issues will be identified and discussed. The social, philosophical, and political forces which have impacted the course of nursing history will be examined. Prerequisite: All 2000-level nursing courses and/or instructor approval.

NU 4990. Independent Study (1-3)  
This seminar format course will explore diversity issues in popular and health literature, and relate these issues to health care. It is aimed at stimulating the student to critically think, reflect and dialogue about available literature concerning diverse groups. Special emphasis is given to cultural, spiritual, socioeconomic, and gender orientation issues. Students will work with faculty in the selection of readings to discuss at specified intervals during the semester. Prerequisite: All 2000-level nursing courses and/or instructor approval.
PY 3600. Psychology of Sexual Behavior (3)
A psychological perspective on human sexuality and patterns of behavior. Sexual functioning, gender identity, sexual disorders and treatment are considered. The role of personality, attitudes and emotional factors are emphasized. Prerequisite: PY1000; all 2000-level nursing courses and/or instructor approval.

PY 3700. Health Psychology (3)
Health psychology is one of the most rapidly expanding areas in the field of psychology. This course will discuss the role psychological factors play in physical problems. The role of psychological treatments for individuals with psychophysiological disorders will be discussed. This course will also address the role of the health psychologist in the health care system and topics such as chronic pain, obesity, nicotine addiction. Prerequisite: PY 1000.

SO 3650. Medical Sociology (3)
Relationship of sociological concepts to health and medical care; cultural and class variations in health and health care; social and cultural aspects of health; medical roles; financing of medical care and medical care organization. Prerequisite: All 2000-level nursing courses and/or instructor approval.

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William Haefele, Co-Chair
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Professor, Sociology

Elizabeth Evans
Assistant Professor, Biology

Catherine Green
Assistant Professor, Philosophy

Koleen Kolenc
Assistant Dean, College of Arts and Sciences

Jean Krieg
Assistant Professor, Nursing

Bobbie Siler
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Betty S. Tracy
Assistant Professor, Nursing

Lynn Wärmbrödt
Professor, Nursing
SPECIAL UNDERGRADUATE ACADEMIC AND CO-CURRICULAR PROGRAMS

The programs described in this section address special opportunities available to Rockhurst University students.

Honors Program
Rockhurst offers the Honors Program for academically talented students who want freedom to pursue their intellectual interests and who seek educational stimulation beyond the typical academic experience. Honors students are offered a specially designed curriculum that substitutes for courses normally required of all Rockhurst students. While fulfilling the honors curriculum and pursuing graduation from the Honors Program, students can complete the requirements for any major area of study at Rockhurst. Indeed, they can customize any major and take it to greater depths than what is ordinarily required. The honors curriculum exposes students to a cadre of the best professors at Rockhurst and to some of the most innovative courses and educational opportunities.

Most of the specially designated honors courses are taken during the first two years. The traditional sequence is for honors students to take their written and oral communication proficiencies, and an honors course or two in the sciences, philosophy, or theology during their first year, and then begin the Integrated Humanities two-semester sequence as sophomores. Although there are a few upper-division, specially designated honors courses, and more are being designed, much of the upper-division honors student’s curriculum is individually designed via the honors option, which allows the student to pursue a topic of interest under the supervision of a professor-mentor.

Other special educational benefits for honors students include: 1) priority registration; 2) the Honors Room, which is a quiet room with computers and couches; 3) participation at National Collegiate Honors Council and Great Plains Regional meetings; 4) camaraderie and a support network with other honors students; and 5) advisors who understand that honors students have unique academic interests.

Additional information on the Honors Program may be obtained from the director of the Honors Program, and interested students may also check the web site.

The Freshman Incentive Program
The Freshman Incentive Program is designed for first-time college students who wish to attend Rockhurst University, but do not meet admission criteria. Students are considered for probationary admission through the Freshman Incentive Program if their composite ACT scores are between 18 and 20 or if their high school GPA and ACT sub-scores are lower than Rockhurst’s standards. There must be evidence that the student can succeed at Rockhurst, which may include impressions from a personal interview, strong high school grades and rank in class, letters of recommendation, strong record of extracurricular activity (especially in leadership roles), and an explanation of any factors that contributed to weak performance and how these have been addressed. The University admits approximately 20 students to the program each fall.

The program provides students with academic and other support designed to assist them in succeeding at Rockhurst. Selected faculty and staff work together to combine various student services, including academic advising, tutoring from the Learning Center, and counseling from the Office of Student Development to create comprehensive support for Freshman Incentive Program (FIP) students as they make the transition to college life.
Students admitted to the program will be notified by the Office of Admission and are required to participate fully in the program.

Program requirements (applicable to freshman year only):
◆ Enroll in a first-year seminar;
◆ Enroll in specific FIP courses (usually two each semester);
◆ Take no more than 14 credit hours each semester;
◆ Attend an orientation to the FIP;
◆ Participate in all scheduled FIP workshops; and
◆ Meet monthly with an academic advisor and/or the Director of New Students.

FIP students plan their programs of study in consultation with an academic advisor and fulfill requirements for degree-seeking students.

The Center for Service Learning
Rockhurst University inspires in its students a commitment to service to the larger community. The Center for Service Learning fosters this commitment through campus-wide community service projects, assistance with individual volunteer opportunities, and service-learning projects designed with faculty to complement academic courses.

The Center organizes the Finucane Service Project during Orientation Week (for freshmen) and National Youth Service Day in the spring semester. Both service projects involve work in the local community. In addition, the Center sponsors a variety of service projects in which students may participate throughout their academic career. All students are strongly encouraged to participate in community service during their time at Rockhurst.

Upon completion of volunteer projects and service-learning activities, students submit a form with a record of the project to the Center for Service Learning. Students' service hours with nonprofit agencies are recorded on a service transcript, which is available to the student upon request.

The Center for Service Learning is located in Van Ackeren Hall, Rooms 208/210, telephone 816-501-4545 or 816-501-4642.

Deans' Undergraduate Fellowships for Research and Creative Activity
The Deans’ Undergraduate Fellowships support research and creative activity by full-time undergraduates in any discipline. Fellowships provide a weekly stipend for a period of five to eight weeks during the summer for students working under the supervision of Rockhurst University faculty mentors. Each fellowship is awarded on the basis of the quality of the proposal, the applicant's academic record, and the recommendation from the faculty mentor. Deans’ Research Fellows present their work at the annual Rockhurst Student Achievement Festival. They are also expected to pursue opportunities to present their work to the larger scholarly community within their disciplines.

The Pre-Engineering Program
Pre-Engineering students have the option of completing an engineering degree at an affiliated school of engineering: Marquette University, the University of Detroit-Mercy, the University of Missouri-Columbia, or the University of Missouri-Rolla, or at any of the other accredited engineering schools in the region. If they so desire, they may arrange to receive a dual degree from both Rockhurst University and the school of engineering they select.
Pre-Law
The Pre-Law Committee of the American Bar Association and the Law School Admissions Council both recommend for those considering a career in law, an undergraduate educational program that has a strong liberal arts focus. As such, there is no official “Undergraduate Program” for pre-law studies that is required to enter law school. Instead, students entering law school have a wide diversity of educational backgrounds, including English, history, philosophy, art, computer science, education, political science, and so on. Rather than be concerned over the specific content of the undergraduate experience, law schools are primarily interested in students who have developed the skills necessary to succeed in the field of law, such as logical reasoning, problem solving ability, critical reading skills, and excellence in oral and written communication. Rockhurst University’s Core Curriculum, along with the wide variety of liberal arts majors that are offered, provides students interested in a career of law with an excellent preparation for law school. In particular, the Core Curriculum lays a strong foundation for students preparing to take the Law School Aptitude Test (LSAT) through its central focus on critical thinking and proficiency in oral and written communication. Any student interested in Pre-Law should contact the Pre-Law Advisor, who assists with the preparation for admission to Law School and provides legal career counseling.

The Pre-Medical and Pre-Dental Program
Rockhurst University has a very active program for those who wish to pursue a career in medicine, allopathic (M.D.) or osteopathic (D.O.), or dentistry, (D.D.S. or D.M.D.). Its liberal arts core, along with a major in biology or chemistry, meets all the medical and dental school requirements of science and non-science courses.

From the first declaration of intention, the pre-medical or pre-dental student is assigned a member of the Pre-medical and Pre-dental Advisory Committee as academic advisor. The function of the advisor is to see that students meet the course work requirements on schedule and to encourage them to maintain high performance and motivation. The advisor will also provide catalogs, literature and guidance about medical or dental school requirements, and counsel students on the MCAT (Medical College Aptitude Test) or the DAT (Dental Admission Test), which are usually taken at the end of the third year of college.

Finally, the Pre-medical and Pre-dental Committee interviews the prospective applicant during the junior year and writes the official letter of recommendation. Pre-medical and pre-dental students are encouraged to consult frequently with their advisors concerning their course work. The chairpersons of the Pre-medical and Pre-dental Advisory Committee are members of the National Association of Advisors to the Health Professions.

Pre-Medical Scholars Partners Program – Kansas City University of Medicine and Biosciences (KCUMB)
By special arrangement between Rockhurst University and Kansas City University of Medicine and Biosciences (KCUMB), College of Osteopathic Medicine, students interested in Osteopathic Medicine may obtain early acceptance to KCUMB. The student must have an ACT score of 26 and by the end of first year at Rockhurst have a GPA of 3.5. After an interview, two students are selected each year for the program. The selected students transfer to KCUMB after their third year at Rockhurst, and graduate from Rockhurst after their first year at KCUMB. The student applies for the program at the beginning of sophomore year; the selections will be made that semester.
The Pre-Medical Scholars Program – Saint Louis University
By arrangement between Rockhurst University and Saint Louis University, students interested in attending Saint Louis University’s medical school may obtain early acceptance into its MD program—normally after the end of their sophomore year. The student then continues at Rockhurst through graduation. To become a Pre-Medical Scholar, a student must have a strong high school academic record, strong letters of recommendation, and good test scores (ACT composite of 30 or SAT composite of 1400 with 700 verbal). The Rockhurst University Pre-Medical Advisory Committee invites students into this program upon their entrance into the College of Arts and Sciences.

The Pre-Medical Post-Baccalaureate Certificate Program
The Pre-Medical Post-Baccalaureate Certificate Program is intended for those students who have completed a baccalaureate program, usually in a non-science area, and who now desire to come back to school to complete their science requirements for medical school. This program is applicable to those preparing for either allopathic (MD) or osteopathic (DO) medical schools. It is also appropriate as preparation for other health careers, e.g. dentistry. The requirements do not differ.

This program is not intended as a remedial program for students who have taken all of the required courses and need to improve their grades. It is not an “MCAT prep” course.

The applicant will be a strong student, one who will probably be competitive in a medical school application. Therefore, one’s collegiate grades are generally B or better. There are no strict cut-off grades for admission to the program. Rockhurst prides itself on individual attention to each student; hence many factors will go into one’s acceptance into this certificate program. This program has great flexibility.

The Admissions Committee and the Pre-Medical Advisory Committee review applications throughout the year. Students are informed by mail shortly after the decisions are made. An interview is not required, though it may be desired.

The prospective student must supply the following before the application can be acted on:
1. Completed application form.
2. Official transcripts from all previous colleges, and ACT or SAT scores.
3. Application fee of $25.
4. An essay explaining your intentions (not more than 500 words) on the application.

Students who complete this program with satisfactory grades will be awarded a Certificate in Pre-Medical Sciences.

Additional information concerning the program and an application for admission to the program may be obtained from:

Office of Admission
Rockhurst University
1100 Rockhurst Road
Kansas City, Missouri  64110-2561
(816) 501- 4100 or 501-4097
1-800-842-6776
http://www.rockhurst.edu

Or you may email Graduate Admission directly at: graduate.admission@rockhurst.edu.

See also the description of the program in the undergraduate School of Graduate and Professional Studies section of this catalog.
The Pre-Occupational Therapy Program

Occupational therapy is a health care profession that uses “occupation” or purposeful activity to help people with physical, developmental, or emotional disabilities lead independent, productive and satisfying lives. Rockhurst University’s Occupational Therapy Education Program can lead the freshman student to completion of the Master of Occupational Therapy degree in five years.

Students interested in pursuing studies in Occupational Therapy are encouraged to contact the chair of the department early in his/her academic studies to assure completion of program requirements for application to the program in a timely manner. Please refer to the graduate section of the catalog for more information on the Master of Occupational Therapy degree.

The Pre-Optometry Program

Rockhurst offers a four-year pre-professional program for students interested in pursuing the Doctorate in Optometry, O.D. This program, based in the Division of Natural Sciences, leads to a bachelor’s degree and provides students with the undergraduate courses in biology, chemistry, physics, and math necessary to pursue the advanced professional degree. There is no uniform listing of courses required by all Colleges of Optometry. Hence it is important that students interested in this program should consult regularly with the pre-optometry advisor.

The Pre-Pharmacy Program

Students interested in going to pharmacy school to obtain the Doctor of Pharmacy degree, Pharm.D., have a number of options available to them. It is usually possible to apply to pharmacy school after two years at Rockhurst, following the basic track of a chemistry or biology major. Since the requirements vary from one Pharmacy school to another, it is important that the student consult the Pre-Pharmacy advisor for details.

Rockhurst has a special agreement with Creighton University School of Pharmacy which assures the student an interview after 63 credit hours (specified), a composite grade of 60 on the PCAT and a cumulative GPA of 3.5.

The Pre-Physical Therapy Program

The primary focus of Rockhurst University’s Physical Therapy Education program is on the preparation of students to provide prevention, education, examination, and intervention services to persons whose abilities are threatened or impaired by developmental deficits, aging, physical illness or injury. The Doctor of Physical Therapy degree is designed for the person with an undergraduate degree in a field other than physical therapy, so any undergraduate major offered by Rockhurst University, in addition to completion of the required pre-requisites, prepares the interested student for application to the Physical Therapy Program.

Students interested in pursuing studies in Physical Therapy are encouraged to contact the chair of the department early in their undergraduate studies. Please refer to the graduate section of the catalog for more information on the Doctor of Physical Therapy degree.

The Pre-Physician Assistant Program

Rockhurst offers a four-year pre-professional program for students interested in pursuing a Master of Physician Assistant degree. This program, based in the Division of Natural Sciences, leads to a bachelor’s degree and provides students with the undergraduate courses
in biology, chemistry, physics, and math necessary to pursue an advanced professional degree. Students interested in this program should consult with the pre-physician assistants advisor.

The Pre-Veterinary Medicine Program
Rockhurst offers a four-year pre-professional program for students interested in becoming veterinarians. This program, based in the Division of Natural Sciences, leads to a bachelor’s degree and provides students with the undergraduate courses in biology, chemistry, physics, and math necessary to pursue the Doctorate in Veterinary Medicine, D. V. M. Since the requirements from one College of Veterinary Medicine to another vary somewhat, it is important that students interested in this program consult with the pre-Veterinary Medicine advisor.

Army ROTC
The Army Reserve Officers Training Corps (ROTC) provides college-trained officers for the U.S. Army and Army Reserve. With the exception of a five-week paid summer camp, all instruction is presented on the University of Missouri-Kansas City campus. Various field training exercises are conducted to further enrich students’ leadership skills.

A commission as a second lieutenant in the U.S. Army, Army Reserve or National Guard is awarded to individuals who have successfully completed the ROTC program and obtained a baccalaureate degree. Currently, college graduates who are commissioned through ROTC are placed on either active duty, the reserves or National Guard duty, depending on their desires and on the needs of the service at the time of graduation. The length and type of obligation will depend on the scholarship awarded.

ROTC instruction usually is presented over the four years of traditional full-time study. This also allows commissioning at the same time graduation requirements are met. However, a two-year program is available for students who were unable to take the first two years of instruction and want to earn a commission.

Financial assistance is available through the U.S. Army Scholarship Program. Two-, three- and four-year scholarships are awarded each year to selected students who are enrolled or will enroll in the Army ROTC program. The scholarships provide payment of tuition, fees, textbooks and a monthly tax-free payment of $200 for the duration of the scholarship, not to exceed 10 months for each year of the scholarship. These scholarships are available for both undergraduate and graduate students. Non-scholarship contracted cadets in the advanced portion of ROTC receive $200 each month, not to exceed 10 months per year for two years. Students are furnished free textbooks for military science classes.

The Simultaneous Membership Program (SMP) allows students to be a member of a National Guard or Reserve unit while enrolled in ROTC. Advanced course SMP students receive E5 pay, plus $200 per month from ROTC, plus any Active Duty GI Bill entitlement.

Rockhurst students who would like more information about the ROTC program should contact the Department of Military Science at University of Missouri-Kansas City: (816) 235-1152, armyrotc@umkc.edu, or http://www.umkc.edu/rotc

The Center for Arts and Letters
The Center for Arts and Letters supports the University’s mission of instilling a love of learning and an awareness of moral responsibility in its students by offering events that assist the faculty in accomplishing that mission. These events include a range of cultural
offerings: lectures, performances, readings, films, study trips and exhibits. The Center sponsors these programs: Center Study Trip, Visiting Scholar Lecture Series, Rockhurst University Theatre, Return to the Classics, Film Series, Plays-in-Progress Workshop, Musica Sacra Chorus and Orchestra, the Rockhurst Review, Midwest Poets Series, Greenlease Gallery, Rockhurst University Chorus, Chamber Singers, Women’s Chorale, and Writers at Work.

Study Abroad
Rockhurst students are encouraged to study abroad in a number of accredited programs that literally open the classroom door to the world. A variety of well-established programs is available in many locations around the world through a number of affiliated universities and study abroad providers. In recent years, our students have studied in countries including Australia, China, England, France, Germany, Ireland, Italy, Kenya, Mexico, and Spain. In addition to year-long programs, students may choose to study abroad for a single semester or during the summer. Opportunities range from studying at American-style campuses with classes conducted in English to participating in immersion programs, in which students live with host families and take classes together with students from the host countries. Internship programs available at certain sites provide specific practical experiences in international settings.

Students studying abroad are registered as full-time Rockhurst students, and may apply State or Federal financial aid toward the cost of studying abroad. Students may receive transfer credit for elective, core, or major courses, keeping their programs of study on track while experiencing diverse cultures. Contact the Director of Study Abroad to learn about available programs and for assistance in the application process.

In addition to the large number of programs available through study abroad providers, Rockhurst offers three programs of international study through the Department of Classical and Modern Languages and Literature:

◆ Mexico. Students may attend a summer program of intensive study in Spanish at several locations in Mexico, including Oaxaca, Puebla, Merida, and Xalapa. Students may live with local families while studying a variety of subjects—from archaeology to politics. Students who participate in this program can obtain credit during the summer, as well as experience significant improvement in their Spanish proficiency.

◆ France. The Rockhurst Department of Classical and Modern Languages and Literature provides a unique summer program in France for students of any major. Students experience the culture and excitement of a specific region of France while gaining French language proficiency and valuable insights through first-hand experience.

◆ Spain. Students have the opportunity during the summer to study in a language and cultural immersion program in Spain. The program can accommodate students at all levels of language proficiency. Students earn academic credit, stay with a Spanish family, and travel to areas of interest several weekends during the program.

The Gervais Learning Center
The Gervais Learning Center offers a wide range of services in support of the academic life at Rockhurst. Located in Van Ackeren Hall, it provides a pleasant and convenient place to study between classes. Computers are available to students, and staff will provide assistance with their use.
The Learning Center offers academic support services free of charge to Rockhurst undergraduates. Peer tutoring and Supplemental Instruction (SI) are two of the major activities. Tutoring is available for many undergraduate courses, and SI is available for selected courses. Peer tutors and SI leaders are recommended by faculty members in the appropriate field, and are trained to provide assistance to other students individually or in small groups. Tutoring and SI have a double benefit: they offer students assistance with difficult course work; they also offer an opportunity for the tutors and SI leaders to deepen their understanding of their field, sharpen valuable skills in communication and interpersonal relations, and enhance their leadership skills.

Some services are available to both undergraduate and graduate students. Writing assistance is one of these services, and is provided by professional and student staff members who work with students to improve critical thinking and writing skills. Students can use writing assistance in connection with any specific course, or any college writing task—a scholarship or graduate school application, for example. From the planning stage to final editing, students receive assistance that extends throughout the writing process.

The Learning Center offers students individualized assistance in developing study strategies such as textbook reading, note taking, and exam preparation. Students develop and apply their study strategies in conjunction with current course work.

The Learning Center is committed to providing the Rockhurst community with academic services designed to assist all students in making the most of the opportunities the University provides.

The Advanced College Credit Program (ACCP)
ACCP provides an opportunity for juniors and seniors in high school to earn both college and high school credit for selected courses. Students must have a cumulative GPA of 3.0 on a 4.0 unweighted scale and be recommended by the high school to participate in the program. A student may enroll in no more than 11 college credit hours per semester. Rockhurst Advanced College Credit may also be accepted in transfer by other colleges or universities at their discretion. The Rockhurst ACCP coordinator is responsible for the application and registration process. For more information, call the Office of the Dean of Arts and Sciences, (816) 501-4075. High schools wishing to work in partnership with Rockhurst University to provide ACCP courses must have the high school faculty approved by the respective Rockhurst University department.
COLLEGE LIFE

Student Development

We believe each student is blessed by God with unique gifts and abilities. We strive to assist them in deepening their self-awareness, discovering their passions and engaging others on a local, national and global stage. Inspired by our Jesuit tradition, we seek to help students recognize the good in the world around them, see where injustice persists and find their place of action in reconciling the two. With the power granted to us by our Creator, we work to value and appreciate the unique strengths and potential of people within and beyond the Rockhurst University family.

To this end, Student Development strives to:

• Create living and study environments that support the learning objectives of faculty and staff at the University;
• Engage students at their current point of development and challenge them to discover and enhance their individual gifts and abilities through co-curricular and extra-curricular programming, advising, and counseling comprised of residential, spiritual, career, multicultural, and wellness components;
• Contribute to the formation of student leaders who become more capable and invested in being men and women for others by providing interactive and reflective leadership activities that foster awareness, creativity, love, and courage;
• Work hand in hand with students and the entire Rockhurst University family in providing service to others throughout our global community;
• Challenge ourselves to become active learners, role models and educators as we continuously grow and develop personally and professionally;
• Assess the impact we have on all aspects of student growth and development by qualitatively and quantitatively reviewing our programs and services.

The Student Development department consists of the following areas:

◆ Access: Rockhurst University welcomes qualified students from diverse backgrounds and strives to maintain an atmosphere of respect and sensitivity toward the ultimate dignity of every person. Rockhurst University does not discriminate on the basis of race, color, gender, religion, national origin, age, disability or any other status protected by applicable law in the administration of its educational policies and other University-administered programs. It is the policy of Rockhurst University to provide reasonable accommodations for students defined as disabled in Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and other applicable law.

The Access Office assists Rockhurst University in complying with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Students in need of accommodations must identify themselves to the Access Office and provide documentation of their disability. The Office then is able to facilitate reasonable accommodation for equal access to academic and other University-administered programs. The Access Office is located in Massman Hall, Room 7, (816) 501-4689.
◆ **Administration/Dean of Students:** Students with general questions and concerns as well as in need of guidance about opportunities and responsibilities are invited to come to this office. It also publishes the Student Handbook annually that provides additional information about campus life as well as all policies that affect students. Students in crisis can also receive assistance and consultation about campus and community resources. In addition, the office coordinates international and domestic service trips over spring break and the summer in conjunction with several academic programs at the University.

◆ **Campus Ministry:** Rockhurst is a proudly Catholic and Jesuit university. The campus ministers strive to serve that community of faith and to support people of other faith traditions as well. We embrace Jesuit traditions, especially “developing the whole person and becoming a person for others.”

To help our students strengthen their spiritual life, we provide daily and weekly Eucharistic liturgies at which students act as the liturgical ministers. A variety of retreats are offered each semester, such as the "Frosh Get-A-Way," the Retreat on the Rock, the Busy Person’s Retreat, the 5th Week Retreat, and the SuperNatural Christians (backpacking) Retreat. Each year students are selected to be Campus Ministry Student Leaders in the areas of liturgy, music, social justice, social events, and spiritual life.

Students may also choose to join Christian Life Community (CLC), a faith sharing group which meets weekly. The Campus Ministry staff is always available to students and faculty and staff who wish to discuss issues relating to their faith journey in an open, honest, and confidential manner. The offices are located on the lower level of Massman Hall.

◆ **Career Services:** The mission of Career Services is to assist Rockhurst University students and alumni through all phases of their career development, provide leadership to the Rockhurst University community on career development issues and develop positive relationships with employer partners and other external constituencies of the institution. The professional staff provides individual career advising, Strong Interest Career Inventory, the Myers-Briggs Type Indicator, Holland Self-Directed Search, CareerWay (a computerized career exploration tool), and career planning classes for credit (CT 1120 for freshmen and sophomores and CT 4220 for seniors). Also, opportunities are available for assistance with choosing a major, networking, interviewing, resumes and cover letters, and job search strategies.

Students are encouraged to establish a relationship with Career Services early in their academic career by establishing their individualized web-based RU Career Account. Opportunities for work-study, part-time, intern, co-op, and full-time work opportunities are available for student review, along with the opportunity for students to electronically post their resumes. Many employers visit campus each year via career fairs and campus interviews, or directly request student resumes through the Career Services web resume books. In addition, the web page provides links to career resources, job listings, employer sites, and career search tips.

◆ **Goppert Cooperative Education Program (Co-op):** This Career Services program provides an excellent opportunity to apply skills and knowledge in a professional work environment before graduation. Participants are able to make more informed decisions on their career direction after experience in their field of study.

Co-op is a paid, structured internship program with work periods corresponding in length to a semester or a summer break. Academic credit is earned for each work
period based upon the number of hours completed. Undergraduate students can earn up to six (6) hours of elective credit toward degree requirements. In addition to academic credit, a letter grade is awarded based on the employer’s evaluation of the student’s work performance and an assigned work project paper submitted by the student.

To be eligible for the program, students must have completed 60 hours prior to the work period and maintained a minimum 2.0 GPA. Transfer students must complete one semester of full-time classes at Rockhurst University prior to starting a co-op work position.

**CP 3910, 3920. Co-op Work Projects I, II (1-3)**

Work experience that is off-campus, paid, and provides students exposure to employment in various organizations. Ideally, employment will be in an area as closely related to the student's major as possible. Students must have completed 60 hours of college work prior to the first work period, and have a minimum 2.0 GPA. Transfer students must complete one semester of classes at Rockhurst before their first work period. Each course can be taken only once for a maximum of three hours per course.

- **Conference Services**: Conference Services organizes conference programs for internal and external groups holding camps and overnight conferences on campus. Conference Services coordinates room reservations, meal arrangements, and audio-visual needs for special events and meetings for conference groups.

- **Counseling Center**: The college years contain exceptional opportunities for intellectual discovery, as well as personal growth and development. Students are faced with multiple decisions regarding their individual behavior and identity development, relationships with peers and family, and academic progress. Taken together, the academic, social and psychological challenges encountered by students can be stressful and demanding. Students often seek assistance in developing useful skills and coping strategies as they navigate through the transitions inherent in this period of their lives.

  The Counseling Center is a supportive resource for students to help address these life challenges and obtain maximum benefit from their college experience. Individual and group counseling are available with a licensed psychologist or counselor to address student concerns in a confidential setting. The Counseling Center is actively involved in promoting healthy development and overall wellness through sponsorship of PEERS (Positively Educating Each Rockhurst Student) and the Social Mentors programs. Additionally, workshops and other outreach activities are offered to those students wishing to enhance their personal skills and effectiveness with the help of Counseling Center staff. A range of consulting services is also available to all students, faculty and staff. The Counseling Center contributes to the Rockhurst mission of creating an environment within which students can develop not only intellectually but as whole persons.

- **Health Services**: Rockhurst University operates a Health Services clinic open during regular hours each weekday. Most primary and acute care services are available through the clinic. Services provided in the clinic can be billed to most health insurance policies. The clinic is staffed by a family nurse practitioner who works in collaboration with a family practice physician from Goppert-Trinity Family Care. A physician from Goppert Trinity Family Care is available to Rockhurst students 24 hours per day should an urgent need arise outside of Health Service hours.

  Rockhurst has an admission policy requiring all incoming students to show proof of immunity to measles (rubella), either by vaccination or documented history of the disease. In the state of Missouri, there is a meningococcal disease (meningitis) educa-
tion/vaccination requirement for all students who reside on campus. The requirement must be met either by providing documentation of the vaccination or by completing a waiver indicating that the student has received the information and decided not to have the vaccination. Most vaccines are available in the Health Services clinic.

◆ **New Students/Retention Services:** The Office of New Students/Retention Services facilitates new students' adjustment to Rockhurst by providing support, answering questions and assisting in problem solving. The goal of the office is to ensure that the new student's first year at Rockhurst is successful and satisfying, beginning with orientation.

On the Saturday, Sunday, Monday and Tuesday before regular fall semester day classes begin, all new freshmen students are required to be present for a special orientation program. A brief program is also designed for transfer students. Freshmen and transfer students also complete the formal registration process at this time.

The series of orientation presentations, discussions, a service project and social opportunities begun during these days is designed to introduce students to Rockhurst's mission of learning, leadership, and service in the Jesuit tradition. Students are introduced to the opportunities available for assistance in improving study habits, choosing careers, solving scholastic difficulties and interpersonal concerns. During these days students get acquainted with one another, with upperclass students, the faculty and staff. An orientation fee is required of each student.

◆ **Residence Life:** Residence Life considers a student's on-campus experience an integral part of the educational program. The group living situation is meant to enhance the student's classroom experiences and provide opportunities to make responsible decisions which exercise self-discipline and concern for the needs of other students. There are different types of residential options available on campus: Incoming underclassmen are housed in Corcoran and McGee Halls; the Town House Village and Xavier-Loyola Halls and on-campus houses are for upperclassmen. Each of the housing options is staffed by a Resident Director/Area Coordinator with a staff of undergraduate resident assistants. Their main responsibility is to assist in developing an environment which is supportive of the educational mission of the University and conducive to the personal development of each student.

While the residence halls have traditionally served out-of-town students, Kansas City area students are encouraged to live on campus in order to experience campus life more fully.

Rockhurst University has a residency requirement that requires all full-time students to live with their parents or on campus unless students meet the following conditions:

- Students classified as juniors having completed 60 hours with at least a “C” grade point average.
- Students who have lived on campus for four semesters.
- Declared nursing students who reside in Research Housing Complex.
- Students who are age 23 or older.
- Students who have completed active, full-time military service.
- Students who have a spouse or dependents living with them.
Residency includes participating in the regular meal plan offered by the university food service for both fall and spring semesters, if the student resides in one of the traditional halls.

RA 2500. Resident Leadership Seminar (1-2)
Fall semester
A one- or two-credit seminar designed to provide Resident Assistants with in-depth discussion and training on topics concerning residential communities, including communication skills, confrontation, working with groups, critical issues, programming, and the importance of their role as a Resident Assistant. All Resident Assistant staff must take this course once and receive a C or higher to retain their Resident Assistant position. Prerequisite: Instructor approval.

◆ Student Activities and Greek Affairs: Student Activities and Greek Affairs provides guidance for all student clubs and organizations, supervises organized social activities, and assists those students who choose to affiliate themselves with a Greek organization during their campus experience.

Student activities at Rockhurst are intended both to provide entertainment and to contribute to a well-rounded educational experience. As a member or officer of a student organization, the student is frequently exposed to situations that offer opportunities to develop or apply organizational and leadership skills. The involvement in student groups can also expose the student to new areas of interest or experiences that complement those encountered in the classroom.

Most student organizations and the events or programs they sponsor originated as a result of the initiative of interested students. Students are encouraged to further pursue their areas of interest through the development of new student organizations or the introduction of new programs sponsored through existing organizations. A professional student activities staff is available to advise and assist students in the pursuit of these interests. The Handbook for Student Organizations provides information regarding guidelines and policies for existing groups as well as procedures for the establishment of new organizations. It’s All Greek to Me provides information on the policies and procedures for all of Rockhurst’s social Greek-letter organizations. More detailed information regarding specific student groups may be found in the Student Development Office.

Student Responsibilities & Community Standards of Behavior
Rockhurst University is a community that mirrors in many ways the strengths and weaknesses of the larger society. Within this community, students, faculty, administrators and friends interact for the mutual benefit of all. The University fosters high values, standards, and goals with the hope that every student will recognize these as opportunities for personal growth.

The Student Code of Conduct conveys the minimum essentials that experience has shown necessary to provide an atmosphere conducive to the pursuit of “Learning, Leadership, and Service in the Jesuit Tradition.” These essentials are normally articulated within the Student Handbook (student creed, accompanying guidelines, and judicial review process), this Catalog, and all official notices and bulletins.
University Communication with Students

Clear and timely communication allows students to receive information related to policies, programs, events, and other practical matters (i.e. billing, grades, etc.) affiliated with their education at Rockhurst. The University has established several key routes for communication with students including:

- Rockhurst E-mail Account: All Rockhurst students receive a University e-mail account. All e-mail communication from the University is directed exclusively to the Rockhurst electronic mailbox system. Students are expected to access their e-mail account on a regular basis (daily is recommended) in order to stay abreast of important and time-sensitive information. University departments, faculty, and staff will routinely use e-mail to communicate important campus, academic, and extra-curricular/co-curricular information. It is the responsibility of each student to clean their e-mail boxes to allow capacity for incoming messages (i.e. empty deleted items, keep a limited number of sent items, etc.). For further information on your Rockhurst e-mail account, please see Computer Services (Conway Hall 413; x4357; www.rockhurst.edu).

- Addresses and Phone Numbers: Students are required to maintain accurate local, billing, permanent, and emergency contact information so that attempts to communicate by the U.S. Postal System as well as phone will not be impeded. To make changes to your addresses or phone numbers of record, please visit the Rockhurst website (www.rockhurst.edu; Oracleweb section under Registrar) or contact the University Registrar (Massman Hall 110).

- Voicemail Boxes: Students who live in Rockhurst’s residence halls and Townhouse Village are required to set up and regularly check their voicemail boxes. For assistance please speak to a Residence Life staff member or the Switchboard Operator (Massman Hall, 1st Floor Entry).

- Campus Mailboxes: Students who live in Rockhurst’s residence halls, Townhouse Village, or Theme Houses are assigned a campus mailbox located in Massman Hall where U.S. Postal Service mail and other University communications are delivered. For assignment inquiries please connect with Residence Life (Massman Hall 2) and for mailbox malfunctions please speak with the Mailroom staff (Massman Hall, Lower Level).

Students’ failure to set-up, maintain, or update any of the above communication devices will not excuse them from being responsible for information and deadlines enclosed within the attempted communications by the University. Rockhurst strongly encourages students to communicate with relevant University offices regarding information needs, questions, and concerns, and welcomes new and innovative ideas for enhancing communication with the student body as a whole.

Athletic Programs

◆ Intercollegiate Sports. In keeping with our cultural heritage and American college tradition, Rockhurst offers a competitive intercollegiate athletic program. The primary purpose is to provide talented students opportunities to participate in team competition with other colleges and universities.

Rockhurst is currently affiliated with National Collegiate Athletic Association (NCAA) II and the Great Lakes Valley Conference. Conference sports are baseball,
basketball (men and women), golf (men and women), soccer (men and women), softball, tennis (men and women), and volleyball. Rockhurst's athletic facilities include Mason-Halpin Fieldhouse for basketball and volleyball; the renovated Bourke Field for soccer; the new baseball and softball fields and tennis courts in Loyola Park.

The Physical Education and Convocation Center, adjacent to the fieldhouse, hosts all intramural and recreational activities. The Center houses facilities for handball, racquetball, basketball, volleyball, badminton and weight exercise.

◆ **Intramural Sports.** Students interested in recreational opportunities through intramural competition have a full program of activities including formal tournament competition in many different sports, leading toward the All College Intramural Championship. Competing organizations, teams and individuals are urged to contact the Athletic Office in the Physical Education and Convocation Center to obtain application dates and times to assure representation in the intramural program. Currently there are more than 30 activities to choose from, including basketball, softball, volleyball, hockey, football, tennis and soccer, among others.

◆ **Club Sport Program.** The Rockhurst University Club Sport Program exists to provide additional opportunities in competition and recreation for students in those physical activities which are not funded through the intercollegiate athletic program. Although the department will provide encouragement and guidance for these various affiliated clubs, the emphasis is on student interest and leadership to initiate, organize, finance and conduct their respective clubs. Currently, club teams are sponsored by the students in rugby and LaCrosse (men). All club sport teams must be registered through the Student Development Office.

**Campus Security**

The Rockhurst University Safety and Security Department is a full service department, which operates 24 hours per day, 7 days per week. The department supplies a full list of protective services.

*These services include:*

a. A fully staffed dispatch operation with 24 hour per day, 7 day per week emergency/non-emergency telephone answering, radio dispatching of field personnel, alarm and access control monitoring, closed circuit TV monitoring as well as customer service at a walk-up window.

b. Armed field personnel trained internally in the use of firearms and tested annually by the Kansas City, Mo. Police Department. These Officers respond to all calls for service, both emergency and non-emergency. They also do parking control duties, and perform self-initiated activity, designed to prevent crime. They do investigations, write reports, provide escorts on campus, maintain a close, positive contact with all members of the campus community and the surrounding neighborhood. Close ties with the city police are also maintained on a continuous basis.

The Safety and Security Department is assisted in its security efforts by an extensive on-campus Security telephone system. The department patrols the campus by motorized vehicles and on foot.

The Safety and Security Department participates in the educational mission of the University by sponsoring and presenting programs on a wide range of Security and Safety related issues.
Jeanne Clery Campus Security Act
The University follows the mandates of the Campus Security Act of 1990 (now known as the Jeanne Clery Campus Security Act). This report includes statistics for the previous three years concerning reported crimes that occurred on-campus; in certain off-campus buildings or property owned or controlled by the University; and on public property within, or immediately adjacent to and accessible from, the campus. The report also includes institutional policies concerning campus security, such as policies concerning sexual assault, and other matters. Copies of this report can be obtained by contacting the Safety and Security Department, Rockhurst University, 1100 Rockhurst Road, Kansas City, Mo., 64110-2561, (816) 501-4659, or by accessing the following web site: www.rockhurst.edu/services/security/prevent.asp.

Registration of Vehicles
Any student, faculty member, or staff member who parks in a Rockhurst University Parking lot must display a current University Parking Permit. Two permits are issued, one for display on the left front of the vehicle, either on the windshield or bumper; the other permit is displayed on the left rear of the vehicle, either in the rear window or bumper. The permits are valid for one year, from August 31 to August 31. They must be renewed each year by September 1. The permits are currently free of charge.

Although this registration does not guarantee a University parking space, it does allow the University to limit parking to students, faculty and staff. A limited number of visitor parking stalls are available on campus. There are some areas reserved on campus, i.e., handicapped parking, Jesuit parking, visitor, etc. These stalls are all marked for recognition.

All parking areas are well lighted and equipped with Security telephones; and in most, closed circuit television.

Parking on a Rockhurst University Parking Lot without a current permit will result in a parking violation ticket being issued. The cost of a ticket is $5.00. If not paid by a designated date additional monetary considerations will accrue. Tickets may be issued for other violations besides no permit. The same fine applies. Parking spaces are at a premium at the University, so if a student is able, he or she might want to arrive several minutes early for class.

Identification Card
Students, faculty and employees of Rockhurst are issued a Rockhurst photo ID, which gives access to services both on and off campus. All students are required to have the ID card. The “One Card” system can be used for:

- Access control to student residences.
- Access control to the 24-hour computer lab.
- Track declining balance debit card for cafeteria use.
- Library card for the Greenlease Library, as well as other Missouri academic libraries.
- Athletic equipment check out.
- Admittance to Rockhurst artistic and athletic events.

The first ID card is provided free of charge. Replacement cost of lost or stolen cards is $25. If a student has a history of losing their card, additional charges will be added.
GRADUATE DEGREES OFFERED

Through the School of Graduate and Professional Studies, Rockhurst University confers the following degrees:

Doctor of Physical Therapy (D.P.T.)
Master of Education (M.Ed.)
Master of Occupational Therapy (M.O.T.)
Master of Science in Communication Sciences and Disorders (M.S.)

Certificate Programs
Bilingual Track for Communication Sciences and Disorders
Pre-Medical Post-Baccalaureate Certificate Program

Through the Helzberg School of Management, Rockhurst University confers the following graduate degree:

Master of Business Administration (M.B.A.)
Master of Business Administration (M.B.A.), Executive Fellows Program

GRADUATE STUDIES

Graduate education is characterized by advanced study in a selected discipline or interdisciplinary program. Hallmarks of graduate education include integration of information related to both theory and practice, advanced analytical skills, disciplined inquiry and refined communication skills. Rockhurst University’s graduate programs build on the institution’s Catholic and Jesuit traditions, emphasizing excellence in values-based education and developing leaders committed to service for others.

Rockhurst University offers both graduate degrees and certificate programs to enhance one’s personal and professional development. The School of Graduate and Professional Studies has curricula leading to a Doctor of Physical Therapy, a Master of Education, a Master of Occupational Therapy, and a Master of Science in Communication Sciences and Disorders. A Pre-Medical Post-Baccalaureate Certificate Program and Bilingual Track/Certificate in Communication Sciences and Disorders are also available. The Helzberg School of Management has both a Master of Business Administration and an Executive Fellows Program. Research College of Nursing offers a Master of Science in Nursing program in one of three tracks: Family Nurse Practitioner, Executive Nurse Practice, or Nurse Educator. Complete information regarding these programs can be found in the Research College of Nursing Catalog.

Students are responsible for maintaining a working understanding of the policies and regulations pertaining to graduate programs as well as those related to their specific area of study. In addition to the policies and regulations published in this Catalog, some programs have additional policies which are articulated in the program’s Student Handbook. Please contact the program to which you are accepted to obtain this information.
GRADUATE ADMISSION

Requirements for Admission
An applicant to any graduate program at Rockhurst University must satisfy the specific requirements of the individual program before full admission will be considered. The prospective student should refer to the sections of this Catalog which state the admission policies and procedures for the specific program of interest. Rockhurst welcomes students from diverse backgrounds and strives to maintain an atmosphere of respect and sensitivity toward the ultimate dignity of every person. Therefore, acceptance into a program will be made without regard to religion, race, gender, age, disability or national origin.

For specific Admission Requirements, see the particular program announcement.

1. Completion of a baccalaureate degree at an accredited institution OR for 3+2 program only (e.g. occupational therapy), the ability to complete a Rockhurst bachelor’s degree concurrent with enrollment in the first year of graduate studies.
2. The University requires a minimum cumulative undergraduate GPA of 2.5 on a 4.0 grading scale, however, individual programs may require a higher GPA. See individual program announcements for specific GPA requirements.
3. Completion of all required application materials.
4. Official transcripts from each college and/or university attended.

International Student Admission
An international student is any student who is not a citizen or resident legally permitted to remain in the United States for purposes of pursuing a full course of study in a specific educational program at a school in the United States that has been designated by the Department of Homeland Security as eligible to offer such programs. International students holding current F1 or other appropriate visas and currently attending an eligible U.S. institution are also considered to be international candidates for admission.

All international candidates for admission must submit the following materials:

1. An official international application form with recommendation completed by the student’s counselor;
2. English translations of final official transcripts from all institutions of higher learning. These official transcripts must be evaluated by an agency acceptable to Rockhurst which specializes in the evaluation of academic institutions outside the United States. An official report from the agency must be submitted to the Graduate Admission Office;
3. Results from the Test of English as a Foreign Language TOEFL. Proficiency in both written and spoken English is a requirement for students participating in Rockhurst University graduate programs. Students whose first language is not English are required to take the TOEFL before being considered for admission. The minimum score required for admission to a graduate program is as follows: 550 on the paper-based test; 213 on the computer-based test; 79 on the internet-based test. This requirement is waived upon demonstration of English language proficiency by successful completion of an undergraduate degree at a U.S. institution of higher learning;
4. Certification from a bank or a legally binding affidavit of financial support indicating the student’s ability to pay for educational expenses at Rockhurst.
Individual graduate programs have additional admission requirements. See the particular program announcement.

International students are encouraged to submit applications and documentation prior to regular application dates due to the additional time that may be required to review foreign credentials and to prepare visa documentation.

An I-20 Form will be issued to the international student by the Rockhurst University International Student Advisor when the student has met all admission requirements.

International students are required to participate in the student health insurance program during their tenure at Rockhurst.

GRADUATE TUITION AND FEES

For specific information about tuition and fees, see the Rockhurst University website www.rockhurst.edu. For special program fees, consult the particular program announcement. The University reserves the right to change tuition and fees at any time.

Payment Policy
Payment of tuition and fees finalizes registration, which begins with enrollment in classes. Failure to make payment will result in cancellation of enrollment and will require re-enrollment through the appropriate Dean's office and payment in the Business Office before attending class. Students who do not satisfy their financial obligations before the first day of class may not attend class. Students who do attend class and have not satisfied their financial obligations will be removed from class.

Tuition, fees, room and board (if applicable) are due by the tuition payment deadline, before classes begin, as shown on-line at the Rockhurst University website, www.rockhurst.edu. All late payments will be assessed a late fee.

Students whose accounts show unpaid balances from prior semesters will not be permitted to enroll in classes until all unpaid balances are cleared, including applicable penalty charges.

Payment Plans
The University currently offers students several tuition and fee payment plans. Students must pay the appropriate amount under their payment plan in order to be fully-registered and attend class.

Regular Payment Plan
Under the Regular Payment Plan, tuition, fees, and room and board (if applicable) are due in full before classes begin.

Alternative Payment Plans
Under an Alternative Payment Plan, the University allows students to pay tuition, fees, and room and board costs over an installment period depending on the plan selected. In order to qualify for any Alternative Payment Plan the student must have no history of account delinquency. Students who qualify for an Alternative Payment Plan finalize registration by having met the terms of their plan. Budgets for the Alternative Payment Plans
are computed using total costs less any financial aid, scholarships, or grants. Students using an Alternative Payment Plan will be required to sign a statement of financial responsibility.

No Alternative Payment Plan is available for summer sessions. Tuition, fees, room and board (if applicable) are due in full before classes begin.

**Tuition Management System (TMS)**

Students who are unable to make payment in full before classes begin may choose the University’s Interest-Free Monthly Payment Plan, offered in partnership with Tuition Management Systems, Inc. (TMS). This allows payment of full-year costs in 10 monthly payments beginning in June prior to the Fall term. There is an annual fee for the Interest-Free Monthly Payment Plan, which includes life insurance for the plan payor for the unpaid portion of the budget. For more information or to enroll, visit the TMS website, [www.afford.com](http://www.afford.com) or call 1-800-722-4867, or contact the Rockhurst University Business Office or Financial Aid Office.

**Deferred Payment Plan**

The University also offers a Deferred Payment Plan for eligible students under which one-third of the semester costs and a plan fee are due before classes begin for each semester, with the remaining balance paid in two equal amounts due October 1 and November 1 for the Fall semester, and March 1 and April 1 for the Spring semester.

The total amount of tuition and fees due under the above payment plans is reduced by the amount of approved scholarships, grants and net loans gross less processing fee) which the student has obtained through the Rockhurst Offices of Admission and Financial Aid except for student work awards. Students are responsible for finding a place of employment on campus and working the hours required to earn their work award.

**Employer Tuition Assistance and Reimbursement**

Students attending the University through University-approved employer-reimbursement must pay all costs before classes begin or, if the student is eligible, make arrangements for payment under an Alternative Payment Plan. Students whose employers pay partial costs are liable for those costs over and above that paid by the employer. Those costs paid by the student must be paid in full before classes begin or, if the student qualifies, tuition and fees must be paid under an Alternative Payment Plan. The reimbursement of the student is the responsibility of the employer.

Students are encouraged to make payment or arrangement for payment before the mail-in deadline by returning the invoice mailed to them by the Business Office. See the Rockhurst University website, [www.rockhurst.edu](http://www.rockhurst.edu) for tuition payment deadlines.

**Delinquent Accounts**

All late payments are assessed a late fee. Monthly charges of 1-1/2 percent will be added to delinquent accounts. Overdue accounts will be sent to an agency for collection. Collection costs and fees for unpaid balances forwarded to outside collection agencies will be borne by the student.

Transcripts of academic records will not be issued by the Registrar’s Office for any student or former student whose student account is delinquent or for any student or former student whose NDSL/Perkins Loan repayments are delinquent. Delinquent balances must be paid in full or repayment plans brought current prior to the issuance of academic transcripts.
Health Insurance
A health insurance plan designed for the students of Rockhurst University is currently available to all students. Benefits under this plan are described in detail in a brochure available in the Office of Student Development. The plan is mandatory for all international students. All full-time undergraduate students must participate unless they provide proof of current health insurance. The Rockhurst plan protects students 24 hours a day, whether on or off campus during the coverage term.

Alumni Discount Program
In an effort to provide increased opportunities for Rockhurst graduates to participate in and to reassociate themselves with the academic offerings of the University, Rockhurst offers an Alumni Discount Program.

Participating students must have earned a degree from Rockhurst University. Alumni holding a Rockhurst baccalaureate degree are eligible to take only undergraduate classes through the Alumni Discount Program. Alumni holding a Rockhurst graduate degree are eligible to take graduate or undergraduate courses through the Alumni Discount Program.

Alumni participating in the Alumni Discount Program will be subject to the same academic requirements, including prerequisites and admission qualification, as other students. Alumni should complete an application for readmission through the Office of Admission and must meet the regular readmission standards of the University.

Enrollment through the Alumni Discount Program will be on a space available basis only. Alumni are limited to one course per semester and a total of one course in the summer. The University reserves the right to exempt certain courses or programs from the Alumni Discount Program, such as nursing, physical therapy, independent studies, and other courses and programs the University may specify from time to time. Enrollment for students participating in the Alumni Discount Program will be held after regular students have completed registration. Although alumni are encouraged to seek information and readmission early, alumni may not enroll for classes under this program prior to the first day of classes. Enrollment in a class prior to this time will invalidate participation in the Alumni Discount Program for that semester.

Tuition for the Alumni Discount Program is to be one-half of the regular tuition for the particular course plus any special fee (e.g., lab fees). Tuition must be paid in full at the time of enrollment in order for the discount to apply. Tuition for a course under the Alumni Discount Program will not be applied to any other payment plan.

Non-Credit Enrollment Option
Rockhurst University offers a non-credit enrollment option that allows individuals over the age of 18 to participate in select undergraduate or graduate course offerings on a non-credit basis at a tuition rate of $130 per semester hour. Students participating in this program should contact the School of Graduate and Professional Studies in Van Ackeren Hall, Room 300, or call (816) 501-4767 to register.

Individuals selecting the non-credit enrollment option will be required to file a form indicating their understanding that the course is not for credit, that no academic record will be maintained in regards to their participation, and that they will be allowed to participate on a space-available basis. Final confirmation of one's ability to participate may not occur until the start of classes. Please note that it is not possible to change from a non-credit to a credit status after registration. Since the University will not maintain an acade-
mic record for students enrolled in the non-credit option, formal processing of withdrawals is not required. Out of courtesy, however, students should notify the instructor and the School of Graduate and Professional Studies of his or her intent to withdraw. Students enrolled in the non-credit option will receive a full refund if they contact the School of Graduate and Professional Studies indicating their desire to withdraw from a course by the full refund date as published on-line at the Rockhurst University web site www.rockhurst.edu, but will receive no refund thereafter.

The School of Graduate and Professional Studies will complete the registration process. Students participating in the non-credit enrollment option for undergraduate courses are not subject to any University admission criteria, including completing an Application for Admission. Individuals participating in the non-credit enrollment option for graduate courses may be required to present documentation that they have completed appropriate prerequisite work. The appropriate Dean’s Office will be responsible for assessing materials related to graduate courses.

The University reserves the right to restrict courses offered as a non-credit option. Requirements for class participation are the prerogative of the individual faculty member.

Refund Policy

Refunds and Reduction in Charges
If a student withdraws or is dismissed from the University during the first week of a semester, the student will be eligible for refund of total tuition and fees paid. Resident students will receive a pro rata refund of the total amount of room and board paid if they withdraw or are dismissed during the first week of scheduled instruction. Students who withdraw or are dismissed after the end of the first week of scheduled instruction are eligible for refunds and/or reduction in charges in accordance with the Tuition Refund Schedule published for that semester on-line at the Rockhurst University website www.rockhurst.edu. Students should note that, depending on the amount of money paid to the University before classes begin, withdrawal or dismissal may or may not result in an actual refund of money to the student. Circumstances may occur in which the student still owes money to the University even after appropriate reduction in tuition, fees and/or room charges.

Beginning with the second scheduled week of instruction, resident students who withdraw or are dismissed will receive a pro rata reduction in room charges for each full week of service not received as a result of withdrawal or dismissal. Students who withdraw or are dismissed after the twelfth scheduled week of instruction are not eligible for a reduction.

No refunds, either for withdrawal from single classes or for complete withdrawal from the University, are made unless the student has officially withdrawn from the University. See “Changing Enrollment” in the Enrollment Policies section of the catalog or on the Rockhurst University website www.rockhurst.edu.

The return of federal funds formula provides for a return of Title IV aid if the student received federal financial assistance and withdrew on or before completing 60% of the semester/term. Funds are returned in the following order:

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Federal Perkins Loan
4. Other Title IV Funds
5. Other federal, state, private, or institutional sources of aid
6. The student
If funds were released to a student because of a credit balance on the student’s account, then the student may be required to repay some of the federal grants or loans released to the student. Students receiving federal financial aid who withdraw from anything less than 100 percent of their courses will have tuition refunded using the schedule below. All other students not receiving federal financial aid who withdraw from one or all of their courses (both officially and administratively), will also have tuition refunded according to the schedule below.

### Refunds for First-time Rockhurst Students

First-time students to Rockhurst University, either new or transfers, processing a complete withdrawal from the University will follow Federal pro-rata refund procedures which provide for adjustments up through the first 60 percent of the term as calculated by weeks. After the 60 percent period there will be no reduction of the original charges and they are due and payable in full. The calculation is made using weeks remaining divided by the total number of weeks in the term and rounding the result downward to the nearest whole 10 percent. A comparison will be done with the refund a student would receive from the policy for continuing students. The policy that is most advantageous to the student will be used.

### Refunds for All Other Students

Students will receive the following refund if proper written withdrawal is made before the following weeks:

<table>
<thead>
<tr>
<th>% Refund of total charges (tuition, charges, room)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The end of the first week of classes</td>
<td>100%</td>
</tr>
<tr>
<td>2nd week</td>
<td>75%</td>
</tr>
<tr>
<td>3rd week</td>
<td>50%</td>
</tr>
<tr>
<td>4th week</td>
<td>25%</td>
</tr>
<tr>
<td>5th week and thereafter balance due is payable in full.</td>
<td>0%</td>
</tr>
</tbody>
</table>

Students enrolled in accelerated sessions who properly withdraw in writing are eligible for refunds within the first two weeks of each session.

For more information and specific refund deadlines, see Tuition and Fees on the Rockhurst University website [www.rockhurst.edu](http://www.rockhurst.edu).

Students with financial assistance awards who withdraw from Rockhurst University will have financial assistance refunded in compliance with federal regulations as stated in the Federal Register. Rockhurst University distributes funds back to federal programs in the following order:

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Federal Perkins Loan
4. Other Title IV funds
5. Other federal, state, private, or institutional sources of aid

Institutional awards are redistributed after the federal programs.

The University will not refund credit balances created by a Missouri Grant award until the actual funds are received from the State.
The University's refund policies may change from time to time to comply with applicable law. Changes in the University's refund policy will be posted on the Rockhurst University website, www.rockhurst.edu. Questions of payment or refund policy involving unusual circumstances should be addressed to the chairperson of the Withdrawal/Appeals Committee.

GRADUATE FINANCIAL AID
PROGRAMS AND POLICIES

While the primary responsibility for financing a college education rests with the student, Rockhurst University has designed a financial assistance program for students who would be unable to attend without such aid. Financial aid programs and policies are established by the President of the University upon recommendation from the Admissions and Financial Aid Committee. The Director of Financial Aid is responsible for coordination of the total financial aid programs.

Financial assistance is awarded to supplement the student's contribution when the student's funds are not sufficient to cover educational costs. The University attempts to meet a student's established financial need through a combination of self-help (loans and employment).

Determination of Need-Based Financial Aid Eligibility

Rockhurst University utilizes the need analysis information from the Free Application for Federal Student Aid (FAFSA) to establish financial need. All students applying for financial aid based on need must complete the FAFSA need analysis form each year and designate Rockhurst University to receive the processed application. Need is determined by subtracting the family contribution as calculated on the FAFSA from the cost of education. The cost of education includes tuition, and allowances for books, room and board, transportation, personal expenses and loan fees. The student's need for assistance can be met with loans and employment, either singly or in combination.

Application Process

Students who wish to be considered for financial assistance at Rockhurst should:

1. Apply for admission to the University
2. Complete the Free Application for Federal Student Aid (FAFSA); list the Rockhurst University Title IV code: 002499;
3. Be degree seeking or certificate seeking

Priority awarding consideration is given to all aid applications completed no later than March 1 of the year prior to fall enrollment. Students may apply for financial assistance anytime during the academic year.

Programs must be reapplied for each year. Generally, FAFSA's become available in December to apply for aid funds for enrollment during the following academic year. Federal aid applications may not be filed until after January 1.
Coordination of Financial Aid

Any financial aid awarded is subject to review in light of assistance received from outside organizations or agencies. Funds received from outside sources that exceed the limits of gift and need based aid will be coordinated to first reduce the loans and/or work funds and then University/grant scholarships. Each award will be evaluated and adjustments made within University and program guidelines.

Standards of Satisfactory Academic Progress to Maintain Financial Aid Eligibility

Financial aid from any sources is provided for only one academic year at a time. Financial aid can be renewed each year provided the student remains in good academic standing and files a FAFSA.

A degree-seeking student at Rockhurst University is considered to be making satisfactory academic progress for a degree if successfully meeting a qualitative and quantitative standard. First, a graduate student must complete a reasonable number of credit hours toward a degree each academic year. Rockhurst University defines “a reasonable number” as 80% of all attempted hours. Second, a student must maintain academic standing, derived from grades, that allows for continued enrollment at Rockhurst under current academic guidelines. The minimum grade point average for satisfactory academic progress is a cumulative 2.00.

Each student’s progress will be reviewed at the end of each academic year to determine satisfactory academic progress. Requirements for the second component of satisfactory academic progress for graduate students are established by the appropriate school or college division. Students should also refer to the Graduate Academic Policies section of this catalog, specifically policies regarding time limits for completion of a doctoral or master’s degree, quality point requirements, and program progression policies.

Students not meeting the satisfactory academic progress for a particular term will be placed on financial aid warning, will receive a one-semester financial aid award, and will be notified in writing by the Director of Financial Aid. Students on financial aid warning who fail to meet the standard by the end of the next semester will be placed on financial aid suspension until all academic progress requirements are met. No institutional, state, or federal financial assistance eligibility can be certified until academic deficiencies are satisfied. Students have a one-semester grace period to make up academic deficiencies.

A student whose federal or college aid is terminated due to failure to comply with this policy may appeal the aid termination if catastrophic conditions were present to the Admissions and Financial Aid Committee. Appeals must be submitted in writing to the Director of Financial Aid explaining any mitigating circumstances that caused the student’s academic progress to be less than the requirements, supported with documentation. The Admissions and Financial Aid Committee will inform the student of their decision concerning the appeal within 30 working days after receipt of the appeal. Decisions of the Financial Aid Office are final.

Once financial aid eligibility has been terminated due to lack of satisfactory academic progress, the student must make up all deficiencies in cumulative grades and/or credit hours earned for his or her academic level before financial aid eligibility will be reinstated.

Payment of Awards

In most cases, one-half of the aid award is applied to the student’s account for each semester. The billing statement from the University’s Business Office will reflect the student’s
charges and financial aid. Earnings from campus employment are not credited toward that balance due, but are paid to the student as earned on a monthly basis.

**Withdrawals and Refund**

Students who withdraw prior to completion of a semester are subject to the University’s policy concerning withdrawals and refunds. See “Refund Policy” in the Tuition and Fees section of this catalog. To secure a refund, students must complete the withdrawal process prescribed by the University. See “Changing Enrollment” in the Enrollment Policies section of this catalog. For students receiving financial aid, the refund will first be repaid to the Title IV programs, state grants and institutional funds in accordance with existing federal regulations and institutional policy in effect on the date of withdrawal. with respect to the various types of aid. If any additional refund is appropriate, the funds will be repaid to the student. It is possible that students who withdraw will still have an outstanding balance due to the University that must be paid.

**Renewal and Adjustment of Aid**

Financial aid must be renewed each year. In addition to specific requirements of the federal financial aid programs, students must apply each year by submitting the Free Application for Federal Student Aid (FAFSA) or by notifying the Financial Aid Department that they do not intend to file the FAFSA. The aid processor makes Renewal FAFSA information available to all prior year applicants each year, or a blank FAFSA for the coming academic year can be obtained from the Financial Aid Office. The FAFSA should be filed as soon as possible after January 1, preferably when completed tax information for the preceding calendar year is available. Students may also apply online at www.fafsa.gov. The Financial Aid Office recommends filing the FAFSA electronically for the quickest response.

Priority awarding consideration is given to all aid applications completed no later than March 1 of the year prior to fall enrollment. Students may apply for financial assistance anytime during the academic year. A completed financial aid file consists of a valid FAFSA need analysis and all required verification documentation. In addition, the student must also be registered for classes.

Each student must be able to document the information submitted on the need analysis (FAFSA) with income tax forms and/or other data required by the University or federal government prior to the receipt of Federal Title IV financial aid (Federal Perkins Loan or FFELP Stafford Loan). Documentation requested must be provided to the Financial Aid Office prior to the end of the semester for which it is requested; any additional deadlines established by the U.S. Department of Education shall also apply. Failure to complete verification will result in the withdrawal of all need based aid funds. Students whose application information must be corrected will be notified by the Financial Aid Office as to the corrections required.

Award adjustments may occur at any time during the year and result from such reasons as: adjustments to the financial need calculations due to a change in the student’s financial condition, errors by the student or University, additional funds available for award or reduction in funds from outside sources.

The Financial Aid Office will review a student’s expected family contribution if the student experiences a significant change in their financial circumstances. An increase in need will not necessarily result in an increase in the financial aid award. Such adjustments depend upon funds available at the time the request for review is made. Therefore, notification of change in financial circumstances should be made as soon as they occur.
Right to Appeal
All students have the right to appeal or reject any aid awarded by the University and to appeal any award decisions to the Admissions and Financial Aid Committee. Appeal of the financial aid award must be submitted in writing to the Director of Financial Aid. The Admissions and Financial Aid Committee will inform the student of their decision concerning the appeal within a reasonable time following its receipt. Send appeals to:

Director of Financial Aid
Financial Aid Office
Rockhurst University
1100 Rockhurst Road
Kansas City, MO 64110-2561

Federal Aid Programs
Rockhurst graduate students who qualify may receive the following sources of federal financial aid:

Federal Perkins Loan
These low interest loans are available to graduate students who demonstrate need. Funding is limited. Preference is given to full-time students.

FFELP Stafford Loan (Subsidized and/or Unsubsidized)
These low interest loans are available to graduate students. Students may qualify for either a subsidized Stafford Loan (interest does not accrue until after graduation) or an unsubsidized Stafford Loan (interest begins accruing immediately). The federal government, for both subsidized and unsubsidized loans, retains an origination fee, deducted proportionately from each disbursement. Interest rates on these loans are variable based on the 91-day Treasury Bill, but not higher than 8.25%. Interest rates are set July 1st for the upcoming school year. Loan amounts vary dependent upon the level of demonstrated financial need and previous loan history. Graduate students have a maximum eligibility of $18,500.

Graduate Assistantships
Some graduate programs offer graduate assistantships to students enrolled in their programs. These assistantships allow graduate students to work in a variety of capacities. Please contact the program to which you are applying or to which you have been accepted to see if assistantships are available.

Employment Opportunities
The Office of Career Services is available to students and alumni in defining their talents and interests, identifying career goals, and exploring career opportunities. Professional staff is available to meet individually with students to refine the tools used during the application process and discuss career search strategies.

To help make employer connections, Career Services utilizes the latest in technology when interacting with top local, regional, and national employers. A web-based office management system allows students and alumni to electronically post a resume, view current vacancies, and schedule campus interviews. Also, various career development resources, employer profiles, and occupational information are available for review.
GRADUATE ACADEMIC POLICIES

Academic Advising of the Graduate Student
Academic advising of students is under the general supervision of the respective dean’s office. For those students interested in a graduate degree in business, please contact the Helzberg School of Management. Students interested in graduate degrees in communication sciences and disorders, education, occupational therapy, or physical therapy, please contact the School of Graduate and Professional Studies. Students who are interested in a graduate degree in nursing should contact the Director of Transfer and Graduate Admissions at Research College of Nursing. Once admitted to a graduate program, students may be assigned a departmental advisor.

Academic Credits
Credit earned at Rockhurst University is in semester hours in all sessions. Rockhurst University awards both undergraduate- and graduate-level credit. The unit of credit is the semester hour. Each semester hour represents the equivalent of one class period of 50 minutes in length per week for 14 weeks of instruction, plus one exam week. Sessions varying in length satisfy equivalent standards.

Academic Year
The Rockhurst University academic year is divided into two semesters, Fall and Spring, of approximately 15 weeks each, and Summer semesters variable in length. Semester-length as well as accelerated sessions are offered during the Fall, Spring, and Summer semesters.

Requirements for Completion
The minimum requirements for program length and quality standards for graduate degree programs at Rockhurst University are described below. Each program may, however, impose more comprehensive requirements than these; therefore, the student should carefully review both this section and the section of this Catalog corresponding to the specific program of interest and any specific requirements published by the degree program. Requirements for degree programs may change from time to time as determined by the University in its academic judgment.

Entry-level Professional Doctoral Degree Hours Requirement
The successful completion of 100 hours of graduate credit acceptable to Rockhurst is the minimum requirement for the awarding of any Rockhurst Entry-level Professional Doctoral degree. Each program may establish specific requirements including additional coursework beyond the 100-hour minimum for the successful completion of that specific degree program.

Time Limits for Completion of Entry-level Professional Doctoral Degree
Students must complete all requirements for the entry-level professional doctoral degree within six years of initial registration in the program. The matriculation of students who exceed the specified time limits may be automatically terminated. Extensions of time to complete a degree may be granted by the respective dean.
Master's Degree

Hours Requirement
The successful completion of 30 hours of graduate credit acceptable to Rockhurst is the minimum requirement for the awarding of any Rockhurst Master's degree. Courses numbered in the 5000 range are not counted toward the minimum hours for a graduate degree and, therefore, are not included in this 30-hour minimum requirement (see “Course Numbering System” section). Each program may establish specific requirements including additional coursework beyond the 30-hour minimum for the successful completion of that specific degree program.

Time Limits for Completion of a Master's Degree
Students must complete all requirements for the master's degree within six years of initial registration in the program. The matriculation of students who exceed the specified time limits may be automatically terminated. Extensions of time to complete a degree may be granted by the respective dean.

Enrollment Status and Normal Study Load
Full-time status as a graduate student at Rockhurst University is defined as a minimum enrollment of nine semester hours during the Fall and Spring semesters, 4.5 semester hours during the Summer semester. However, the normal class schedule for full-time graduate students varies according to the student's program. No student may register for more than 18 semester hours without permission of the appropriate dean.

Program Progression
A student enrolled in any graduate program at Rockhurst University must satisfy the specific requirements of the individual program to progress through that graduate program. Students should refer to the sections of this Catalog that state the academic policies for the program(s) for which he or she is enrolled.

Probation and Dismissal
Each graduate student is expected to maintain both a semester and cumulative grade point average (GPA) of 3.0. Failure to achieve the 3.0 GPA will result in the student being placed on academic probation by the graduate program. Once placed on academic probation, the full-time student must raise their semester and cumulative GPA to a minimum of 3.0 in one full-time semester of at least nine semester hours of coursework. A part-time student must raise their cumulative GPA to a minimum of 3.0 in their next two consecutive semesters. Individual programs may have additional requirements. Failure to achieve the required 3.0 GPA in the required timeline will result in dismissal from the program. A letter grade of "F" automatically results in dismissal from a program. All such actions taken by the program directors are reported to the appropriate academic dean and Registrar. After dismissal, students can apply for readmission only once to the same program.

Any full- or part-time graduate student who is provisionally admitted to a program based on an inadequate incoming GPA must achieve a 3.0 semester GPA in their first semester or he/she will be dismissed from the program and would not be eligible for readmission.

Readmission
Action to readmit a student who has been dismissed from or voluntarily withdrawn from a graduate program in less than good standing may be taken by the director of that program. Any such action is to be reported to the appropriate academic dean and Registrar.
Degree Candidacy
Applications for degree candidacy can be obtained from the individual graduate program offices. Students must file for degree candidacy in accordance with the deadline published by the Registrar in the Academic Calendar at the Rockhurst University website. The deadline is during the semester before the student’s graduation: September 30 for May or August graduation; March 30 for December graduation. Students who file their degree candidacy forms after the published deadline will be assessed a late fee. Failure to meet deadline dates may affect a student’s participation in commencement and/or receipt of diploma. Once the forms are received by the Registrar’s Office, a review is made of the student’s academic record to ensure that they have met the requirements of the degree the student seeks.

COURSE POLICIES

Course Numbering System
Courses numbered 5000 and above are graduate level courses. Those numbered from 5000 to 5999 carry graduate credit, but are not counted toward the minimum hours for a graduate degree. They are often used for foundation or graduate preparatory work. Courses numbered from 6000 to 8999 are regular graduate courses and counted toward the minimum hours required for a graduate degree. Graduate course offerings (courses numbered 5000 and above) may be taken for undergraduate credit only with the approval of the director of that graduate program and the concurrence of the appropriate dean.

In this catalog, departments, programs and course descriptions are listed alphabetically within the section for each school or college. The number in parentheses following the course number and title indicates the semester credit hours that the course usually carries.

Prerequisite, Corequisite and Concurrent Courses
Courses listed in the catalog which are required to be taken prior to enrollment in other courses are referred to as prerequisite. Courses required to be taken during the same semester are corequisite. Courses which may be taken optionally during the same semester are considered concurrent.

Undergraduates Taking Graduate Courses for Undergraduate Credit
Graduate course offerings (courses numbered 5000 and above) may be taken for undergraduate credit only with the approval of the instructor of the course and the concurrence of the appropriate dean.

Undergraduates Taking Graduate Courses for Graduate Credit
Undergraduate students who meet the following criteria may take up to nine (9) credit hours of 6000-, 7000-, or 8000-level graduate courses for graduate credit at Rockhurst University. The student should:
• be of senior standing, and
• have a GPA of 3.0 or better, and
• have approval from the instructor of the course, and
• have approval from the appropriate Dean or his or her designee.
Courses taken for graduate credit at Rockhurst University as an undergraduate student can
count either toward the undergraduate degree or toward the graduate degree, but cannot
count toward both degrees. Upon enrolling in the course, the student must identify
whether the course credit hours should count toward the undergraduate or graduate
degree. The decision cannot be reversed at a later date. Undergraduate students enrolling
in courses for graduate credit will pay undergraduate tuition rates for such courses.

**Courses Listed for Both Graduate and Undergraduate Credit**

Courses co-listed as both undergraduate and graduate courses:
- are listed as 4000-and 6000-level courses respectively;
- require that those students taking the course for graduate credit complete additional
  work at an accelerated level appropriate for graduate credit; and that the additional
  work required for graduate credit is reflected in the course syllabus.

A maximum of eight (8) hours of courses co-listed as both graduate and undergraduate but
taken as graduate credit can be accepted toward a graduate degree at Rockhurst University.

Undergraduate students enrolled in such co-listed courses (whether for graduate or
undergraduate credit) pay undergraduate tuition rates and graduate students pay graduate
tuition rates for such courses.

**Exemption from Courses**

An exemption permits a student to take another course in lieu of a required course. A stu-
dent may request an exemption from a required course if he or she has taken similar
coursework previously and received a grade of “B” or better for that coursework. To
request an exemption, the student must submit to the Chairperson, Program Director, or
Director of Advising a transcript from the institution where the course was taken and a
photocopy of the course description from the appropriate school catalog or bulletin, along
with any other materials the program requests. Once approved, the student must request
that a sealed official transcript from the other institution be sent to the Registrar’s Office
at Rockhurst University, and the Department Chair or Director then forwards those docu-
ments considered in the approval process to the Registrar’s Office for appropriate confir-
mation of credit. The exemption does not reduce the minimum number of Rockhurst-
earned credits for a degree (i.e. 30 credits of a master’s degree).

**Transfer Credit**

Students may transfer up to nine hours of graduate credit for courses completed at another
institution, provided that the coursework meets the following criteria:
- It was a graduate course not used to fulfill requirements for another degree.
- It was completed with a grade of “B” or better (3.0 on a 4.0 scale).
- It was taken within six years prior to the completion of the degree at Rockhurst
  (departments may have more stringent criteria), and
- The course content is appropriate to the degree to which it will be applied as an
  elective or program requirement.

If the graduate coursework was taken prior to being admitted to Rockhurst University, the
official transcripts must be sent to the Office of Graduate Admissions as part of all materi-
als required for admission. To request a transfer of credit, the student shall submit to the
Chairperson, Director of the program, or in the case of the Helzberg School of Manage-
ment, the Director of Advising, a transcript from the institution where the course was
taken and a photocopy of the course description from the appropriate school catalog or
bulletin, along with any other materials the program requests. Each program may establish policies as to what coursework will be accepted by that program that may result in an extension of the six-year time limit as appropriate.

When the student is already pursuing a graduate degree at Rockhurst, and wishes to take a graduate course at another institution and apply the credit toward their Rockhurst degree, the student must first request permission to transfer the credit. The student submits for approval a Pre-Approval of Transfer Credit form, course descriptions, and other supporting materials requested by the program to the Department Chair, Director of the Program, or Helzberg School of Management Director of Advising. Each program may establish policies as to what coursework will be accepted by that program that may result in an extension of the six-year time limit as appropriate. Once approved by the program, the student may take the course at the other institution. The program will forward documents considered in the approval process to the Registrar's Office for filing and for appropriate confirmation of credit. Once the coursework has been completed, the student must request that a sealed official transcript from the other institution be sent to the Registrar’s Office at Rockhurst University so that the pre-approved credit will be applied to their Rockhurst degree.

**Coursework Taken by a Non-Degree Seeking Student**

Graduate coursework taken by a non-degree seeking (unclassified) student at Rockhurst and later applied to a graduate degree program shall not exceed 20% of the total credit hours required for that program OR nine credit hours, whichever is less, with exceptions as approved by graduate departments for purposes of certification, for example. Such coursework must also meet the aforementioned transfer criteria. Once approved by the program, documentation stating that such coursework is to be accepted towards degree requirements is forwarded to the Registrar’s Office. This documentation is retained by the Registrar’s Office for filing and confirmation of credit.

**GRADE POLICIES**

**Quality Point Requirements**

The quality standard established to denote minimally acceptable academic progress in any graduate program is a quality point average (cumulative grade point average) of 3.0 on a 4.0 scale. Each program may establish a higher quality point average for the successful completion of that program.

**Graduate Grading System**

All graduate programs at Rockhurst University use a uniform system of grading. The system is as follows:

<table>
<thead>
<tr>
<th>Letter</th>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
<td>Denotes superior academic performance at the graduate level.</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
<td>Denotes above average academic performance at the graduate level.</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>Denotes average academic performance at the graduate level.</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
<td>Denotes below average, but passing academic performance at the graduate level.</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
<td>Denotes academic performance of poor quality which will not be...</td>
</tr>
</tbody>
</table>
accepted for degree credit for any Rockhurst degree program.

P  Passing. This grade is given only in clinical arrangements, practica, or
internships that have been designated by the program director. A grade
of “P” adds credit but does not affect the grade point average.

NP  Not passing. This grade is given only in clinical arrangements, practica,
or internships that have been designated by the program director. A
grade of “NP” does not add credit and will not affect the grade point
average.

I  Incomplete. A grade of “I” (Incomplete) may be assigned only for
serious reasons by the course instructor. A grade of “I” must be
removed within six weeks or it automatically becomes an “F”.

W  Withdraw. This means the student was allowed to withdraw
without penalty. Instructors cannot issue grades of “W” (withdrawal).

WF  Withdraw fail. This means the student was failing at the time of
withdrawal. “WF” does not add credit and will not affect the grade
point average.

AU  Audit. Student enrolled on a non-credit basis. No grade or credit given.

Note: there are no A+, A-, B-, C+, C-, D+, D-, or X grades in graduate courses.

Viewing Grades
Currently-enrolled students may view their final session or semester grades on Oracleweb
in a secure environment if they have obtained a Personal Identification Number (PIN)
from Computer Services. Final grades are available for viewing after the close of the
academic session or semester.

Incomplete Grade Policy
Students are encouraged to complete courses during the assigned semester. A grade of “I”
(Incomplete) may be assigned only for serious reasons by the course instructor. The time
frame for the removal of an “Incomplete” shall be established by the faculty member in
consultation with the appropriate dean and communicated to the student, but must be
removed within six weeks or less or it automatically becomes an “F”. The initiative in
arranging for the removal of the “I” rests with the student. Instructors cannot issue grades
of “W” (withdrawal).

Changes of original grades must be made within six months of the assignment of the
original grade and require the approval of the appropriate Dean.

Transcripts of Academic Records
Students who wish to have a transcript of their Rockhurst academic record in order to
transfer from Rockhurst to another college or for other purposes must make their request
in writing, either in person, by mail, or by fax. The request should include the student’s
current name and name used while attending, if different; the student’s social security
number and date of birth (both optional), dates of attendance, current address and day-
time telephone number, the number of transcripts and address(es) where transcript(s)
should be mailed, and student’s signature. Transcript request forms are available at
www.rockhurst.edu/registrar. There is no charge for transcripts unless the request is made in
person and an official transcript is needed immediately. The fee is $5.00 for immediate
assistance. Requests by mail should be addressed to: Office of the Registrar, 1100 Rock-
hurst Road, Kansas City, Mo., 64110. Requests by fax can be sent to: (816) 501-4677.
Transcripts may not be requested by telephone or email.
No transcript, official or unofficial, will be issued to or for a student or former student who is delinquent in financial or other obligations to the University. The transcript of the academic record will reflect all credit work attempted at Rockhurst University and transfer credit which has been accepted to fulfill Rockhurst degree requirements, however, the grade-point average reflects Rockhurst credit only. Currently-enrolled students may view their unofficial Rockhurst transcript on the Web in a secure environment if they have obtained a Personal Identification Number (PIN) from Computer Services.

**Certificates**

**Credit-Bearing Certificates of Graduate Study and Post-Baccalaureate Certificates**

Post-Baccalaureate Certificates (PBC) are awarded for prescribed programs of study. Courses in the post-baccalaureate certificate programs include only upper-division undergraduate courses and may include some graduate course work (3000 to 8000-level courses).

Certificates of Graduate Study (COGS) are awarded for prescribed programs of study with all coursework taken at the graduate level (5000 to 8000-level courses). PBSs and COGS consist of a minimum 12 credit hours, and typically average between 12 and 18 credit hours, however some certificate programs may require substantially more credit hours. Labs, practica, internships, and capstone experiences may be part of the certificate program.

PBCs and COGS may be associated with an existing degree program at Rockhurst University or they may be freestanding entities. PBCs and COGS can be interdisciplinary programs of study or related to only one discipline. Each certificate program has its own admission criteria, but all require successful completion of a bachelor’s degree. In those cases where a PBC or COGS is associated with an existing degree program, that program has primary academic oversight responsibility for the certificate program. For those PBCs and COGS not associated with an existing degree program, primary degree oversight resides with a committee.

A 3.0 GPA (on a 4.0 scale) is required for retention in a PBC or COGS, and the PBC or COGS must be completed within three years. Up to 25 percent of the credit hours for PBC or COGS may be transferred from another institution given that the credit meets existing graduate credit transfer policy criteria. Furthermore, only 25 percent of the credit hours for a PBC or COGS may be taken prior to formal admission into the certificate program at Rockhurst. PBCs and COGS are credit-bearing programs and are noted on the regular academic transcript. Certificates will be presented to participants of PBCs and COGS.

The University administration has the authority to establish different tuition rates for PBCs and COGS.

**Non-Credit Certificates**

A non-credit certificate is referred to as either a “Certificate of Attendance” or a “Certificate of Participation”. There are no institutionally determined minimum admission requirements for non-credit certificate offerings, however there may be professional admission standards for certain non-credit certificate offerings.
Non-credit certificate offerings are not noted on the official academic transcript. The actual certificates are presented to participants in non-credit courses or programs. At times, a credit-bearing course or certificate program may also be offered as a credit-bearing course. Students opting for the credit option enroll for credit prior to the onset of the non-credit course or certificate program and pay the regular tuition rate. Students taking a credit-bearing course as a non-credit course shall pay $125 per semester hour. See Non-Credit Enrollment Option in the Graduate Admission section of this catalog.

OTHER ACADEMIC POLICIES

Attendance Policy
Each instructor sets the attendance policy for his/her class and the possible consequences depending on the variables involved, taking into consideration the requirements of the course and the student’s specific circumstances. In any case, most graduate classes require learning supported by classroom participation.

Academic Honesty Policy
I. Philosophical Statement:
Rockhurst University is a learning community. Consistent with the mission and purpose and the Judeo-Christian principles the University seeks to foster within its whole community, it is expected that academic honesty and integrity guide the actions of all its members. It is the responsibility of every person in the academic community—faculty members, students, and administrators to ensure that academic dishonesty or misconduct is not tolerated.

II. Definition
Academic honesty includes adherence to guidelines pertaining to integrity established for a given course as well as those established by the University for conducting academic, administrative, and research functions. All forms of academic dishonesty or misconduct are prohibited. The examples given are not intended to be all inclusive of the various kinds of academic dishonesty, cheating, plagiarism, or misappropriation which may occur. Examples include but are not limited to the following:

A. Cheating
   1. Copying, or the offering, requesting, receiving or using of unauthorized assistance or information in examinations, texts, reports, computer programs, term papers or other assignments.
   2. Attempting to change answers after an exam has been submitted.
B. Plagiarism
   1. The appropriation of ideas, language, or work of another without sufficient attribution or acknowledgment that the work is not one’s own.
   2. Violations include but are not limited to:
      a. submitting as one’s own work material copied from a published source.
      b. submitting as one’s own work someone else’s unpublished work.
      c. submitting as one’s own work a rewritten or paraphrased version of someone else’s work.
d. allowing someone or paying someone to write a paper or other assignment to be submitted as one’s own.

e. utilizing a purchased pre-written paper or other assignment.

C. Manipulation, alteration, or destruction of another student’s academic work or of faculty material.

D. The unauthorized removal, mutilation or deliberate concealment of library or other resource material or collections.

E. Unauthorized use of University facilities, equipment or other property, including computer accounts and files.

F. Any other act which might give one an unearned advantage in evaluation or performance.

III. Nurturing Academic Honesty

Faculty, administration, staff, and students are responsible for modeling and nurturing academic honesty. Faculty, especially, should strive to nurture academic honesty by citing sources in lecture and class material, thereby modeling for their students and advisees the type of precautions to be taken to ensure academic honesty. It is further expected that faculty will take reasonable actions to reduce opportunities for dishonesty through such practices as monitoring examinations or requiring sequences of an assignment to be submitted. It is further expected that each student will be informed of the definition of academic dishonesty and the processes the University will take in dealing with it.

IV. Academic Dishonesty: Procedure, Penalties and Due Process

A. Level 1—Informal Disposition

As much as possible, a member of the faculty, staff or administration (hereafter referred to as University representative) will deal individually with suspected violations of the Academic Dishonesty Policy. Level 1—Informal Disposition constitutes the initial level of action, including resolution. The University representative who suspects that such a violation has occurred will confer with the student, present support, listen to and evaluate the student’s explanation, and then, if the student is found to have violated the Academic Honesty Policy, impose a penalty based upon the findings. Penalties relate to specific violations and may include but are not limited to:

1. warning the student;
2. lowering the grade of the assignment or examination or the assignment of a failing grade for the semester;
3. requiring the student to repeat the assignment or examination;
4. compulsory school or community service;
5. other penalties as deemed appropriate.

The student will be provided with a written Level 1 decision by the University representative within three working days of conferring with the student, addressed to the student’s last known local or permanent address on file with the University. A student who wishes to appeal the Level 1 decision must indicate her/his intent to appeal in writing within one working day of the written Level 1 decision delivered to the appropriate dean’s office.

B. Level 2—Academic Disciplinary Board

The Academic Disciplinary Board:
1. may decide appeals of Level 1 decisions brought by students; 
2. may decide Level 1 cases brought by the University representative if the 
   University representative is of the opinion the allegations are serious or 
   warrant stricter sanctions than those available under Level 1; and 
3. on its own initiative, may review any Level 1 decision. 

For cases involving academic departments, the Academic Disciplinary Board will be com-
posed of the department chair, a faculty member to be appointed by the dean of the col-
lege or school within which the student is enrolled or the violation arose, and either the 
division chair or academic dean, or his/her designee (who serves as chair). Should the 
department chair be the faculty member bringing the charge(s) the appropriate academic 
dean will appoint a faculty substitute. For cases involving units other than academic 
departments (i.e. Library, Registrar’s Office, Computer Center, or other similar unit), the 
Academic Disciplinary Board will be composed of the director of that unit, a faculty 
member to be appointed by the Vice President for Academic Affairs and an appropriate 
member of the administration (generally a dean) who serves as chair and is also appointed 
by the Vice President for Academic Affairs. The composition of the Academic Disciplinary 
Board will avoid a conflict of interest. This may result in the Vice President for Academic 
Affairs appointing other University representatives in lieu of the aforementioned Board 
compositions. The Board may uphold, modify, or reverse Level 1 decisions. 

In cases before it, the Academic Disciplinary Board will consider relevant supportive 
information presented by any side. Based on its evaluation of relevant supportive informa-
tion before it, the Academic Disciplinary Board may impose any penalty thus far listed 
and in addition may recommend to the Vice President for Academic Affairs the suspen-
sion or expulsion of a student. 

Procedures Before the Academic Disciplinary Board Hearing 
1. Within three working days of the filing of the written intent to appeal the Level 1 
decision, the student must deliver to the Academic Disciplinary board all supportive 
information relevant to the appeal, including any request for hearing. 
2. Within three working days of receipt of the student’s relevant supportive information, 
the Academic Disciplinary board will notify the University representative and for cases 
involving academic departments, the Dean of the college or school in which the 
student is enrolled or the violation arose and for cases involving units other than 
academic departments, the Vice President for Academic Affairs. Depending upon the 
type of case, the Dean or the Vice President for Academic Affairs shall choose the 
University representative for participation at Level 2 and shall notify the Academic 
Disciplinary Board of the choice within three working days. Within three working days 
of notice of the University Representative to the Academic Disciplinary Board, that 
University representative must deliver all relevant information in support of the Level 1 
decision to the Academic Disciplinary Board, including any request for hearing. 
3. The Academic Disciplinary Board may require a hearing and the decision to hear any 
case is in the discretion of the Academic Disciplinary Board. 
4. At least five working days before the scheduled hearing, if any, the Chair of the 
Academic Disciplinary Board or designee will send to the student, addressed to the 
student’s last known local or permanent address on file with the University, and the 
University representative written notice of: 
   a. the alleged violation(s) to be heard; 
   b. the time, date and place of the hearing;
c. a statement of the charge(s) and documents in support of and in opposition to the charge(s).

In cases where there are multiple charges, the Academic Disciplinary Board may consolidate all charges into one hearing.

5. The student may bring a faculty member of the University community with her/him as an advisor to any hearing and if so, the student must notify the Academic Disciplinary Board of the name of the advisor within one working day of the hearing. The student, however, is expected to present her/his own case in her/his own words.

6. The Academic Disciplinary Board will be responsible for maintaining a record, if any of the hearing.

7. The Level 2 decision of the Academic Disciplinary Board may be presented orally at the conclusion of the hearing or in writing to the student, addressed to the student's last known local or permanent address on file with the University, and to the University representative within five working days of any hearing and if there is no hearing, within 10 working days of timely receipt of all relevant supportive information from the student and University representative.

8. Materials related to disposition of the charge(s) of the Academic Honesty Policy, including a summary record of any appeal process and decision(s), will be maintained in the office of the academic dean of the college or school in which the student is enrolled.

Grounds for Appeal

Below are listed the only bases upon which a student or University representative may appeal the Level 2 decision of the Academic Disciplinary Board:

1. The evidence against the student is insufficient to warrant the action taken by the Academic Disciplinary Board.

2. The decision of the Academic Disciplinary Board is arbitrary.

3. The decision of the Academic Disciplinary Board is inconsistent with existing University policy.

Appeal of the Decisions of the Academic Disciplinary Board

A student or the University representative may appeal the decision of the Academic Disciplinary Board by filing an “Intent to Appeal” with the Office of the Vice President for Academic Affairs within one working day of the decision of the Academic Disciplinary Board and the Vice President for Academic Affairs will notify the other within three working days of the filing of the Intent to Appeal. On notice of the filing of the Intent to Appeal from the Vice President, the Academic Disciplinary Board will forward all information related to the case to the Vice President for Academic Affairs. Absent extraordinary circumstances, neither the student nor University representative may present additional supportive information for consideration by the Vice President for Academic Affairs. Any request to present additional information must be made to the Vice President for Academic Affairs within three working days of filing of the Intent to Appeal and the request must include a substantive description of the additional supportive information. The Vice President may request additional information or a meeting with any individual regarding the charge(s). In general, the Vice President for Academic Affairs will present his/her decision to the student and University representative within five working days of receipt of information or meeting with the student or University representative. The decision of the Vice President for Academic Affairs may be presented orally or in writing addressed to the student at the student’s last known local or permanent address on file with the University.
and the University representative. The decision of the Vice President for Academic Affairs is final. Pending the decision of the Vice President for Academic Affairs, the student's status as a student will remain unaltered except in cases where there are reasons relating to the emotional or physical welfare of the student or other members of the University community or for reasons involving the safety of property or the good of the University.

**Time**

For purposes of counting time, the day of the act will not be counted and the final day of the time period will be counted. Working day means any day the administration of the University is open and conducting business and is not as provided in the University's Academic Calendar. Three days are added to any time period where delivery is by mail.

**Policy for the Review of the Final Grade**

**Preface**

It is the student's responsibility to meet the requirements established for each course taken at Rockhurst University. It is the course instructor's responsibility to establish course requirements for grades as part of the course syllabus and to evaluate students according to the standards established.

**Philosophy of the Grade Review Policy**

Rockhurst is “a learning community” which “believes in the intrinsic value of the intellectual life and in the disinterested pursuit of truth.” At the beginning of any grade review procedure all of those involved should proceed with this principle in mind: the primary goal of all proceedings will be to clarify requirements, to affirm the application of consistent standards. An atmosphere of rational discourse must always prevail.

**Bases for Review**

For adequate cause, a student has the right to request review of an assigned final course grade. Bases on which the student may request review include the following: the student believes that:

1. The assigned final grade does not reflect the weighted values given to required work as indicated in the course syllabus; or
2. The final grade does not reflect the student's level of fulfillment of course requirements and course policies as stated in the course syllabus (for example, class attendance, level of performance on tests, number and length of papers, penalty for late work, etc.); or
3. The final grade is inconsistent with standards set for the course; or
4. The assigned final grade is based on arbitrary or nonacademic criteria.

**Procedure**

The student requesting review must follow the procedure set out below. Failure to follow the procedure in the given order or to comply with the time limits identified in the procedure will result in denial of the review.

**Informal Procedure for Review of the Assigned Final Grade**

1. By the end of the first week of the semester following receipt of the assigned final course grade, (for courses taken in the Spring and Summer semesters, no later than September 1, and for courses taken in the Fall semester, no later than February 1)
the student requests in writing (certified mail return receipt requested) review of the assigned final grade from the assigning instructor or if the instructor is not available submits the request to the appropriate dean's office. The student and the instructor may agree to meet to conduct part of the grade review. The student should make the appointment to meet with the instructor. In writing (certified mail return receipt requested is advised but not required) within 14 days of receipt of the request for final grade review, the instructor will respond to the student.

*Note: The term "semester" is understood in a narrow sense, referring only to the first semester and the second semester of the regular academic year. The term "semester" does not refer to summer sessions or interterms. The intent is to provide a timeline allowing for possible faculty absence during the summer and during their interterm.

2. If within 14 days of the instructor's response the student is not satisfied with the result, the student may request in writing to the department chair (for the School of Graduate and Professional Studies) or the division chair (for the Helzberg School of Management) review of the final course grade. For the purpose of information, not re-grading, the student's request should include supporting evidence, such as photocopies of graded papers, quizzes, tests, and other work performed in the course. The student should also note the steps taken so far to review the final grade. After (a) reviewing the case with the student and (b) reviewing the case with the assigning instructor, the department or the division chair will within 14 days of the student's request for review, advise the student and the instructor of her/his opinion regarding the assigned final course grade and that the informal procedure is completed. The question could be resolved with this step.

Formal Procedure for Review of the Assigned Final Grade
If not satisfied with the result of the informal procedure, the student may request a formal review of the assigned final course grade.

1. Within seven days of the response of the department or division chair, the student presents in writing to the dean (or his/her designee) of the college or school in which the course is offered, the request for formal review of the assigned final course grade, including reasons justifying the review, any supporting evidence, and a list of the steps taken to date to resolve the issue.

2. Within 14 days of the student's written request, the dean (or his/her designee) will convene a panel consisting of a full-time faculty representative of the college or school and two full-time faculty members of the same department or academic discipline as the instructor, if department or discipline size permits. The University representative will chair the panel. The dean's office will inform the requesting student and the course instructor in writing with reply forms enclosed of the panel appointees.

3. The student and the course instructor may each object to up to two panel appointees. Any objection to a panel appointee must be lodged in writing or printed e-mail or fax with the dean's office within seven days of notice of the panel appointees. Failure to lodge objection to a panel member will be considered as acceptance of the appointee as panel member. No other objections will be permitted by either the student or the course instructor. After exhaustion of objections, the dean (or his/her designee) will appoint any vacancy on the panel.

4. As soon as panel membership is set, the dean (or his/her designee) turns over to
the chair of the panel the student request and all supporting materials the student has provided.

5. The chair of the panel does not vote on the recommendation except in the event that the two other faculty members, each of whom has one vote, are unable to reach agreement.

6. The chair will schedule a date for the review and the panel should conclude its review within ten working days of its first meeting. The panel will examine the information provided and may hold a joint conference of the panel, the student, and the instructor. The chair of the panel has the responsibility to inform the panel members, the student, and the instructor of the date, time, and place of any joint conference.

7. The panel is empowered either (a) to recommend that the instructor change the grade, (b) to recommend that the instructor reevaluate the grade according to criteria specified by the panel, or (c) to dismiss the appeal. The panel is not empowered to change the grade. The grade, which the course instructor assigned, cannot be changed by anyone but that instructor. The instructor will advise the registrar of a change in grade, if any. The panel will advise the student of a change in grade, if any.

8. The panel submits its recommendation to the student, to the course instructor, to the department or division chair, and to the appropriate academic dean (or his/her designee). On request, each party will be apprised of the basis for the panel’s decision. The panel’s responsibility is thus concluded. No other review is available.

9. The grade appeal will be considered confidential and only those involved in the grade appeal including its investigation and resolution will be provided information concerning the appeal.

10. If the student chooses to make the panel’s recommendation a part of her/his permanent file, the student should instruct the dean (or his/her designee) to convey the panel’s recommendation to the registrar and the panel’s recommendation will be transmitted by the registrar’s office to graduate schools, employers, and others to whom the student requests that a transcript be sent according to the policies of the University regarding release of transcriptions, and to the department or division chair of the student’s major and the director of financial aid at Rockhurst.

**ENROLLMENT POLICIES**

**Audit**

Those students taking graduate courses for interest or the development of their own skills and not with the intention of seeking credit or a degree may enroll in courses for audit. Auditing students are not required to do course work or to take examinations but are expected to attend classes regularly. Course fees for credit and audit are the same. Students may not change from audit to credit status after registration. Students may change from credit to audit status. The procedures and deadlines for withdrawal from individual classes also pertain to changes to audit status in any class. Students wishing only to audit courses should follow the same application procedures as graduate non-degree seeking students. Participation is on a space available basis and shall only be allowed with permission of the program chair (from the department offering the course) and the appropriate dean. Generally, students entering Rockhurst as auditors only are not eligible for institutional financial aid.
Registration Procedures
Complete information about registration procedures can be found online at the Rockhurst University website: www.rockhurst.edu.

Registration and Graduation Holds
Students with financial, academic, or other obligations to the University will not be able to register for classes until arrangements have been made to fulfill those obligations. Students with academic or other obligations to the University will not be able to graduate until arrangements have been made to fulfill those obligations. Academic obligations include such things as transcripts the student has not provided to the University. For institutional accreditation reasons, the University is required to have on file official transcripts from all institutions of higher education a degree-seeking student has attended, whether or not the credit is applied to their Rockhurst degree program.

Changing Enrollment
Prior to the beginning of the semester, if a student who has registered decides not to attend they must contact the Office of the Registrar immediately in writing to withdraw. Written notification may include e-mail notification however, only through the Rockhurst student e-mail account. After classes have begun for the semester, the student will be responsible for all charges incurred prior to the date notification is given in writing to the Office of the Registrar or Office of Financial Aid (official notification date). Refunds of charges will be given according to the Tuition Refund Schedule using the official notification date. The Tuition Refund Schedule and the final date for withdrawal can be found on the Rockhurst website, www.Rockhurst.edu. In the case of total withdrawal from class, for the purposes of Title IV Aid, the date used will be the last date of attendance or the mid-term date. (See withdrawal and refund in the Financial Aid Section of this catalog).

Drop/Add Period
Students may add and drop classes anytime during the period between registration and the last day of the first full week of classes. This is commonly referred to as the Drop/Add Period. In the case of late entrance to a course, the student is responsible for all assignments made prior to adding the course. To add or withdraw from a course during the Drop/Add period, the student must obtain an official Drop/Add form from the appropriate dean’s office or the Registrar’s Office and submit it to the Registrar’s Office. Only the student’s signature is required during this time. The dates for the Drop/Add period are published in the Academic Calendar on the Rockhurst website. No credit will be allowed for a course in which the student is not appropriately registered.

Withdrawing From a Course After the Drop/Add Period
To withdraw from a course after the Drop/Add period, students must obtain the signatures of their instructor, advisor, and the Financial Aid Office before submitting the Drop/Add form to the Registrar’s Office. The instructor must indicate the student’s last date of attendance on the form. Whether or not the instructor and advisor recommend withdrawal, the student’s right to withdraw remains until the published deadline. See Academic Calendar, www.Rockhurst.edu. It is the responsibility of the student to complete the course withdrawal process. Once the student has completed the withdrawal process
they can confirm the change has been made by accessing the Rockhurst Oracle web with their PIN.

The student is responsible for all financial obligations to the University up to the time of notification in writing to the Office of Financial Aid or the Office of the Registrar of their intent to withdraw (official notification date). **In no case will the student receive a refund of financial assistance.**

Students need to be aware that withdrawal from coursework may affect their ability to meet Financial Aid Satisfactory Academic Progress requirements. In order to maintain eligibility for financial assistance full-time undergraduate students are required to earn 12 hours per semester or 24 hours per year. Part-time undergraduate and graduate students are required to earn 80% of the hours they attempt. Financial Aid Satisfactory Academic Progress is outlined in the Financial Aid section of this catalog. Among other things, withdrawal from class could also affect athletic eligibility, graduation status, insurance eligibility and immigration status. Institutional financial assistance is available for a maximum of eight semesters, athletic scholarship for a maximum of 10 semesters. **Failure to attend or officially withdraw from a class will result in a failing grade.** The final date for withdrawal is published in the Academic Calendar on the Rockhurst website, www.Rockhurst.edu.

**Withdrawal Grade**
Classes dropped during the official Drop/Add period are not reflected on the student’s permanent record. Courses dropped after the Drop/Add period are recorded with grade notations of "W" (withdrawal) or "WF" (Withdrawal Failing). **The student’s failure to process course withdrawals correctly will result in a failing grade.**

**Complete Withdrawal from the University**
A student who formally withdraws from the University on or before the last date to withdraw in a given semester will be withdrawn from all courses, except those courses that have previously been completed or have a grade of “I” (Incomplete) in that same semester. The notification to formally withdraw from the University includes the date the student notified in writing the Registrar or the Financial Aid Office of his or her intent to withdraw. If the student ceased attendance, but did not begin the withdrawal process or notify the institution concerning their intent to withdraw, the mid-point of the semester will be the official withdrawal date for the purpose of Title IV Aid. (See withdrawal and refund in the Financial Aid Section of this catalog). However, the student who fails to withdraw from the institution is responsible for financial obligations to the University based on the University’s tuition and housing refund policies. Students can initiate the formal withdrawal process in the Office of the Registrar.

If a student has registered for the next semester, and decides before the semester begins not to attend, the student must contact the Office of the Registrar immediately, in writing, to withdraw from all classes. Written notification may include e-mail notification however, only through the Rockhurst student e-mail account. After classes have begun for the semester, the students will be responsible for all charges incurred until the student notifies in writing the Office of the Registrar or Office of Financial Aid. Refunds of charges will be given according to the Tuition Refund Schedule.

**Appeal**
If a student fails to notify the Registrar or Financial Aid Offices of their intent to withdraw because of circumstances beyond the student’s control, an appeal may be made to
the Withdrawal Committee. The student will be expected to provide documentation of specific extenuating circumstances to the committee. At this time the recommendation of the dean will also be considered. The decision, however, to accept or reject the appeal will be at the discretion of the committee. Appeals should be sent to the attention of the Financial Aid Director who serves as the chair of the committee.

**Activation of Reserve or National Guard Units**

Those students who are unable to complete academic work during the academic term in which they are called to active duty as part of a Reserve or National Guard unit call-up have three options:

1. The student may choose to totally withdraw from school and be given 100% refund of all academic tuition and fees as well as student activity fees which have been assessed. The permanent record (transcript) will not reflect the withdrawal with a “W”. Students choosing this option will be granted a Financial Aid Satisfactory Academic Progress waiver for the term. In addition, an adjustment will be made on unused portions of room and board.

2. The student, in collaboration with and approval of the instructor, may choose the use of the “I” grade (Incomplete) under appropriate circumstances. The amount of time allowed for the incomplete work will not include the active duty time spent. However, once the student has returned from active duty, the incomplete work must be completed within a reasonable period of time, which will be determined by the Vice President of Academic Affairs. At that time the student may elect to withdraw from the class.

3. The student may elect to complete the work in collaboration with and approval of the instructor on a shortened time frame prior to the active duty reporting date. This arrangement should be chosen only if the student is activated in the final quarter of the term.

In order to select one of the above options, the student must present or fax a copy of the military orders selecting them for active duty to the Registrar’s Office. For further information, contact the Registrar’s Office.

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**ADMINISTRATIVE POLICIES**

**Records of Academic Permissions and Exceptions to Policy**

Permissions, academic board decisions and other records of exception to policy are filed with the Registrar, who maintains these along with other student records.

**Access**

Rockhurst University welcomes qualified students from diverse backgrounds and strives to maintain an atmosphere of respect and sensitivity toward the ultimate dignity of every person. Rockhurst University does not discriminate on the basis of race, color, gender, religion, national origin, age, disability or any other status protected by applicable law in the administration of its educational policies and other University-administered programs. It is the policy of Rockhurst University to provide reasonable accommodation for students defined as disabled in Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and other applicable law.
The Access Office assists Rockhurst University in complying with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Students interested in need of accommodations must identify themselves to the Access Office and provide documentation of their disability. The Office then is able to facilitate reasonable accommodation for equal access to academic and other University-administered programs. The Access Office is located in Massman Hall, Room 7, (816) 501-4689.

Assessment
Rockhurst University is committed to a comprehensive, ongoing assessment process. On occasion students will be expected to participate in aspects of this program so that the institution can document its strengths and identify opportunities for improvement. Student involvement is integral to the University’s success in this endeavor.

Change of Address
All students should notify the Office of the Registrar immediately of any change in their address. International students are required by Immigration officials to notify the Office of the Registrar of any change of address within 10 calendar days of that change. If the correct address is not on file, students may not receive information regarding their enrollment, financial aid, student account, graduation, and other important matters. The University assumes no responsibility for materials sent through the mail not received by the student. Currently-enrolled students may change their address on the Web in a secure environment if they have obtained a Personal Identification Number (PIN) from Computer Services.

Name of Record
A student’s name of record includes the first name, middle initial or full middle name, and the family name. Nicknames should not be used. The University will change the name of a student on its official records on request but requires satisfactory evidence of a legal basis for the change.

Student Rights Under the Family Educational Rights and Privacy Act (FERPA)
The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student’s education records within 45 days of the day the University receives a request for access.
   Students should submit to the registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student’s education records that the student believes are inaccurate or misleading. Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.
   If the University decides not to amend the record as requested by the student,
the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

(3) **The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.**

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

(4) **The right to file a complaint with the U.S. Department of Education concerning alleged failures by Rockhurst University to comply with the requirements of FERPA.**

The name and address of the Office that administers FERPA is:

**Family Policy Compliance Office**
U.S. Department of Education
600 Independence Avenue, SW
Washington, DC 20202-4605

**Directory Information**

Directory information concerning students may be released unless the student specifically requests that such information be withheld. In compliance with FERPA, Rockhurst University defines directory information as student’s name, address, telephone listing, email address, date of birth, grade level, major field of study, dates of attendance, full time/part time status, degrees, honors, and awards received, participation in officially recognized activities and sports, and the most recent previous educational institution attended by the student. Students who wish to restrict the release of directory information must notify the Office of the Registrar in writing during the first week of each academic term. Upon receipt of such request the registrar will designate that their directory information is confidential and not to be released outside the University except to individuals, institutions, agencies, and organizations authorized in the act.

**Rockhurst University’s Diversity Statement**

Rockhurst University is committed to fostering a diverse community and to promoting greater awareness and sensitivity to issues of diversity. This effort is an important part of educating “men and women for others.” The University is committed to the goal of freedom from discrimination and harassment in all its endeavors.

Rockhurst’s Jesuit Mission and Values call for all members of the Rockhurst community to embrace a set of values which guide our behavior toward one another. These values affirm a commitment to providing personal care for every member of our community, and a sensitivity toward the dignity and sacredness of every person. They call on members of our community to demonstrate a realistic knowledge of the world, and to find God in all
things and all people, particularly in the poor and oppressed.

Based on this mission and values, all members of the Rockhurst community are expected to demonstrate the highest standards in their interaction with people of all backgrounds. This requires a community that actively displays a sensitivity to differences of race, gender, age, ethnicity, national origin, culture, sexual orientation, religion and disabilities among students, faculty, administrators and staff.

All members of the Rockhurst University community are expected to embrace these values and to foster an environment which contributes to the growth and development of each member of our community.

University Communication with Students

Clear and timely communication allows students to receive information related to policies, programs, events, and other practical matters (i.e. billing, grades, etc.) affiliated with their education at Rockhurst. The University has established several key routes for communication with students including:

- **Rockhurst E-mail Account:** All Rockhurst students receive a University e-mail account. All e-mail communication from the University is directed exclusively to the Rockhurst electronic mailbox system. Students are expected to access their e-mail account on a regular basis (daily is recommended) in order to stay abreast of important and time-sensitive information. University departments, faculty, and staff will routinely use e-mail to communicate important campus, academic, and extra-curricular/co-curricular information. It is the responsibility of each student to clean their e-mail boxes to allow capacity for incoming messages (i.e. empty deleted items, keep a limited number of sent items, etc.). For further information on your Rockhurst e-mail account, please see Computer Services (Conway Hall 413; x4357; www.rockhurst.edu).

- **Addresses and Phone Numbers:** Students are required to maintain accurate local, billing, permanent, and emergency contact information so that attempts to communicate by the U.S. Postal System as well as phone will not be impeded. To make changes to your addresses or phone numbers of record, please visit the Rockhurst website (www.rockhurst.edu; Oracleweb section under Registrar) or contact the University Registrar (Massman Hall 110).

- **Voicemail Boxes:** Students who live in Rockhurst’s residence halls and Townhouse Village are required to set up and regularly check their voicemail boxes. For assistance please speak to a Residence Life staff member or the Switchboard Operator (Massman Hall, 1st Floor Entry).

- **Campus Mailboxes:** Students who live in Rockhurst’s residence halls, Townhouse Village, or Theme Houses are assigned a campus mailbox located in Massman Hall where U.S. Postal Service mail and other University communications are delivered. For assignment inquiries please connect with Residence Life (Massman Hall 2) and for mailbox malfunctions please speak with the Mailroom staff (Massman Hall, Lower Level).

Students’ failure to set-up, maintain, or update any of the above communication devices will not excuse them from being responsible for information and deadlines enclosed within the attempted communications by the University. Rockhurst strongly encourages students to communicate with relevant University offices regarding information needs, questions, and concerns, and welcomes new and innovative ideas for enhancing communication with the student body as a whole.
GRADUATE COURSES OFFERED THROUGH THE COLLEGE OF ARTS AND SCIENCES

The following courses may, with the approval of the major department, be included as an elective course in certain graduate degree programs. Please contact the director of the program in which you are enrolled for confirmation regarding the acceptability of courses for elective credit for that particular program.

EN 6750. History and Structure of the English Language (5)
A study of the historical origins of the English language, including its relationship to the Indo-European family, its Germanic development into Old English, Middle English, and Modern English with other Latinate influences on the language, the English language in America, and the development of various dialects of English in use today. In addition, the course examines contemporary English grammars, including structural and transformational-generative approaches. (Course fulfills state certification requirements.)

SP 6070 (SP 4060). Spanish for the Health Care Professional (3)
The purpose of this course is to provide students with the ability to overcome cross-cultural barriers in a medical setting and to communicate effectively with speakers of Spanish. Background information on Hispanic cultures (e.g. customs, conceptions of the role of health care providers and courtesy) as well as some medical terminology will be provided. Issues raised by the differences in conceptions of the role of doctors, medicine and health care will be addressed. The graduate course SP 6070 requires independent accelerated additional work appropriate for master's level study. Prerequisite: SP 3100 or approval of the instructor.
SCHOOL OF GRADUATE & PROFESSIONAL STUDIES

Graduate Programs

Academic Administration

Dean
Robin Bowen, Ed.D.

Assistant Dean
Donna Calvert, Ph.D.

Assistant Dean
James E. Millard, Ph.D.

Director of Advising
Terry Forge, B.P.S.

Chairperson, Master of Education Program
Debra Pellegrino, Ed.D.

Chairperson, Master of Occupational Therapy Program
Kris Vacek, OTD, OTR

Chairperson, Doctor of Physical Therapy Program
Brian McKiernan, Ph.D., PT

Chairperson, Master of Science in Communication Sciences and Disorders Program
Dennis Ingrisano, Ph.D.

Rockhurst University’s School of Graduate and Professional Studies grants the Doctor of Physical Therapy, Master of Education, Master of Occupational Therapy, and Master of Science in Communication Sciences and Disorders degrees. Close faculty-student interaction and mentoring are hallmarks of a Rockhurst University graduate experience.

The Master of Education program has two tracks. The first track provides the necessary professional education coursework to meet initial teacher certification requirements in elementary and secondary education in the state of Missouri. The second track provides an emphasis in literacy studies in the contemporary world. Students participate in activities in the Literacy Center, which is housed at the university, allowing them to immediately apply program content.

In the Occupational Therapy, Physical Therapy and Communication Sciences and Disorders Programs, opportunities for interdisciplinary interactions between students and faculty occur throughout the curricula. An interdisciplinary perspective strengthens understanding and collaboration among future colleagues in these health science professions. These programs also provide opportunities for students to participate in collaborative service projects that enable faculty, students, and other members of the Rockhurst community to team with community agencies, fulfilling the institution’s mission in providing leadership in service to others.
DEPARTMENT OF COMMUNICATION
SCIENCES AND DISORDERS (CD)

Professor  Dennis Ingrisano, Ph.D. (Chair)
Associate Professor  Nancy Montgomery, Ph.D.
              Linda Solomon, Ph.D.
Clinical Instructor  Carol Koch, M.S.
Visiting Professor  Betsy Green, M.S.

The Master of Science in Communication Sciences and Disorders incorporates interdisciplinary and multicultural perspectives and integrates coursework, research and clinical practica. As an educational program rooted in the Jesuit tradition, it challenges students to accept the responsibilities and rewards of life-long learning, leadership and service. The focus of this program is to provide a broad range of basic science courses and specialized offerings covering the evaluation and treatment of problems of articulation, language, voice, fluency, and neurophysiologic and structural disorders affecting speech, language and swallowing in culturally diverse populations across the lifespan. This degree program prepares speech-language pathologists for roles as competent clinical practitioners and for entry into doctoral programs.

The goals and objectives of the graduate program in Communication Sciences and Disorders are as follows:

Program Goals:

- Enhancing students' theoretical understanding of the normal development of basic human communication processes as well as the nature, causes, evaluation and treatment of disorders of human communication, inclusive of issues pertaining to culturally and linguistically diverse populations across the lifespan;
- Developing skills needed to evaluate empirical research;
- Fostering students' skills, attitudes and behaviors with diverse individuals who are delayed or disordered in the development and use of effective communication through supervised clinical practice;
- Developing students' professional, ethical, and culturally sensitive conduct in clinical evaluation and treatment and in interactions with families of children and adults with communication disorders and with other professionals; and
- Encouraging continuous professional development and community service for the benefit of individuals with communication problems.

Program Objectives:
The master's program has the primary objectives of:

- Strengthening students' knowledge of the principles of biological sciences, physical sciences, mathematics, and the social/behavioral sciences;
- Enhancing students' knowledge of basic human communication and swallowing processes, including their biological, neurological, acoustic, psychological, developmental, and linguistic and cultural foundations;
- Expanding students' knowledge of the nature, prevention, causes, evaluation and
treatment of speech, language, hearing, and communication disorders, inclusive of issues pertaining to culturally and linguistically diverse populations across the lifespan;

◆ Engaging students in supervised clinical practice with culturally and linguistically diverse individuals who are delayed or disordered in the development and use of effective communication and/or swallowing;

◆ Increasing students’ understanding of and appreciation for linguistically diverse individuals by providing opportunities to develop language competencies necessary to serve those from culturally and linguistically diverse backgrounds;

◆ Cultivating students’ professional, ethical and culturally sensitive knowledge and skills in clinical evaluation and treatment, and in interactions with families of children and adults with communication and swallowing disorders and with other professionals;

◆ Augmenting knowledge of processes used in research and fostering skills needed to evaluate critically empirical research and integrate research principles into evidence-based clinical practice;

◆ Reinforcing students’ knowledge about state and national certification, specialty recognition and other relevant professional credentials;

◆ Fostering students’ knowledge, appreciation and skill in oral and written communication with consumers, professionals and the public.

The Master of Science in Communication Sciences and Disorders consists of 48-49 graduate credit hours, including 30 credit hours of required and 6-7 credit hours of elective course work in speech-language pathology, and 12 credit hours of clinical practice. Some clinic registrations will include weekly class discussions on topics that support the development of knowledge and skills important to successful clinical experience and professional practice. The required course work provides a broad and solid foundation in both the theoretical and applied aspects of the discipline of communication sciences and disorders, while elective course work affords opportunities for more specialization or the pursuit of special interests. The clinical phase of the curriculum introduces students to the clinical, educational, and rehabilitation process. Supervised experiences in evaluation, treatment, and consultation with children and adults are provided. Students complete a minimum of 375 supervised clinical clock hours in a variety of practicum sites. The academic and clinical curricular sequence has been designed to provide continuity of learning experiences. Course work in a particular disorder area will be a pre- or corequisite to clinical practice in that area.

CSD students are required to complete a portfolio to demonstrate successful mastery of the academic knowledge and clinical skills required for the professional practice of speech language pathology. A complete description of the portfolio and examples of artifacts included may be found in the *CSD Policies and Procedures Manual*.

The academic culmination of the program will be the capstone, an innovative research, administrative, or educational project or seminar paper that reflects integration of content across the curriculum. Students who plan to pursue a doctoral degree will be encouraged to engage in a traditionally structured research project. Work on this project will begin in CD 6221. A formal presentation will be conducted in CD 7221 and is the final step in the academic portion of the master’s program.

An outline summary of the CSD graduate program requirements follows:
Required Coursework

CD 6110  Articulation & Phonological Disorders  3 hrs.
CD 6112  Fluency Disorders  2 hrs.
CD 6114  Voice & Resonance Disorders  2 hrs.
CD 6116  Swallowing Disorders  2 hrs.
CD 6118  Motor Speech Disorders  3 hrs.
CD 6122  Neurogenic Communication Disorders Adults I  3 hrs.
CD 6124  Neurogenic Communication Disorders Adults II  2 hrs.
CD 6126  Language Disorders Children I  3 hrs.
CD 6128  Language Disorders Children II  3 hrs.
CD 6130  Language & Literacy Continuum  2 hrs.
CD 6221  Research Applications in CSD I  1 hr.
CD 7221  Research Applications in CSD II  1 hr.
CD 7985  Pathways to Professional Practice  1 hr.

Coursework: 30 hrs.

Required Clinical Coursework and Practice

CD 6970  Clinical Practice I  1 hr.
CD 6973  Clinical Practice II  1 hr.
CD 6982  Clinical Practice: Clinical Methods  1 hr.
CD 7974  Clinical Practice III  1 hr.
CD 7976  Clinical Practice IV  1 hr.
CD 7977  Clinical Practice V  2 hrs.
CD 7975  Clinical Practice - Tutorial (optional)  0 hrs.
CD 7978  Clinical Practice: Dialogues on Diversity I  2 hrs.
CD 7979  Clinical Practice: Counseling  1 hr.
CD 7980  Clinical Practice: Professional Issues  2 hrs.

Clinical Practice: 12 hrs.
### Specialized Courses - Three Concentrations*

<table>
<thead>
<tr>
<th>Acquired &amp; Neurogenic Communication Disorders</th>
<th>Congenital &amp; Developmental Communication Disorders</th>
<th>Communication Disorders &amp; Differences in Culturally &amp; Linguistically Diverse Populations**</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD 7112 Alternative &amp; Augmentative Communication (2hrs.)</td>
<td>CD 7130 Genetic Bases of Communication Disorders (2 hrs.)</td>
<td>CD 6320 Assessment &amp; Intervention in Linguistically Diverse Populations (2hrs.)</td>
</tr>
<tr>
<td>CD 7580 Communication Disorders Acquired Head Injury (2 hrs.)</td>
<td>CD 7180 Language-Learning Disabilities: Reading &amp; Writing (2 hrs.)</td>
<td>CD 6661 Sign Language II (3 hrs.)</td>
</tr>
<tr>
<td>CD 7880 Rehabilitation of Cognitive-Linguistic Impairments (2hrs.)</td>
<td>CD 7280 Autism (2hrs.)</td>
<td>CD 7987 Dialogues on Diversity II (2hrs.)</td>
</tr>
<tr>
<td>CD 6221 Research Applications in CSD I (see required coursework above)</td>
<td>CD 7221 Research Applications in CSD II (see required coursework above)</td>
<td></td>
</tr>
</tbody>
</table>

**Specialized Courses: 6-7 hrs.**

*A minimum of six credit hours are required for each concentration, including a minimum of 4-5 credit hours in one area of concentration, and a 2-3 credit hour option in another area of concentration, plus 2 credit hours of coursework in research applications in which a capstone project related to the primary area of concentration is completed.

**Students will be required to complete additional coursework to receive bilingual certification from the Departments of CSD and Modern Languages and Literature.

**Total Required Graduate Credit Hours: 48-49 hrs.**

The program has been structured so that academic and clinical requirements may be completed on either a full-time or part-time basis through a combination of late afternoon, evening, and summer classes. Students enrolled in the program work with clients in educational and medical/clinical facilities throughout the greater Kansas City metropolitan area and in facilities throughout the nation. Students gain experiences with a wide variety of communication disorders, client populations, and age groups.

Supervised experiences in evaluation and treatment with children and adults are provided for students by ASHA certified speech-language pathologists.

Rockhurst University’s Master of Science program in Communication Sciences and Disorders is accredited by the Council on Academic Accreditation (CAA) of the American Speech-Language and Hearing Association (ASHA).

Graduates of the program are eligible to sit for appropriate national and state certification and licensure examinations. The curriculum satisfies the academic and clinical requirements for ASHA certification, Missouri and Kansas professional licensure, and certification by the Missouri Department of Elementary and Secondary Education as a speech and language pathologist.
Prep-Track
Rockhurst University offers a post-bachelor’s Prep-Track in communication sciences and disorders which allows individuals who hold undergraduate degrees in disciplines other than CSD to complete required and related coursework necessary for admission to a graduate program, whether at Rockhurst or at another institution. Information concerning the Prep-Track is contained in the section of this catalog describing the undergraduate communication sciences and disorders program.

Requirements for the Communication Sciences and Disorders Bilingual Track
The bilingual track establishes that a Communication Sciences and Disorders graduate student has fulfilled specific course requirements in a foreign language with specially selected and required courses relating to and/or supportive of the graduate program. A joint undertaking of the Departments of Modern Languages and Literature and Communication Sciences and Disorders, the purpose of the track is to provide graduate students with an understanding of communication processes in bilingual groups and to develop the language competencies necessary to serve those from culturally and linguistically diverse backgrounds. Following completion of all degree requirements students who elect to pursue this track will receive a certificate from the Departments of Modern Languages and Literature and Communication Sciences and Disorders as evidence of their specialized skills.

A bilingual track is also available in French with equivalent courses.

The following courses or their equivalent are required for the bilingual track:

At the *undergraduate level* (prerequisites which may be completed prior to or during completion of the graduate program):

- CD 5100 Transcription Phonetics (3 credit hours)
- SP 3800 Conversational Fluency (3 credit hours)
- SP 3400 Introduction to Latin American Culture (3 credit hours)

At the *graduate level*:

- CD 6320 Assessment and Intervention in Linguistically Diverse Populations (2 credit hours)
- CD 7987 Dialogues on Diversity II (2 credit hours)
- SP 6070 Spanish for the Health Care Professional or any medical Spanish course at the graduate level (3 credit hours)

The research/administrative/education capstone project, part of CD 6221 and CD 7221, must address a question specific to the bilingual track.
Admission to the Program

Admission to the CSD graduate program will be determined by a faculty committee. Admission is competitive and applicants are encouraged to apply early. Meeting the minimal requirements for entrance to the program described below, therefore, does not guarantee a place in the class. Applications may be submitted for entry in either the Fall or Spring semester.

Additional information concerning the program and an application for admission to the program may be obtained from:

Office of Graduate Admission  
School of Graduate and Professional Studies  
Rockhurst University  
1100 Rockhurst Road  
Kansas City, Missouri 64110-2561  
(816) 501-4097  
800-842-6776  
www.rockhurst.edu/admission/grad

Or you may contact the department at: www.rockhurst.edu/academic/csd

Requirements for Admission

The applicant to the Master of Science in Communication Sciences and Disorders program must submit official undergraduate transcripts, official GRE records, three professional letters of recommendation (at least two of which must be from current or former instructors), and an essay as evidence of the following in order to be considered for admission:

1. An undergraduate degree in Communication Sciences and Disorders (or equivalent area) from an accredited college or university; or an undergraduate degree in another discipline plus coursework equivalent to the major field of concentration of the Rockhurst University undergraduate program in Communication Sciences and Disorders. Undergraduate preparation should consist of at least 36 semester credit hours and reflect a well-integrated program of study including: a) biological/physical sciences and mathematics; b) the behavioral and/or social sciences, including normal aspects of human behavior and communication; and c) the nature, prevention, evaluation, and treatment of speech, language, hearing, and related disorders. Some coursework must address issues pertaining to normal and abnormal human development and behavior across the life span and to culturally diverse populations;

2. A minimum overall grade-point average of 3.00 (on a 4.00 scale) and a 3.00 or better in the undergraduate major are recommended;

3. Strong performance on the Verbal, Quantitative, and Analytical components of the GRE;

4. Excellent oral and written communication; and

5. Strong personal commitment to advanced study and service in communication disorders.
As part of their undergraduate professional coursework, students must have completed the following coursework (or equivalent) with a GPA of 3.0 or better:

Statistics
Transcription Phonetics
Anatomy & Physiology of Speech & Hearing Mechanism
Language Acquisition or Language Development
Speech Science
Neural Bases of Human Communication
Hearing Science & Disorders
Foundations of Hearing Habilitation or Aural Rehabilitation

Candidates must have completed the following prerequisite courses or demonstrate the ability to complete such while enrolled in the graduate program at Rockhurst University: college-level math, general biology, physics, general psychology or sociology, ethics, philosophy, and four additional courses in the humanities. Students may enroll in courses available at Rockhurst or other accredited institutions as appropriate to complete the necessary CSD undergraduate requirements. Once a student has been accepted into the graduate program, he or she must maintain a 3.0 GPA in all remaining prerequisite courses in order to remain in the program.

**Promotion in the Program**

To progress toward the Master of Science in Communication Sciences & Disorders, a student must:
1. Maintain a 3.0 semester and cumulative grade point average for all courses within the graduate CSD curriculum, with no more than two courses in which grades below “B” are earned;
2. Demonstrate consistently professional behavior when interacting with faculty, students, and clients on campus and at clinical sites; and
3. Show evidence of satisfactory progress toward meeting all academic and clinical requirements in compliance with the CAA of the ASHA.

In accordance with the graduate programs at Rockhurst University, a letter grade of “F” automatically results in dismissal from the program.

**Graduation**

In order to receive a Master of Science Degree in CSD from Rockhurst University, a student must complete all degree requirements including a minimum of 48 graduate credit hours, of which 30 credits are in required coursework, 6-7 credits are in elective coursework in speech-language pathology, and 12 credits are in clinical practice. As part of the clinical practice requirements, the student must complete a minimum of 375 supervised clinical clock hours. The successful completion of a capstone experience and portfolio are also required.
Course Descriptions

CD 6110. Articulation and Phonological Disorders (3)
This course will include a comprehensive overview of the nature of normal and disordered articulation and phonological development, as well as theories related to etiologies, descriptive characteristics, developmental norms, and cultural considerations. Students will analyze, synthesize, and evaluate information as it relates to clients who exhibit articulation and phonological disorders and demonstrate knowledge of evidence-based prevention, assessment, and intervention of articulation and phonological disorders.

CD 6112. Fluency Disorders (2)
This course will address theories about and research related to normal and disordered fluency. Factors which contribute to fluency disorders will be considered. Various treatment approaches to fluency will be discussed relative to the history of fluency disorders. Formal and informal assessment methods will be highlighted for both pediatric and adult fluency clients. Medical, behavioral, and psychological models of treatment will be included.

CD 6114. Voice & Resonance Disorders (2)
This course will examine the normal and abnormal processes of voice and resonance. It will include in-depth study of assessment and treatment of functional, organic, neurogenic, and psychogenic voice disorders in pediatric and adult populations. Experience in perceptual and instrumental analysis of voice will be included. Treatment and counseling issues for laryngectomy and other vocal pathologies will be addressed.

CD 6116. Swallowing Disorders (2)
This course will provide information about the processes involved in normal and disordered swallowing in children and adults. It will include a review of the anatomy and physiology of normal swallowing and the anatomic and physiologic disturbances affecting deglutition, with an emphasis on radiographic and bedside diagnostic and treatment procedures.

CD 6118. Motor Speech Disorders (3)
This course will focus on the assessment and treatment of motor speech disorders in adults and children. Particular emphasis will be placed on methods of evaluation and differential diagnosis of the dysarthrias and apraxias of speech leading to an enhanced understanding of the neurologic mechanisms of motor speech control. Contemporary issues and approaches to rehabilitation and management of motor speech disorders will be emphasized.

CD 6122. Neurogenic Communication Disorders Adults I (3)
This course will examine the assessment and treatment of acquired language disorders in adults. The primary focus will be on the study of adult aphasia. The theoretical bases of aphasia from historical and contemporary perspectives will be discussed. Differential diagnosis in aphasia, assessment, intervention, and counseling of patients will be considered with a focus on the importance of culturally related factors.

CD 6124. Neurogenic Communication Disorders Adults II (2)
This course will provide the student with information about the diagnosis and treatment of acquired cognitive-linguistic impairments in adults. Right hemisphere disorders, irreversible dementia, and traumatic brain injury will be among the topics studied. Emphasis will be on the assessment and management of individuals with both focal and diffuse brain injury. The psychosocial impact of cognitive-linguistic impairments on the individual and the family will be considered.

CD 6126. Language Disorders Children I (3)
This course will focus on early language assessment, intervention and service coordination for children with special needs ages birth to five using a family-centered, culturally appropriate approach. An overview of the history and legislation of early language intervention will also be provided. The course will emphasize identification and treatment issues specific to federal laws including counseling and support for families, multicultural considerations and interdisciplinary/transdisciplinary assessment and intervention.

CD 6128. Language Disorders Children II (3)
This course will review contemporary literature relating to the language disorders of school age children and adolescents. The students will gain knowledge of disorder descriptions, assessment techniques, intervention strategies, and the interconnections between language and learning. Discussion of literacy, the multidimensional nature of language and the use of culturally different language patterns in the classroom will also be discussed.

CD 6130. Language and Literacy Continuum (2)
This course will examine the hierarchical and reciprocal relationships between spoken and written language with an emphasis on risk factors and early development of skills that unfold before formal reading instruction. Consideration will be given to principles and methods of prevention, assessment, and intervention involved in the literacy education of individuals from early childhood through adolescence and adulthood.

CD 6221. Research Applications in CSD (1)
This course will provide students with opportunities to see how methodological principles are systematically applied in research in communication sciences and disorders and demonstrate how these
Principles and the scientific evidence produced are utilized for defining and solving clinical problems. Large and small group activities will focus on preparing grants and foundation proposals, journal writing and developing scientific presentations. Students enrolled in CD 6221 will explore research related to an area of concentration, identify a research, administrative or educational topic and question and begin work on a research project. A formal presentation of this project will be conducted in CD 7221 and is the final step in the academic portion of the master's program. Concurrent: CD 6430.

CD 6320. Assessment and Intervention in Linguistically Diverse Populations (2)
This course will provide an overview of the basic principles underlying assessment and intervention procedures for use with linguistically diverse individuals with communication disorders. Although significant emphasis will be placed on the Spanish-English speaker, many of the principles that will be addressed are applicable to other linguistically diverse speakers. Specifically, the course will provide a review of 1) the influence of diverse cultural and linguistic backgrounds on human communication behaviors and disorders, 2) the cultural and linguistic variables that impact the use of standardized and non-standardized assessments, and 3) alternative assessment and intervention techniques that are culturally sensitive and family centered. Focus will be given to the utilization of a “difference versus disorders” approach when considering phonetic, phonologic, and linguistic issues.

CD 6430. Concepts and Practices of Research (2)
This course will introduce students to clinical research in areas related to communication disorders. Both experimental and descriptive research methods will be highlighted. The principles of design and analysis form the context for the examination and integration of scientific knowledge with clinical practice.

CD 6559 (CD 4559). Sign Language and Other Alternative Methods of Communication (3)
This course will provide an introduction to sign language including finger-spelling and basic vocabulary words. It will also explore alternative and augmentative (AAC) methods of communication. AAC methods will include picture boards, computer programs, and other devices to facilitate communication under communicatively challenging situations. Students taking this class for graduate credit must complete an additional project on an accelerated level appropriate for such graduate credit. Prerequisite: CD 6559 (CD 4559).

CD 6970. Clinical Practice I (1)
This is the first in the sequence of clinical courses. This course will be a combination of supervised clinical practice, weekly discussion groups, and supervisor/student clinician conferences. Opportunities for supervised clinical experience in the treatment and assessment of children with communication disorders will be provided. Procedures for screening, prevention, evaluation, intervention, and collaboration with families and professionals will be emphasized in the context of ethical practice and cultural and linguistic diversity. Fee. Prerequisite or concurrent: CD 6970.

CD 6973. Clinical Practice II (1)
This course is the second in the sequence of clinical courses. It is a combination of supervised clinical practice, supervisor/student conferences, and regularly scheduled discussion groups. Supervised clinical practice involves time spent in actual evaluation or treatment of culturally and linguistically diverse clients across the lifespan with various types and severities of communication disorders. Fee. Prerequisite or concurrent: CD 6970.

CD 6982. Clinical Practice: Clinical Methods (1)
This course will provide an overview of the principles and methods of prevention, assessment, and intervention for individuals with communication and swallowing disorders. The primary focus will be on the process through which new communication behaviors are introduced, sustained, and generalized to other contexts. Principles and procedures used in evidence-based practice will be reviewed and emphasized. Participation in case staffings and course projects will encourage students to consider methods and materials selected for a specific case and identify research evidence to support or refute their practice choices.

CD 7112. Alternative and Augmentative Communication (2)
This course will address theoretical and practical issues pertaining to the identification, evaluation, and treatment of individuals with severe and multiple communication deficits, which require augmentative/alternative communication systems and/or adapted computer systems. It will include discussion of the application of graphics, signs and gestures, and the use of aids and devices, development of interactive communication behaviors as well as the use of computer assisted communication strategies.

CD 7115. Ethical Decision-Making in Communication Sciences and Disorders (1)
This inter-departmental course in ethical decision-making in CSD is team-taught by professors in the departments of philosophy and CSD. It is designed to enhance students' awareness of, and knowledge...
about a complexity of issues in the professional practice of speech-language pathology such as the use of technology, scope of practice, multi-skilling, patients' rights, research, caseload diversification, and the supervision of speech-language pathology assistants, all of which have some ethical considerations. The course will include a weekly group discussion in which students will engage in the process of ethical diagnosis using clinical scenarios based on individuals with communication disorders.

CD 7130. Genetic Bases of Communication Disorders
(2)
This course will introduce human genetics and explore the impact of chromosomal and structural anomalies on the process of communication. Course content will include the assessment and remediation of various disorders related to these anomalies.

CD 7180. Language-Learning Disabilities: Reading and Writing
(2)
This course will present a comprehensive integration of research on language development and disorders with research on reading and writing disabilities. Consideration will be given to the processes that underlie spoken and written language including phonological processing skills and their associated cognitive processes as well as higher-level language, text processes and meta-cognitive abilities. A developmental language perspective is used in which reading and writing are viewed as language-based skills.

CD 7221. Research Applications in CSD II
(1)
This course will provide students with opportunities to see how methodological principles are systematically applied in research in communication sciences and disorders and will demonstrate how these principles and the scientific evidence produced are utilized for defining and solving clinical problems. Large and small group activities will focus on preparing grants and foundation proposals, journal writing and developing scientific presentations. Students enrolled in CD 6221 will explore research related to an area of concentration, identify a research, administrative or educational topic and question and begin work on a research project. A formal presentation of this project will be conducted in CD 7221 and is the final step in the academic portion of the master's program. Prerequisite: CD 6221, CD 6430.

CD 7280. Autism
(2)
This course will provide an overview of the characteristics and etiology of autism spectrum disorders. Students will develop skills and strategies for communication and language assessment and intervention for this population. Major emphasis will be placed on the speech, language, communication, and behavior of individuals with autism. Guidelines for assessment and intervention will be provided including decision-making for the selection of a communication system, functional assessment of challenging behavior and structured teaching and environmental supports for effective learning.

CD 7580. Communication Disorders in Acquired Head Injury
(2)
This course will review the current literature concerning the communicative sequelae of acquired brain injury in children and adults. Topics will include the neurophysiology of brain functions, methods of assessment and clinical management of patients with closed-head injuries. Prerequisite: CD 6122 and CD 6124.

CD 7880. Rehabilitation of Cognitive-Linguistic Impairments
(2)
This course will address both practical and theoretical aspects of assessment and treatment of individuals with acquired cognitive-linguistic impairments across the lifespan. A case-based format will be applied to assessment and intervention for impairments in memory, attention, perception, organization, reasoning and executive functions as they relate to the individual's functional needs. Prerequisite: CD 6122. CD 6124.

CD 7974. Clinical Practice III
(1)
This course is the third in the sequence of clinical courses. It will provide supervised clinical practice experience including opportunities to conduct screening/prevention/evaluation procedures, integrate/synthesize case history and evaluation information, complete oral and written reports, develop/implement intervention plans, and communicate with clients/caregivers/professionals. Clinical experiences will be provided with culturally and linguistically diverse client populations with various types and severities of communication disorders across the lifespan. Weekly on-line communication with the instructor will be required throughout the course. Fee. May be taken concurrently with CD 7976. Prerequisite: CD 6970, CD 6973.

CD 7975. Clinical Practice – Tutorial
(0)
This will provide tutorial experience following a term in which clinical difficulties were identified as significant by the student, a supervisor or the Clinical Coordinator. A student becomes eligible to enroll in this course if the supervisor notes problem areas which compete with adequate clinical performance. Once the tutorial is recommended, the student must complete this experience prior to requesting additional clinical work and completing the program. A grade of B or better qualifies a student to resume the normal clinical sequence.

CD 7976. Clinical Practice IV
(1)
This course is the fourth in the sequence of clinical courses. It will provide supervised clinical practice experience including opportunities to conduct screening/prevention/evaluation procedures, integrate/synthesize case history and evaluation information, complete oral and written reports,
CD 7977. Clinical Practice V (2)
This course is the fifth in the sequence of clinical courses. It will provide supervised clinical practice experience including opportunities to conduct screening/prevention/evaluation procedures, integrate/synthesize case history and evaluation information, complete oral and written reports, develop/implement intervention plans, and communicate with clients/caregivers/professionals. Clinical experiences will be provided with culturally and linguistically diverse client populations with various types and severities of communication disorders across the lifespan. Weekly on-line communication with the instructor will be required throughout the course. May be taken concurrently with CD 7974. Prerequisite: CD 6970, CD 6973.

CD 7976. Clinical Practice: Counseling (1)
This course will review current theories in interviewing and counseling as they apply to individuals with communication disorders and their families. Opportunities will be provided for application of knowledge through role-playing and discussion of clinical scenarios based on individuals with communication disorders.

CD 7978. Clinical Practice: Professional Issues (2)
This course will provide an overview of the historical, legal, and ethical foundations and contemporary issues that affect the professions of speech-language pathology and audiology. It will include information on certification, specialty recognition, licensure and other forms of credentialing of speech-language pathologists, accreditation of service and education programs, the structure and affairs of the ASHA and other professional associations, scope of practice and practice policies and guidelines, and state and federal regulations and policies related to the practice of speech-language pathology. Career development issues will be addressed as well as ways for individuals to engage in advocacy activities and participate in their professional associations.

CD 7979. Clinical Practice: Counseling (1)
This course will review current theories in interviewing and counseling as they apply to individuals with communication disorders and their families. Opportunities will be provided for application of knowledge through role-playing and discussion of clinical scenarios based on individuals with communication disorders.

CD 7980. Clinical Practice: Professional Issues (2)
This course will provide an overview of the historical, legal, and ethical foundations and contemporary issues that affect the professions of speech-language pathology and audiology. It will include information on certification, specialty recognition, licensure and other forms of credentialing of speech-language pathologists, accreditation of service and education programs, the structure and affairs of the ASHA and other professional associations, scope of practice and practice policies and guidelines, and state and federal regulations and policies related to the practice of speech-language pathology. Career development issues will be addressed as well as ways for individuals to engage in advocacy activities and participate in their professional associations.

CD 7985. Pathways to Professional Practice (1)
This course will focus on the application of knowledge and skills acquired during the first year of graduate school. Students will conduct roundtable discussions, and complete and document portfolio projects as part of the class. Students will engage in activities such as service learning projects, immersion experiences, leadership circles, Praxis preparation, grant writing, interdisciplinary contacts, case study presentations, and/or an ethics round table.

CD 7987. Dialogues on Diversity II (2)
This course will focus on the application of the cultural skills and knowledge acquired in Dialogues on Diversity I. Inter-institutional teams will engage in active case analyses using ethnographic methods to examine case scenarios involving individuals with communication disorders from culturally and linguistically diverse backgrounds. Prerequisite: CD 7978.
DEPARTMENT OF EDUCATION (ED)

Associate Professor
Amy McAninch, Ph.D.
Debra Pellegrino, Ed.D. (Chair)

Assistant Professor
Kyeong Ju (Kay) Seo, Ph.D.
Rena Shull, Ph.D.
Patience Sowa, Ph.D.

Director of Field Experience
Mary Pat Shelledy, Ed.S.

Assistant Director of Field Experiences
Melody Studer, M.A.

Lecturer
Alan Douglas, Ph.D.
Stuart Phipps, Ed.S.

The Rockhurst University Department of Education prepares teachers to have a solid background in their chosen fields of study, who are knowledgeable and competent in the craft of teaching, and who bring well informed perspectives to bear on educational policies and practices. We develop educational leaders—teachers who are actively engaged in educational matters as reflective practitioners. The Master of Education (M.Ed.) program calls upon students to analyze alternatives in curricula, teaching methodologies, and assessment strategies, and to consider the implications of such alternatives for a multicultural, democratic society. Through rigorous coursework and varied field experiences, students acquire a deep understanding of, and special sensitivity to, the challenges and rewards of teaching in the K-12 schools.

The M.Ed. program provides a broad range of educational experiences to prepare students to be effective classroom teachers. The program balances a focus on theoretical and practical concerns through an emphasis on the five dominant areas of teacher knowledge constituted in the M.Ed. core:

1. Context and Purpose
2. Technique and Artistry
3. The Learner
4. Literacy
5. Research and Inquiry.

Accreditation
The Rockhurst University Department of Education is accredited on the national level by the Teacher Education Accreditation Council, on the state level by the Missouri Department of Elementary and Secondary Education, and on the regional level by the North Central Association.

The M.Ed. program operates according to the general administrative policies governing graduate studies at Rockhurst University. Education program requirements listed in this catalog are subject to revision at any time based on changes in state certification requirements.

Core Curriculum
The Two Tracks of the M.Ed. are oriented around a required core curriculum. This core curriculum aims to deepen students’ understanding and sharpen students’ expertise in five key areas pertaining to the work of teachers: 1) Context and Purpose; 2) Technique and Artistry; 3) The Learner; 4) Literacy; 5) Research and Inquiry. Consisting of rigorous tra-
ditional coursework, distance learning opportunities, and varied field experiences, the M.Ed. core curriculum ensures a consistency and continuity of experience and provides a broad foundation in the theoretical and practical matters involved in teaching and learning. All students seeking the M.Ed. at Rockhurst University will successfully complete the core curriculum. This core curriculum consists of at least 14 credit hours that cut across these five essential areas of knowledge and skill required of teachers. The M.Ed. core permits students the opportunity (except where certification requirements apply) to select among several courses that meet the requirement in a specific domain.

**Context and Purpose**

The ability to understand and articulate a coherent and defensible purpose for one’s teaching is perhaps the most important, and least developed, skill among today’s teachers. Possessing a deep awareness of the larger context—historical, philosophical, cultural, etc.—is absolutely essential in order for teachers to engage in such purposeful teaching. This domain of study is consistent with the standards for study in the foundations of education as expressed by The Council for Learned Societies in Education: “The objective of such study is to sharpen students’ abilities to examine, understand, and explain educational proposals, arrangements, and practices and to develop a disciplined sense of policy-oriented educational responsibility. Such study develops an awareness of education and schooling in light of their complex relations to the environing culture.” (Standards for Academic and Professional Instruction in Foundations of Education, Educational Studies, and Educational Policy Studies, Second Edition, 1996, pp. 7-9).

Students choose one of the following courses to fulfill the core requirement in Context and Purpose:

- ED 6010 Foundations of Education (3 credit hours) or
- ED 6600 Integrated Education: Educational History, Culture and Research A (3 credit hours)

**Technique and Artistry**

There should be no doubt that teaching is a highly practical activity, best learned while actually engaged in the practice of it. Indeed, one might well agree with Yale University Emeritus Professor Seymour Sarason who has argued that teaching is most appropriately understood to be akin to a performing art, aiming to both instruct and move students, and requiring distinct forms of education and experience in order to perfect one’s artistry. (Sarason, Teaching as a Performing Art, Teachers College Press, 1999). Like an art, teaching defies easy categorizations and reductionistic formulas, and as an art it requires rigor and precision and the adaptation of certain techniques to achieve intended affects. This domain encourages students to explore the techniques of teaching, understood within the context of teaching as an art.

Students choose one of the following courses to fulfill the core requirement in Technique and Artistry:

- ED 6030 Technology and Education: Applications and Implications (3 credit hours) or
- ED 7710 The Teacher as Performer: Art and Technique in Classroom Practice (3 credit hours)
The Learner

“Rockhurst University is a Jesuit school, whose educational philosophy is rooted in the spirituality of the founder of the Jesuits, Ignatius of Loyola, who believed that God’s Spirit is constantly at work in all of creation and especially in every human being whose gifts and talents mirror the goodness and grandeur of God. Ignatius treated everyone with reverence and respect, and strove to bring forth each person’s best gifts.” (“The Mission, Values and History of Rockhurst,” Rockhurst University 2006-2008 Catalog). This domain of inquiry intends to reflect this goal by encouraging teachers to develop a sensitivity to the potential genius of every learner. Here contemporary psychological theory and research is brought to bear on how teachers might work to promote the specific learning needs of each student.

Students choose one of the following courses to fulfill the core requirement in The Learner:

- ED 6400 Advanced Psychological Foundations (3 credit hours) or
- ED 6450 Foundations of Special Education (3 credit hours)

Literacy

This domain is taken to be the cornerstone of all teaching. Here students are taught not only how to teach the skills of decoding to achieve some form of functional literacy, but to see the acquisition of literacy as a necessary precondition to authentic selfhood, emancipation, and social empowerment. Literacy is construed to represent the primary means by which the world is accessed and defined. One learns, to borrow a Freirean phrase, to read the “word and the world.” A wide variety of practical and theoretical matters pertaining to literacy are explored in this domain.

Students choose one of the following courses to fulfill the core requirement in Literacy:

- ED 6020 Fundamentals of Literacy Learning (3 credit hours) or
- ED 7730 Literacy and Critical Media Study (3 credit hours)

Research and Inquiry

Teachers, in order to be effective, must be adept researchers and they must be actively engaged in meaningful forms of inquiry. Moreover, teachers must have the capacity to critically examine various research claims and to assess the relative worth of such claims to understanding their own classroom practice and environment. Finally, in the midst of so many conflicting claims, teachers need to develop the ability to trust their own perspectives and judgments—to utilize what is sometimes referred to as “Verstehen”—with respect to the important pedagogical decisions they are called upon to make. This domain gives teachers experiences from which to sharpen their expertise in this key area.

Students choose one of the following courses to fulfill the core requirement in Research and Inquiry:

- ED 6150 Field Experiences and Action Research (3 credit hours) or
- ED 6650 Integrated Education: Educational History, Culture, and Research B (3 credit hours)

Graduates of the program will be well prepared to assume a variety of educational roles in K-12 schools and to reflect critically and ethically on educational policies and practices. This degree also prepares students to pursue a Ph.D. or Ed.D. in education.
Our Programs and Services

In accordance with the Rockhurst University commitment to “learning, leadership, and service in the Jesuit tradition,” the Department of Education mission aligns with our conceptual framework and focuses on three themes: a focus on moral reflection, teaching for social justice, and providing a liberal treatment of subject matter. These themes are emphasized throughout the M.Ed. program.

The Rockhurst University Department of Education Literacy Center allows Master of Education students unique field opportunities. The Literacy Center offers services designed both to cultivate habits of reflection on values and to enable our graduate students to commit to leadership through service. The Department of Education’s view of literacy does not end with merely teaching our community learners to read and write. We empower the learner to reshape their life, and the world. Graduate students assess and teach learners under the supervision of Department of Education faculty.

Several M.Ed. courses require students to spend a significant amount of time in diverse school settings. These field experiences are important components in the preparation of teachers. Although all course work may be completed during the evening at Rockhurst University, students will need to be flexible in their scheduling for field experiences. The Rockhurst University Department of Education Literacy Center offers graduate candidates with flexible opportunities to relate principles and theories to actual practice, which include students of different ages with culturally diverse and exceptional populations.

Students enrolled in the Master of Education program choose from a variety of track options:

Track One

Track One provides the necessary professional education coursework to meet initial teacher certification requirements in elementary and secondary education in the state of Missouri. Track One focuses on curriculum, instruction, and assessment. Track One consists of a minimum of 49 graduate credit hours and a minimum of six undergraduate content credit hours for elementary education, and a minimum of 34 graduate credit hours with a minimum of three undergraduate content credit hours for secondary education.

Track Two

Track Two emphasizes literacy studies in the contemporary world. Students in Track Two participate in activities of the Literacy Center, housed on the main Rockhurst University campus, allowing students to immediately apply program content as well as partner with the K-12 schools in the greater Kansas City area. A fundamental principle of teaching literacy is that there is no one approach for all children.

Track Two of the M.Ed with an Emphasis in Literacy Studies has four options: Option A: M.Ed. in Literacy Studies; Option B: M.Ed. in Literacy Studies with Certification in Special Reading; Option C: M.Ed. in Literacy Studies with Specialization in Teaching English for Speakers of Other Languages (ESOL); Option D: M.Ed. in Literacy Studies with Certification in Teaching English for Speakers of Other Languages (ESOL).

All four Track Two options examine instructional strategies for proficient readers and writers, struggling readers and writers and bilingual learners. Option A is especially designed for students seeking a serious study of the practical and theoretical implications of literacy in the contemporary world. Options A or C are intended for graduate students...
who do not hold initial teacher certification but who are interested in applying their interest in literacy studies. Students in Options A or C are not eligible for advanced teacher certification in the State of Missouri. Options B and D meet the needs of graduate students who already hold teacher certification at the elementary, middle, or secondary level, and seek to deepen their understanding of literacy. Track Two consists of a minimum of 33 graduate credit hours.

Admission Requirements for the M.Ed.

1. Completion of a baccalaureate degree at an accredited institution with a cumulative grade point average of 2.5 or higher on a 4.0 scale. Students are required to submit two official transcripts of all college-level coursework.
2. Submission of two letters of professional recommendations that speak to the candidate’s potential to serve as a teacher.
3. Submission of a written essay describing the student’s prior educational experience and professional goals.
4. Completion of an interview with Department of Education faculty.
5. Completion of all required application materials.

Additional Admission Requirements

Track Two, Option B
M.Ed. in Literacy Studies with Certification in Special Reading
Certified teachers must also submit the following materials:
1. A photocopy of a valid Missouri permanent or professional certificate of license to teach.
2. Evidence of two years of successful teaching. Students may fulfill this requirement while completing their degrees, but it is the student’s responsibility to furnish evidence of successful teaching to the Department of Elementary and Secondary Education
3. One of the two letters of recommendation must be from a supervisor/principal, and describe the applicant’s performance or potential as a teacher.
4. The written essay must document the applicant’s reasons for applying to the program and their plans for using the Special Reading Certification from the State of Missouri.

Track Two, Option C
M.Ed in Literacy Studies with Specialization in Teaching English for Speakers of Other Languages (ESOL)
Applicants for Option C must fulfill the above Admission Requirements for the M.Ed., but do not have to have a permanent or professional certificate of license to teach. Recommendation letters for these applicants must be professional recommendations that speak to the candidate’s potential to serve as a teacher.

Track Two, Option D
M.Ed. in Literacy Studies with Certification in Teaching English for Speakers of Other Languages (ESOL)
Certified teachers must also submit the following materials:
1. A photocopy of a valid Missouri permanent or professional certificate of license to teach.
2. Evidence of completion of at least two semesters of foreign language learning at
the university or community college level with a minimum grade of C in each course. Students may fulfill this requirement while completing their degrees, but the courses taken will not count towards the degree.

3. Candidates whose first language is a language other than English must have a TOEFL score of at least 550 on the paper-based test or 207 on the computer-based test.

4. One of the two letters of recommendation must be from a supervisor/principal, and describe the applicant’s performance or potential as a teacher.

5. The written essay must document the applicant’s reasons for applying to the program and their plans for using the ESOL Certification from the State of Missouri.

Application to the M.Ed. program is welcome at any time; accepted students may begin coursework in the fall, spring or summer terms. Students may complete their degree on either a full-time or part-time basis. Courses are scheduled during the evening hours or weekends, as well as summer options, to facilitate attendance by working adults. It is estimated that most students will complete the requirements in two years.

All content area course work not taken at Rockhurst University must be reviewed for consistency with state certification requirements by the Chair (or the Chair’s designee) of the relevant Rockhurst University department. Education courses from other institutions are generally not accepted.

Additional information and the application can be obtained from:

Office of Graduate Admission  
Rockhurst University  
1100 Rockhurst Road  
Kansas City, Missouri  64110-2561  
816-501-4097 or 816-501-4100  
1-800-842-6776  
www.rockhurst.edu  

You may email us directly at: graduate.admission@rockhurst.edu

Graduation Requirements: Track One

1. Achieve a cumulative grade point average of 3.0 or higher to graduate.

2. Successful completion of the electronic student portfolio, based on the 11 MOSTEP teacher standards and a 12th standard on the Department’s conceptual framework, documenting the student’s development in theory, research and practice as a teacher, and educational leader. The portfolio is an integral part of the Rockhurst University Education program. The portfolio:
   a. Provides information for self-assessment and program evaluation, and ensures that graduate candidates possess the knowledge, skills and competencies defined as appropriate to their area of study.
   b. Documents the central teaching concepts, tools of inquiry and structures of the discipline(s) within the context of a global society and creates learning experiences that make these aspects of subject matter meaningful for students, parents, peers, and supervisors.
c. Provides concrete examples and resources in collegial activities
designed to foster leadership roles in research presentations and
in-service professional development education.
d. Aids in the self-reflection process as graduate students seek
opportunities to grow professionally by utilizing self-assessment
and problem-solving strategies for moral reflection, professional
growth and learning, and teaching for social justice. The portfolio
provides an authentic representation of a student’s work over time
and culminates as a capstone presentation.

3. Successful completion of the Professional Semester.
The Professional Semester is comprised of ED 7800 or ED 7850, a
fourteen-week student teaching course (10 credit hours), and ED 7900,
the Integrative Graduate Student Teaching Seminar (4 credit hours).
Graduate students in Track One of the M.Ed. program must submit a
formal student teaching application that includes the following:
1. Completion of Standard 12 of the electronic portfolio;
2. Submit all official transcripts with a grade of C or better for all profes-
sional requirements; all content area courses and all Education courses
must be completed before the Professional Semester;
3. Successfully pass the Praxis II specialty area test for Missouri Certification.
   This exam must be completed and passed before being accepted into the
   Professional Semester. Graduate students seeking Secondary Education
   Certification are encouraged to take their Praxis II exam early in the grad-
   uate program since the M.Ed. does not prepare the graduate student for
   content knowledge in their field, but rather pedagogical knowledge.
4. Fingerprinting, background check, and other guidelines set forth by the
   state of Missouri using Identix.

Graduation Requirements: Track Two
The Master of Education degree requires a cumulative grade-point average of 3.0 or
greater to graduate. Requirements for graduation in Track Two consist of successful com-
pletion of 33 graduate credits for Option A, 42 graduate credits for Option B, and 40
graduate credits for Options C and D. All students in Track Two Options A, B, C and D
must submit an electronic portfolio for formal evaluation at the completion of the pro-
gram. Students in Option D must also pass the ESOL Praxis for certification.

Additional graduation requirements for Option B
M.Ed in Literacy Studies with Certification in Special Reading
1. Students must submit evidence of having completed two years of successful
teaching in K-12 schools to the Department of Elementary and Secondary
Education.
2. Students must submit an electronic portfolio and an action research capstone
project for formal evaluation at the completion of the program.

Additional graduation requirements for Option C
M.Ed in Literacy Studies with Specialization in ESOL
and Option D Certification in ESOL
1. Students must have completed two semesters of a foreign language with a
minimum grade of C in each course; a grade of C- will not satisfy the
requirement.
2. Pass the ESOL Praxis for certification for Option D.
3. Students must submit an electronic portfolio for formal evaluation and an action research capstone project for formal evaluation at the completion of the program.

Certification Requirements, Missouri State Department of Elementary and Secondary Education (DESE)

1. Successful completion of all M.Ed. graduation requirements.
2. Successfully pass the Praxis II Examination.
   Elementary: Elementary Education: Curriculum, Instruction, and Assessment or the Secondary: Praxis II Specialty Area Test. Track Two Option D, ESOL Praxis.
3. Fingerprint Requirements
   The State Board of Education requires FBI criminal history background checks, including fingerprints, prior to the awarding of initial teacher certification in Missouri.
4. A grade of C or better is required for all content area courses and all Education coursework. Official transcripts for all content area courses need to be submitted to the Department of Education.
5. Accepted graduate students in the M.Ed. program who hold a bachelor's degree from an accredited institution are exempt from taking the College BASE examination.

Definition of Teacher Education Program Completer

Students seeking the Master of Education degree with initial teacher certification will be construed to be program completers upon successful completion of all education program requirements and upon successfully passing the Praxis II Specialty Examination for their respective area, as determined by the state of Missouri.

Track One

M.Ed. with Initial Teacher Certification in Elementary or Secondary Education

Track One provides the necessary professional education coursework to meet initial teacher certification requirements in elementary and secondary education in the state of Missouri. Certification in elementary education allows teachers to teach in grades one through six. Certification in secondary education allows teachers to teach in grades 9 through 12 in a specific content area. Track One focuses on curriculum, instruction, and assessment.

Track One A Elementary Education

Course Requirements:

ED 6010 Foundation of Education* (3 credit hours)
ED 6020 Fundamentals of Literacy Learning* (3 credit hours)
ED 6030 Technology and Education: Applications and Implications* (3 credit hours)
ED 6150 Field Experiences and Action Research (3 credit hours)
ED 6400 Advanced Psychological Foundations (3 credit hours)
ED 6450 Foundations of Special Education (3 credit hours)
ED 6501  Curriculum, Methods, and Assessment I: (Teaching Science, Mathematics, and Health in Grades 1-6) (4 credit hours)
ED 6502  Curriculum, Methods, and Assessment II: (Teaching Language Arts, Social Studies and Children’s Literature) (4 credit hours)
ED 6700  Methods of Diagnosis and Instruction for Remedial Reading (3 credit hours)
ED 7710  The Teacher as Performer: Art and Technique in Classroom Practice (3 credit hours)
ED 7760  Literacy Practicum (3 credit hours)
ED 7800  Graduate Student Teaching in the Elementary School (10 credit hours)
ED 7900  Graduate Integrative Student Teaching Seminar: Classroom Planning, Management, and Assessment (4 credit hours)

Total: 49 graduate credit hours

*Co-listed as a 4000-level undergraduate course. Students may apply up to eight credit hours of the following co-listed courses to the graduate degree: ED 4010/ED 6010, ED 4020/ED 6020, ED 4030/ED 6030. For graduate credit, these courses must be taken at the 6000-level, which requires that those students taking the course for graduate credit complete additional work at an accelerated level appropriate for graduate credit, and that the additional work required for graduate credit is reflected in the course syllabus. Courses taken at the 4000-level do not apply to the M.Ed. degree. For the M.Ed., the student must take the course at the 6000-level or take another graduate course in that domain of the M.Ed. core.

In addition to the 49 graduate credit hours, students are also required to have completed at least 15 additional credit hours of Professional Education requirements for Missouri Certification for Elementary Education to fulfill the 64 credit-hour state requirements for certification.

Additional Requirements for Missouri Certification for Elementary Education:
1. MT 1140 Mathematics for Elementary School
2. GE 3300 Introduction to Human Geography
3. Music or Art: Studio courses are not accepted to meet this requirement.
4. Social Science: An American government course is required. Other political science courses are not accepted to meet this requirement.
5. Science: Both the physical science and biological science requirements must have a lab. Physical Science options include earth science, geology, chemistry, physics, astronomy, and environmental science. Biological science options include biology, anatomy, and physiology.
6. A grade of C or better is required for all education coursework.
7. All content area courses and all professional education courses must be completed before the professional semester.
8. All content area coursework not taken at Rockhurst University must be reviewed for consistency with state certification requirements by the Chair of the Department of Education (or the Chair’s designee). Education courses from other institutions are generally not accepted.
Track One B Secondary Education
Rockhurst University is accredited by the Missouri Department of Elementary and Secondary Education as a graduate level accelerated initial teacher certification program to recommend students for state certification in the following fields: biology, business, chemistry, elementary education, English, French (K-12), mathematics, physics, Spanish (K-12), social science, unified science (biology, chemistry, and physics).

In addition to the 34-35 credit hours of graduate-level course requirements, students are also required to take the three-credit hour undergraduate content methods course in the area in which they seek certification:
- ED 3150 Teaching Middle and Secondary School Mathematics
- ED 3250 Teaching Middle and Secondary School Science
- ED 3350 Teaching Middle and Secondary School Social Studies
- ED 3760 Teaching Middle and Secondary School English
- ED 3770 Teaching Foreign Language
- ED 3850 Teaching Secondary School Business Education

**Total: 3 Credit Hours**

Course Requirements:
- ED 6010 Foundations of Education* (3 credit hours)
- ED 6020 Fundamentals of Literacy Learning* (3 credit hours)
- ED 6030 Technology and Education* (3 credit hours)
- ED 6150 Field Experiences and Action Research (3 credit hours)
- ED 6400 Advanced Psychological Foundations (3 credit hours)
- ED 6450 Foundations of Special Education (3 credit hours)
- ED 6500 Curriculum, Methods, and Assessment in Middle and Secondary Education (3 credit hours)
- ED 7850 Graduate Student Teaching in the Secondary School (10 credit hours)
- ED 7900 Graduate Integrative Student Teaching Seminar: Classroom Planning, Management, and Assessment (4 credit hours)

**Total: 34-35 Graduate Credit Hours**

*Co-listed as a 4000-level undergraduate course. Students may apply up to eight credit hours of the following co-listed courses to the graduate degree: ED 4010/ED 6010, ED 4020/ED 6020, ED 4030/ED 6030. For graduate credit, these courses must be taken at the 6000-level, which requires that those students taking the course for graduate credit complete additional work at an accelerated level appropriate for graduate credit, and that the additional work required for graduate credit is reflected in the course syllabus. Courses taken at the 4000-level do not apply to the M.Ed. degree. For the M.Ed., the student must take the course at the 6000-level or take another graduate course in that domain of the M.Ed. core.

All courses must be completed with a letter grade of C or higher.

Rockhurst University meets the Missouri 168.400 requirement by allowing preservice teachers who have been employed for at least two years as a full-time teacher assistant to bypass student teaching. Instead, such students must take ED 7900, the Graduate Integrative Student Teaching Seminar: Classroom Planning, Management and Assessment (4 credit hours), as well as two additional elective courses (3 credit hours each) offered in the Rockhurst University Master of Education program to fulfill degree requirements.
The Professional Semester for Track One
(*Fall and Spring Semesters*)
The Professional Semester is comprised of a fourteen-week student teaching assignment (10 credit hours) and a 4 credit hour Integrative Student Teaching Seminar. Other final professional requirements for certification, including the electronic portfolio, are also met during the Professional Semester. A student must be formally admitted to a certification program of the Department of Education and must complete all general requirements for graduation and all professional education courses prior to enrolling in the Professional Semester.

In addition, the graduate student in Track One Elementary Education or Secondary Education certification must have successfully passed the Praxis II exam and achieved a cumulative GPA of 3.0 before enrolling in the Professional Semester. Those who have met these requirements must file a formal student teaching application, including submission of transcripts, resume and standard 12 of the electronic portfolio, and background check using Identix for the state of Missouri.

Track Two, Option A
M.Ed. with Emphasis in Literacy Studies
Track Two Option A emphasizes literacy studies in the contemporary world. Students in Option A participate in activities of the Literacy Center, housed on the main Rockhurst University campus, allowing students to immediately apply program content. Option A meets the needs of students who already hold teacher certification at the elementary, middle, or secondary level, and seek to deepen their understanding of literacy. Option A is especially designed for students seeking a serious study of the practical and theoretical implications of literacy in the contemporary world. Option A consists of a minimum of 33 graduate credit hours. This is not a certification program and students are given considerable latitude in selecting courses among the literacy offerings and other education electives to fulfill degree requirements.

Degree Requirements

Core: (15 credit hours)

Context and Purpose:
ED 6010  Foundations of Education* (3 credit hours) or
ED 6600  Integrated Education: Educational History, Culture and Research A
          (3 credit hours)

Technique and Artistry:
ED 6030  Technology and Education* (3 credit hours) or
ED 7710  The Teacher as Performer: Art and Technique in Classroom Practice
          (3 credit hours)

The Learner:
ED 6400  Advanced Psychological Foundations (3 credit hours) or
ED 6450  Foundations of Special Education (3 credit hours)
Literacy:
- ED 6020 Fundamentals of Literacy Learning* (3 credit hours) or
- ED 7730 Literacy and Critical Media Study (3 credit hours)

Research and Inquiry:
- ED 6150 Field Experiences and Action Research (3 credit hours) or
- ED 6650 Integrated Education: Educational History, Culture, and Research B (3 credit hours)

*Co-listed as a 4000-level undergraduate course. Students can apply up to eight credit hours of the following co-listed courses to the graduate degree: ED 4010/ED 6010, ED 4020/ED 6020, ED 4030/ED 6030. For graduate credit, these courses must be taken at the 6000-level, which requires that those students taking the course for graduate credit complete additional work at an accelerated level appropriate for graduate credit, and that the additional work required for graduate credit is reflected in the course syllabus. Courses taken at the 4000-level do not apply to the M.Ed. degree. For the M.Ed., the student must take the course at the 6000-level or take another graduate course in that domain of the M.Ed. core.

Required Literacy Courses: (9 credit hours)
- ED 6700 Methods of Diagnosis and Instruction for Remedial Reading (3 credit hours)
- ED 7720 Assessing Reading and Writing from Birth through Adult (3 credit hours)
- ED 7760 Literacy Practicum (3 credit hours)

Literacy Elective Courses: (6 credit hours)
Select two of the following courses:
- ED 6710 Teaching Literacy to the Reluctant, Struggling, and Learning Disabled Student (3 credit hours)
- ED 6720 Improving Comprehension: Developing Strategic Readers (3 credit hours)
- ED 7730 Literacy and Critical Media Study (3 credit hours)
- ED 7740 Exploring Literacy in the Bilingual Learner (3 credit hours)
- ED 7750 Family Involvement and the Development of Literacy (3 credit hours)

General Education Elective: (3 credit hours)
Students will choose from among any graduate-level course.

Total: 33 Graduate Credit Hours

Track Two Option B
M.Ed. in Literary Studies with Certification in Special Reading
Graduate students in Option B must have initial teacher certification. Option B prepares certified teachers to take leadership roles in educational settings to support literacy teaching. Special reading teachers must be prepared to work collaboratively with classroom teachers to meet the literacy needs of all students. In addition, special reading teachers are expected to take a leadership role in schools by demonstrating instructional techniques and supporting teachers as they work to respond to the needs of all students in developing literacy. Option B prepares Special Reading teachers with foundational knowledge about literacy, understanding and experience in assessment and instruction to support the needs
of all readers, and understanding of their roles as collaborator with classroom teachers and leaders who can provide professional development, coaching, and demonstration teaching for classroom teachers to promote thoughtful literacy development for all students. Students in Option B participate in activities of the Literacy Center, housed on the main Rockhurst University campus, allowing students to immediately apply program content. The program consists of 42 total credit hours.

**Degree Requirements**

**Core:** (18 credit hours)

**Context and Purpose:**
ED 6010 Foundations of Education* (3 credit hours) or
ED 6600 Integrated Education: Educational History, Culture and Research A (3 credit hours)

**Technique and Artistry:**
ED 6030 Technology and Education* (3 credit hours)

**The Learner:**
ED 6400 Advanced Psychological Foundations (3 credit hours) and
ED 6450 Foundations of Special Education (3 credit hours)

**Literacy:**
ED 6020 Fundamentals of Literacy Learning* (3 credit hours)

**Research and Inquiry:**
ED 6150 Field Experiences and Action Research (3 credit hours) or
ED 6650 Integrated Education: Educational History, Culture, and Research B (3 credit hours)

*Co-listed as a 4000-level undergraduate course. Students can apply up to eight credit hours of the following co-listed courses to the graduate degree: ED 4010/ED 6010, ED 4020/ED 6020, ED 4030/ED 6030. For graduate credit, these courses must be taken at the 6000-level, which requires that those students taking the course for graduate credit complete additional work at an accelerated level appropriate for graduate credit, and that the additional work required for graduate credit is reflected in the course syllabus. Courses taken at the 4000-level do not apply to the M.Ed. degree. For the M.Ed., the student must take the course at the 6000-level or take another graduate course in that domain of the M.Ed. core.

**Required Literacy Courses:** (24 credit hours)
ED 6700 Methods of Diagnosis and Instruction for Remedial Reading (3 credit hours)
ED 6710 Teaching Literacy to the Reluctant, Struggling and Learning Disabled Student (3 credit hours)
ED 6720 Improving Comprehension: Developing Strategic Readers (3 credit hours)
ED 7720 Assessing Reading and Writing from Birth through Adult (3 credit hours)
ED 7750  Family Involvement and the Development of Literacy (3 credit hours)
ED 7760  Literacy Practicum (3 credit hours)
ED 7761  Literacy Practicum/Special Reading/ESOL (3 credit hours)
ED 7770  Language Development and Acquisition (3 credit hours)

Total: 42 Graduate Credit Hours

Track Two Option C
M.Ed in Literacy Studies with Specialization in Teaching English for Speakers of Other Languages (ESOL)

and

Track Two Option D
M.Ed. in Literacy Studies with Certification in Teaching English for Speakers of Other Languages (ESOL)

The M.Ed. in Literacy Studies with specialization or certification in teaching ESOL (English to Speakers of Other Languages) serves the needs of the growing population of English language learners (ELLs) in the Greater Kansas City Metropolitan area.

Option C is designed for students who are not certified to teach in K-12 schools, but who wish to pursue a degree in literacy and ESOL. This degree is for students who are interested in teaching in community colleges, informal adult education settings, intensive English programs, and ESOL programs abroad. Those who are interested in pursuing careers as directors of intensive English programs may take additional electives. Option C consists of a minimum of 40 credit hours.

Graduate students in Option D must have initial teacher certification. Option D is offered to certified K-12 teachers who are interested in obtaining a graduate level degree along with an endorsement in ESOL. Option D students can complete the required courses in ESOL to gain an endorsement in ESOL at the graduate level in addition to their degrees and certification in secondary or elementary education. Option D consists of a minimum of 40 credit hours.

Students in Options C and D participate in activities of the Literacy Center, housed on the main Rockhurst University campus, allowing students to immediately apply program content.

Degree Requirements for Track Two Options C and D

Core: (15 credit hours)

Context and Purpose:
ED 6010  Foundations of Education* (3 credit hours) or
ED 6600  Integrated Education: Educational History, Culture and Research A (3 credit hours)

Technique and Artistry:
ED 6030  Technology and Education* (3 credit hours) or
ED 7710  The Teacher as Performer: Art and Technique in Classroom Practice (3 credit hours)
The Learner:
ED 6400 Advanced Psychological Foundations (3 credit hours) or
ED 6450 Foundations of Special Education (3 credit hours)

Literacy:
ED 6020 Fundamentals of Literacy Learning* (3 credit hours) or
ED 7730 Literacy and Critical Media Study (3 credit hours)

Research and Inquiry:
ED 6150 Field Experiences and Action Research (3 credit hours) or
ED 6650 Integrated Education: Educational History, Culture, and Research B (3 credit hours)

*Co-listed as a 4000-level undergraduate course. Students can apply up to eight credit hours of the following co-listed courses to the graduate degree: ED 4010/ED 6010, ED 4020/ED 6020, ED 4030/ED 6030. For graduate credit, these courses must be taken at the 6000-level, which requires that those students taking the course for graduate credit complete additional work at an accelerated level appropriate for graduate credit; and that the additional work required for graduate credit is reflected in the course syllabus. Courses taken at the 4000-level do not apply to the M.Ed. degree. For the M.Ed., the student must take the course at the 6000-level or take another graduate course in that domain of the M.Ed. core.

Required Literacy Courses: (9 credit hours)
ED 6700 Methods of Diagnosis and Instruction for Remedial Reading (3 credit hours)
ED 7720 Assessing Reading and Writing from Birth through Adult (3 credit hours)
ED 7761 Literacy Practicum Special Reading/ESOL (3 credit hours)

Required ESOL Specialization/Certification Courses: (10 credit hours)
ED 7740 Teaching English Language Learners: Methods and Languages (3 credit hours)
ED 7770 Language Development and Acquisition (3 credit hours)
ED 7780 The Nature of Language and Sociolinguistics (4 credit hours)

Education Elective Courses: (6 credit hours)
ED 6710 Teaching Literacy to the Reluctant, Struggling and Learning Disabled Student (3 credit hours) or
ED 6720 Improving Comprehension: Developing Strategic Readers (3 credit hours) or
ED 7750 Family Involvement and the Development of Literacy (3 credit hours) or
Any graduate-level Education course not previously used toward M.Ed. requirements.

Total: 40 Graduate Credit Hours
Course Descriptions

ED 6010 (ED 4010). Foundations of Education (3)
The purpose of this course is to highlight the interpretive, normative, and critical perspectives on education. Construing education broadly to include both school and non-school enterprises, the course aims to deepen students’ awareness of the social context and social implications of various educational activities. The course draws largely from the disciplinary lenses provided by the social sciences and the humanities, encouraging students to develop their critical capacities to examine, understand, and evaluate educational policies and practices. (This course also meets the required Foundations of Education course for students in the communication sciences and disorders program.) The graduate level course requires independent accelerated additional coursework appropriate for the graduate level. Certification course.

ED 6020 (ED 4020). Fundamentals of Literacy Learning (3)
This course examines the process of lifelong literacy from birth to adulthood. In-depth reading and writing instruction on strategies used by proficient readers are developed to help students gain success in their meaning-making ability and to become linguistically empowered. Diverse forms of literacy are investigated. An inquiry based approach to content areas focuses on using the four language cueing systems to transact meaning by reading, writing, speaking, listening, mediating, and viewing. This approach is presented within the context of how to build a community of literate learners in today’s society through a literature-rich reader’s and writer’s workshop. (This course also meets the required reading course for students in the communication sciences and disorders program.) The graduate level course requires independent accelerated additional work appropriate for the graduate level. Certification course.

ED 6030 (ED 4030). Technology and Education: Applications and Implications (3)
This course introduces students to the practical applications of computer technology in education. Students will develop proficiency with a wide range of software applications and examine and evaluate educational software programs. Emphasis is placed on the use of the Internet in the classroom. Students will also examine emerging information technologies that show promise in the field of education and explore how these technologies might be of assistance in meeting the needs of diverse learners. Students will examine the requirements for the pre-service electronic teacher education portfolio and use software programs to create the framework for their portfolio. The graduate level course requires independent accelerated additional work appropriate for the graduate level. Certification course.

ED 6150. Field Experiences and Action Research (3)
This course will engage students in an investigation of the culture of schooling and a critical examination of educational research. The purposes of the class include analysis of schooling through observation, interview, and qualitative study. Students will study how teachers organize classrooms, how they interact with students, how they strategize for student learning, how they make decisions, how they plan lessons and units, how they assess student learning, and how they augment their own knowledge through staff development and action research. Students in this course will also learn qualitative research methodologies, especially observation and interview techniques. A significant amount of time is spent in diverse school settings. Certification course.

ED 6302. The U.S. Constitution: An Institute for Secondary Teachers (3)
This course is offered only to teachers and students who attend Rockhurst University’s We the People… the Citizen and the Constitution Summer Institute on teaching and learning about the U.S. Constitution. Foundational constitutional principles and how to teach about them will be emphasized. Guest lecturers and constitutional scholars from other universities and experienced We the People… mentor teachers will be featured. Although the course includes sessions on interactive teaching methods, the focus of both the institute and course is on the principles and ideas at the core of the U.S. Constitution. The following themes will focus the lectures and discussions: 1) philosophical and historical foundations of the U.S. Constitution; 2) creation of the Constitution; 3) American institutions and practices; and 4) the protection of individual rights.

ED 6303. Connecting Theory and Practice: Implementing We the People… in the Classroom (3)
This course is designed to further develop the conceptual and pedagogical understandings that teachers acquire during their participation in a We the People… the Citizen and the Constitution (WTP) Summer Institute by applying those concepts to their teaching practices. As a primary requirement of the course, participation in the WTP program and its culminating activity, a simulated congressional hearing, must be documented. Development of lessons and activities on constitutional democracy in the United States will be stressed. Prerequisite: attendance at the WTP Summer Institute; per-
ED 6350. History and Philosophy of Science and Technology (3)
Students will examine the history and philosophy of the natural sciences and relate these topics to current issues and trends in science education. Topics include the goals of science, the goals and methods of science education, the nature of the scientific enterprise, the nature of scientific reasoning, the nature of warrants for scientific knowledge, the post-modern critique of science, responses to the post-modern perspective, the differences and similarities between science and technology, and the role of science and technology in contemporary society. Historical and contemporary examples will be used to illuminate many of the aspects of the course and significant attention will be paid to the examination of various positions within the historical development of philosophy of science.

ED 6400. Advanced Psychological Foundations (3)
An examination of contemporary theory, research, and practice on the nature and process of learning. The course explores the biological and cultural factors influencing the patterns of physical, emotional, social, cognitive and moral development in students from early childhood through adolescence. The application of this understanding to the classroom (especially as this understanding pertains to classroom management, assessment, and instructional design) is emphasized. Certification course.

ED 6450. Foundations of Special Education (3)
Provides an overview on the theoretical and practical issues facing special education. The course explores issues pertaining to learning disabilities and exceptionalities as they relate to students from the early childhood years through adolescence, and discusses the impact of a variety of exceptionalities upon learning and the learning environment. Topics include assessment, pedagogical intervention, legislation, curriculum, and technology as they apply to special education. Certification course.

ED 6500. Curriculum, Methods, and Assessment in Middle and Secondary Education (3)
This course will explore the intersection of theory and practice as it pertains to middle and secondary school classrooms. Specific topics of inquiry will include concept attainment, assessment, adolescent development and youth culture, classroom management, pedagogical techniques, content standards, and the nature of the disciplines as they apply to understanding the middle and secondary school experience. Certification course.

ED 6501. Curriculum, Methods, and Assessment in Grades 1-6 (4)
This course will explore the intersection of theory and practice as it pertains to elementary school classrooms. Specific topics will include curriculum development by exploring and practicing the varied approaches of teaching elementary school mathematics, science and health. There is an emphasis on the use of concrete learning aids and practical experience in local elementary school classrooms. Areas to be covered include objectives and evaluations of math, science, and health education, and learning theory.

ED 6502. Curriculum, Methods, and Assessment II (Teaching Language Arts, Social Studies and Children's Literature) (4)
This course will explore and analyze a variety of integrated approaches in theory and practice in the elementary school classroom to teaching reading, writing, speaking, listening and viewing through the integration of social studies. Students will develop a long-term curriculum plan that integrates language arts, social studies and children's literature. This course requires non-credit field placement experience that analyzes curriculum, assessment and classroom management in the elementary classroom for grades 1-6.

ED 6600. Integrated Education: Educational History, Culture, and Research A (3)
This course is a chronological course highlighting main currents and events in the history of American education as well as the historical relationships among education, culture, gender, and various cultural groups. Suggested groups include Native Americans, Euro-Americans, African-Americans, Hispanic Americans, and Asian Americans. A major emphasis of the course is on the role of culture in contemporary education. Suggested authors include Jerome Bruner and Young Pai and critical theorists such as Paulo Friere and Henry Giroux. Additional topics include multicultural education and cross-cultural global education.

ED 6650. Integrated Education: Educational History, Culture, and Research B (3)
This course focuses on educational research methodologies. This strand introduces teachers to the epistemological connections among the humanities, select social sciences, and qualitative educational research. Teachers are introduced to educational ethnography as a tool to understand student cultures and learn to do action research or practical inquiry. Through action research, teachers learn how to generate knowledge about their own curricula, teaching, and schools—knowledge which can be used to improve and reform teaching practice. As classroom researchers, teachers integrate...
Graduate students examine research on factors that influence reading and writing development, including cultural and linguistic diversity, and methods of assessing and reporting reading and writing development. Standardized and authentic assessments are evaluated and implications of testing practices are considered. Graduate students will evaluate literacy development of individuals and write reports that demonstrate their understanding of literacy development and the assessment instruments. Benchmarks for stages of literacy development from emergent literacy throughout school grades, and adult basic literacy will be discussed. Prerequisite: ED 6020.

**ED 7730. Literacy and Critical Media Study (3)**
Examines perspectives from social theory, communications, history, and philosophy for their relevance in teaching critical media literacy. Topics include the effects of the mass media on learning and other social behavior; the educational implications of an image culture; instructional approaches to media literacy for secondary, middle, and elementary students; the role of the mass media in shaping public perceptions about schooling, teachers, and school reform.

**ED 7740. Teaching English Language Learners: Methods and Languages (3)**
Course explores the theory and practice of teaching English language learners in elementary and secondary schools. Course introduces students to theories of second language acquisition and examines the implications of these theories on classroom practice. Other topics to be covered will be bilingualism, the development of materials and curricula for instruction, assessment, and the politics of language learning.

**ED 7750. Family Involvement and the Development of Literacy (3)**
With a general focus on the family as an important site of early literacy acquisition and development, educational strategies and resources will be explored to clarify the goals of reading and writing instruction. Teaching techniques to aid parents and children to create personal and shared literacy opportunities will be discussed.

**ED 7761. Literacy Practicum Special Reading/ESOL (3)**
This course will be oriented around supervised practicum experiences for Special Reading and ESOL at the early childhood, elementary, middle,
secondary, or adult level. Students in special reading will gain experience in assessing, remediating learners needing support in literacy development, and demonstrate competency in student management. Students in ESOL will gain on-site experience through working with and demonstrating competency in teaching English language learners (ELL’s). These experiences include observations, research projects, one-on-one small-group tutoring and teaching. Students participating in the ESOL program will work with ELL’s in K-12 schools in regular, sheltered, and pull-out settings. Students pursuing Option C may observe adults in intensive English as well as informal adult education classes. In addition to a student portfolio, students will be required to conduct and action research project as a capstone project.

**ED 7770. Language Development and Acquisition** (3)
This course will consist of an exploration of theories of language development. It will involve examining the theories of, and issues in first and second language acquisition, cross-cultural language development and literacy development.

**ED 7780. The Nature of Language and Sociolinguistics** (4)
This course will consist of an introduction to linguistics and sociolinguistics. It will therefore examine the nature, structure and applications of language. This will include linguistic analysis in phonetics, phonology, morphology, syntax and semantics. The course will also examine the relationship between language and human behavior, the cultural differences and impact of the social and cultural context of language use. Furthermore, the course will examine how applied linguistics can be used for language teachers to come to an understanding of the processes of learning and teaching a language.

**ED 7800. Graduate Student Teaching in the Elementary School** (10)
Students serve as interns in local schools and work closely with cooperating teachers to experience firsthand responsibility for planning and implementing instruction in the primary and intermediate elementary classroom. All content area and general education requirements must be met before student teaching. This course is part of the Professional Semester. Certification course. Fee.

**ED 7850. Graduate Student Teaching in the Secondary School** (10)
Students serve as interns in local schools and work closely with cooperating teachers to experience firsthand responsibility for planning and implementing instruction in their major content fields. All content area and general education requirements and the Praxis II exam must be completed before student teaching. This course is part of the Professional Semester. Certification course. Fee.

**ED 7900. Graduate Integrative Student Teaching Seminar: Classroom Planning, Management, and Assessment** (4)
This graduate course is taken in conjunction with the student teaching experience. A range of problems encountered by teachers (e.g., classroom management, planning issues, professional ethics, etc.) is explored in a seminar setting. The portfolio is submitted, presented, and evaluated during this course. This course is part of the Professional Semester. Certification course.

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**DEPARTMENT OF OCCUPATIONAL THERAPY (OT)**

**Professor** Jane P. Rues, Ed.D., OTR, FAOTA

**Associate Professor** Robin E. Bowen, Ed.D., OTR, FAOTA

**Assistant Professor** Kris Vacek, OTD, OTR/L (Chair)

**Instructor/Academic Clinical Coordinator** Janis Davis, Ph.D., OTR

**Instructor/Academic Clinical Coordinator** Kristina Ursick, OTD, OTR/L

**Instructor/Academic Clinical Coordinator** Liz Zayat, OTR/L

Occupational therapy is a health care profession that uses occupation or purposeful activity to help people with physical, developmental, or emotional disabilities lead independent, productive, and satisfying lives. Today’s therapists work in a variety of settings including clinical practice, administration, education, research, and private practice.
The Rockhurst University Occupational Therapy Education Program (OT Program) combines a strong foundation in the liberal arts and sciences with a professional master's curriculum to prepare students to perform the services of occupational therapists and to function as competent members of the health care team.

An interdisciplinary perspective strengthens and broadens the study of factors that impact occupational performance across the lifespan. Optimum function and productivity in occupational roles of work, play, leisure and self-care are enhanced through an emphasis on critical thinking, problem solving and ethics. These themes, integrated throughout the curriculum, culminate in the student's ability to clinically reason in a complex, changing health care system.

The OT Program will prepare competent, reflective practitioners who are able to evaluate, treat and provide consultation to persons whose abilities to cope with the tasks of daily living are threatened or impaired by developmental deficits, the problems of aging, physical illness or injury, or psychological and social performance deficits. Since the primary focus of occupational therapy is the development of adaptive skills and performance capacity, emphasis is on factors that promote, influence, or enhance performance.

The OT Program is accredited by the Accreditation Council for Occupational Therapy Education of the American Occupational Therapy Association, located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220; (301) 897-1600. Graduates of the Program will be able to sit for the National Certification Examination for the Occupational Therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). Most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. When you apply to take the certification examination with NBCOT, you will be asked to answer questions related to the topic of felonies. For further information, you can contact NBCOT at 800 South Frederick Avenue, Suite 200, Gaithersburg, MD 20877-4150, (301) 990-7979.

**Admission to the Program**

The OT Program accommodates and encourages multiple points of entry. For the Rockhurst student, these include freshman pre-admission, OT Scholars, and entry during the final year of undergraduate coursework. Opportunities also exist for transfer and post baccalaureate students.

Exceptional students may be awarded a freshman pre-admission guarantee based on a combination of ACT or SAT scores, high school grades and class rank, letters of recommendation, and a personal interview with a member of the Occupational Therapy Admissions Committee.

Rockhurst students with outstanding academic work may apply for advanced admission status through the Occupational Therapy Scholars Program. OT Scholars must have a science and cumulative grade point average of 3.4 at the time of application at the end of the sophomore year.

Students transferring to Rockhurst and the student with a completed baccalaureate degree are encouraged to apply upon completion of the majority of their prerequisite coursework.

The Rockhurst OT Program is designed as an entry level master's degree program with two sequences available: the Rockhurst undergraduate to graduate sequence (five-year degree) and the graduate sequence (two-year degree). Full or part time sequences are available to all students enrolled in the Program. The master's curriculum, including field-
work, takes approximately two academic years to complete, including summer classes. Applications may be obtained by writing, phoning, emailing, or from our website.

Office of Graduate Admission
Rockhurst University
1100 Rockhurst Road
Kansas City, MO 64110-2561
(816) 501-4100 or 501-4097
1-800-842-6776
graduate.admission@rockhurst.edu
www.rockhurst.edu

Questions regarding the OT Program may be directed to the Occupational Therapy program:

Telephone: (816) 501-4059
Email: occupational.therapy@rockhurst.edu

Requirements for Admission
Enrollment is limited, and meeting the minimal requirements does not guarantee admission into the Occupational Therapy Education Program. Admission is based on academic and personal qualifications considered necessary for successful, competent practice as an occupational therapist.

◆ Ability to complete a Rockhurst baccalaureate degree concurrent with enrollment in the first year of the OT Program OR have completed a baccalaureate degree at an accredited college in a discipline other than occupational therapy.
◆ Complete prerequisite courses (see below).
◆ Complete all materials in the application packet for admission into the OT Program.
◆ Participate in a personal interview.
◆ TOEFL scores of at least 550 must be submitted by international students whose first language is not English.
◆ Candidates are evaluated based on overall achievements; however, grade point average is valued in the application process. The Occupational Therapy Education Department recommends a minimum grade point average of a 3.0 in prerequisite courses.

Prerequisite Courses: (numbers reflect semester credit hours)

<table>
<thead>
<tr>
<th>Basic Foundations</th>
<th>Humanities</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Comp</td>
<td>Ethics</td>
</tr>
<tr>
<td>(6)</td>
<td>(3)</td>
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<tr>
<td>Foundations of Communication (3)</td>
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</tr>
<tr>
<td>Statistics</td>
<td></td>
</tr>
<tr>
<td>(3)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Behavioral, Social and Natural Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abnormal Psychology (3)</td>
</tr>
<tr>
<td>General Biology w/Lab (4)</td>
</tr>
<tr>
<td>General Chemistry w/Lab (4)</td>
</tr>
<tr>
<td>Anatomy w/Lab (4)</td>
</tr>
</tbody>
</table>

(Vertebrate Anatomy is strongly recommended for successful completion of the Occupational Therapy program.)
Applicant Check List

- Graduate Application for Admission to the School of Graduate and Professional Studies.
- $25.00 (check or money order) non-refundable application fee payable to Rockhurst University. (No application fee if applying by web.)
- Present and Proposed Schedule (Form A).
- Three recommendations (Form B).
  It is recommended that former instructors, or other individuals knowledgeable about the candidate's academic abilities, problem-solving skills and goal-directed behavior, serve as professional references.
- Two observations (Form C).
  Documentation of 16 hours of observation in at least two different OT clinics. Observations should be completed within the year prior to application.
- Typed essay (Form D).
- Two official transcripts from each college or university previously attended. Courses recorded on one transcript as transfer credit from another institution are not considered official documentation of that coursework. Therefore, two official transcripts must be sent from every institution of higher education you have attended directly to the Office of Graduate Admission. Requests for official transcripts are made through the registrar's office at each college or university.
- Mail all materials to: Office of Graduate Admission, Rockhurst University, 1100 Rockhurst Road, Kansas City, MO 64110-2561.

Rolling Admissions
The Rockhurst University OT Program utilizes a rolling admissions process; i.e., qualified applicants are accepted until the class is filled. Applications are reviewed based on the admissions requirements detailed in the application packet. If the applicant meets the general requirements, they will be scheduled for an interview within two weeks of receipt of the complete application packet. Applicants will be notified within two weeks following the interview regarding admission status.

Promotion in the Program
To progress toward the Master of Occupational Therapy degree, a student must:

1. Complete the baccalaureate degree prior to entry into the second year of the OT Program (i.e., undergraduate to graduate sequence.) This criterion applies to students obtaining a baccalaureate degree from Rockhurst. All other applicants must complete the baccalaureate degree prior to enrolling in the OT Program.
2. Complete all prerequisite courses prior to entry into the second year of the OT Program. English, Fundamentals of Communication, Biology, and Anatomy & Physiology must be completed before beginning the program; Abnormal Psychology, Developmental Psychology, and Ethics must be completed before Fall, Year One; Statistics and Physics must be completed before Spring, Year One; Chemistry must be completed before Summer, Year Two.
3. Maintain a 3.0 semester and cumulative grade-point average for all OT Program courses. All courses in the OT Program curriculum must be completed with at least a grade of C, including passing grades on all fieldwork experiences. Any
Occupational Therapy Education Program

Full-time Curriculum

Year 1 Summer
OT 5110 Medical Conditions I (1)
OT 5160 Health through Occupation I (2)
OT 5170 Research: Evidence Based Practice (2)
OT 5180 Occupational Performance: Education, Health and Wellness (2)
Total hours: 7

Year 1 Fall
BL 5400 Gross Anatomy (4)
BL 5401 Gross Anatomy Lab (1)
OT 5270 Occupational Performance: Screening and Evaluation (1)
OT 5430 Psychosocial Performance: Theory and Practice (4)
OT 5440 Occupational Intervention I: Psychosocial Performance (2)
OT 5450 Fieldwork I: Impact of a Disability (1)
OT 5660 Research: Design and Analysis (3)
Total hours: 16

Year 1 Spring
OT 5240 Fieldwork I: Evidence Based Practice (1)*
OT 5260 Research: Proposal Development (1)
OT 5460 Medical Conditions II (3)
OT 5600 Structural and Applied Kinesiology (3)
OT 5650 Movement Lab (1)
OT 5780 Occupations Across the Lifespan (3)
OT 5790 Health Through Occupation II (2)
Total hours: 14

grade below a C results in dismissal from the OT Program.
4. Consistently demonstrate professional behavior when interacting with faculty, staff, students, and clients/patients. These behaviors reflect the capacity to deliver a high standard of health service and are as important as traditional academic standards in determining criteria for promotion and continuation in the OT Program.
5. Comply with all requirements for fieldwork placement. These requirements will include at least one background check, to be completed in the Fall, Year One. Additional requirements may include a drug screen, CPR certification, TB testing, and proof of immunizations.

Graduation
The Master of Occupational Therapy degree requires a cumulative grade point average of 3.0 or greater to graduate. All degree requirements must be completed within 48 months for full-time students and 60 months for part-time students from the beginning of the first semester in which a student is enrolled. The Level II Fieldwork must be completed within 24 months after completion of academic preparation. The Occupational Therapy Education Program Student Handbook contains additional supplementary information about the OT Program.
Year 2 Summer
OT 6000  Neuroscience (4)
OT 6320  Neuromanagement (4)
OT 6350  Occupational Intervention II: Neuromanagement (2)
Total hours: 10

Year 2 Fall
OT 6400  Fieldwork I: Evaluation, Intervention and Outcomes (1)*
OT 6410  Pediatrics and Developmental Disabilities (4)
OT 6420  Occupational Intervention III: Pediatrics and Developmental Disabilities (2)
OT 6450  Leadership for Health Services (2)
OT 6510  Research: Synthesis and Dissemination (1)
OT 6560  Musculoskeletal Assessment and Intervention (4)
OT 6565  Occupational Intervention IV: Musculoskeletal (2)
Total hours: 16

Year 2 Spring
OT 6970  Fieldwork II (6)*
OT 6971  Fieldwork II (6)*
OT 6972  Fieldwork II (4-6)**
Total hours: 12-18

Total program hours: 75-81

* = Clinical Rotations
** = Optional

The Department of Occupational Therapy Education offers a part-time sequence for those who wish to complete the program in three years. Various part-time options are available. Please contact the Department of Occupational Therapy Education for specific information.

Course Descriptions

BL 5400. Gross Anatomy (4)
An integrated regional approach to the study of the structure and function of the human body, with emphasis on the musculoskeletal and peripheral nervous system. The study of the fundamental tissues, organs, and other systems of the body cavities is also included. Prerequisite: acceptance into occupational therapy education or physical therapy education program. Corequisite: BL 5401.

BL 5401. Gross Anatomy Lab (1)
Meets twice a week. Reinforces concepts from lecture through prosected material, bony specimen, radiographs, and palpation of living subjects and supervised dissection of human cadavers. Lab fee. Corequisite: BL 5400.

OT 5110. Medical Conditions I (1)
This is the first in a two-course sequence that introduces the student to general concepts of human pathology and models of disease with primary emphasis placed on ICF classifications, medical terminology, universal precautions, psychological, diabetic, and cancerous diseases. Course content includes the etiology, signs, and symptoms, clinical course, prognosis, medical testing, and medical/surgical management of selected conditions.

OT 5160. Health Through Occupation I (2)
The historical foundations of occupational therapy as they relate to the theories that underlie practice are examined. The basic constructs of relevant occupations and purposeful activity are analyzed within a person/environment/performance framework. The roles and responsibilities of occupational therapists and other health care team members are discussed along with an introduction to documentation. Future directions of the profession are
Theoretical frames of reference and practice models are introduced. Students will be introduced to techniques utilized to screen and assess the client. Screening and evaluation skills of the contemporary occupational therapist are the focus of this course. Corequisite: OT 5440.

OT 5440. Occupational Intervention I: Psychosocial Performance (2)
This laboratory course, offered in conjunction with OT 5430, introduces therapeutic approaches to psychosocial performance, including purposeful activity, human performance, and adaptation. The student learns assessment and intervention strategies utilized by occupational therapists with a variety of consumer populations and settings. Therapeutic use of self, dyadic, and group interaction are critical components of this lab experience. Lab fee. Corequisite: OT 5430.

OT 5450. Fieldwork I: Impact of a Disability (1)
This course is part of a series of Level I fieldwork experiences offered. These experiences enable the student to further develop knowledge, skills, and attitudes in preparation for professional occupational therapy roles. Students are required to observe more complex issues of occupation and occupational therapy practice as the student progresses through these fieldwork experiences. A seminar experience allows the student with the opportunity to discuss and reflect on personal, social and professional issues. Emphasis: Impact of a disability. Fee. Pass/No Pass.

OT 5460. Medical Conditions II (3)
This is the second in a two-course sequence that introduces the student to concepts of human pathology, physiology, and models of disease with primary emphasis placed on musculoskeletal, neurological, cardiac, pulmonary, hematological, visual, gastrointestinal, and autoimmune dysfunctions or diseases. Course content includes the etiology, signs, and symptoms, clinical course, prognosis, medical testing, and medical/surgical management of selected conditions.

OT 5600. Structural and Applied Kinesiology (3)
This course is designed to study movement of the human body. Biomechanical principles are studied. Relationships between bones, nerves and muscles to normal and abnormal movement, posture and gait are discussed. Problem solving and group presentations allow the opportunity to practice applications of these principles. Corequisite: OT 5650.

OT 5650. Movement Lab (1)
This course introduces the student to screening tools used to determine the needs for occupational therapy intervention. Competence in the procedures and protocols necessary for palpation, goniometry, manual muscle testing, and posture are presented.
OT 5660. Research: Design and Analysis (3)
This course is the second in a four-course sequence designed to introduce the student to clinical research, the systematic investigations performed on human subjects which are related to the principles and practices of a clinical profession. The principles of design and analysis form the context for the examination and integration of scientific knowledge with clinical practice. Lecture and laboratory activities are integrated to provide students with the opportunity to apply concepts from lecture to clinical issues.

OT 5780. Occupations Across the Lifespan (3)
Human development across the lifespan is considered from an occupational perspective. The impact of culture on performance in areas of occupations is addressed looking at performance skills and patterns during the developmental process. Typical changes in body functions and structures are presented contextually considering activity demands, role competence, health and prevention, and quality of life during occupational performance.

OT 5790. Health Through Occupation II (2)
This course employs a case-based format to foster critical thinking, problem identification, and clinical reasoning to facilitate the development of client-centered reasoning. The contribution of occupational therapy to healthy functioning or restoration of functioning is articulated using the Occupational Therapy Framework: Domain and Process.

OT 6000 (PT 7120). Neuroscience (4)
This course is designed to introduce basic and applied neurological principles. Topics to be covered include terminology and neuroanatomical relationships, cellular neurophysiology, structure and function of the central, peripheral, and autonomic nervous systems and their ability to respond to environmental demands. The student will evaluate human behavior and performance in relation to function and dysfunction of the nervous system.

OT 6320. Neuromanagement: Theory and Practice (4)
This class incorporates theories and conceptual models of assessment and intervention of clients with neurological deficits who have impairments with occupational performance. Theories of neurological rehabilitation, motor control, and motor learning are discussed as they relate to a variety of clients with neurological dysfunction. Specific assessment and intervention strategies to improve occupational performance are explored. Corequisite: OT 6350.

OT 6350. Occupational Intervention II: Neuromanagement (2)
This laboratory course, offered in conjunction with OT 6320, provides therapeutic approaches to purposeful activity, human performance, and adaptation. It provides the student experience with assessment and intervention strategies commonly used by occupational therapists in the treatment of individuals with neurological and occupational performance deficits. Lab fee. Corequisite: OT 6320.

OT 6400. Fieldwork I: Evaluation, Intervention, and Outcomes (1)
This course is part of a series of Level I fieldwork experiences offered. These experiences enable the student to further develop knowledge, skills, and attitudes in preparation for professional occupational therapy roles. As the student progresses through these fieldwork experiences, they are required to observe more complex issues of occupational and occupational therapy practice. A seminar experience allows the student with the opportunity to discuss and reflect on personal, social and professional issues. Emphasis: Evaluation, intervention, and outcomes. Pass/No Pass.

OT 6410. Pediatrics and Developmental Disabilities (4)
This course covers etiology, development, management and prognosis for prevalent developmental and educational conditions and the effect of these conditions on occupational performance from infancy through adolescence. The changing roles and responsibilities of the occupational therapist are stressed in the various contexts where children receive services. Theories and frames of reference critical to intervention are addressed from a family and client centered perspective. Corequisite: OT 6420.

OT 6420. Occupational Intervention III: Pediatrics and Developmental Disabilities (2)
This laboratory course, offered in conjunction with OT 6410, provides instruction in occupational interventions used with infants, children and adolescents in different contexts. Assessment and intervention pertinent to pediatric theories and frames of reference are addressed. The concept of collaborative teaming is utilized to assess and develop occupational interventions for a variety of pediatric case studies. Lab fee. Corequisite: OT 6410.

OT 6450. Leadership for Health Services (2)
This course addresses occupational therapy’s role in today’s health care environment. Topics covered include: healthcare management/administration, professional development, and leadership skill development. This course will assist students in developing the leadership skills necessary for innovative practice in a variety of systems and service models.
OT 6510. Research: Synthesis and Dissemination (1)
This course is the last in a four-course clinical research sequence, the systematic investigations performed on human subjects which are related to the principles and practices of a clinical profession. Students will analyze and synthesize the data generated from their clinical study. A formal presentation of this project is the final step in the academic portion of the professional master’s program.

OT 6560. Musculoskeletal Assessment and Intervention (4)
This class incorporates theories and conceptual models of assessment and intervention of clients with musculoskeletal deficits who have impairments with occupational performance. Theories of musculoskeletal rehabilitation, cardiac rehabilitation, industrial rehabilitation, positioning, and prosthetics and orthotics are discussed as they relate to a variety of clients with musculoskeletal dysfunction. Specific assessment and intervention strategies to improve occupational performance are explored. Corequisite: OT 6565.

OT 6565. Occupational Intervention IV: Musculoskeletal (2)
This laboratory course, offered in conjunction with OT 6560, provides therapeutic approaches to purposeful activity, human performance, and adaptation. It provides the student experience with assessment and intervention strategies commonly used by occupational therapists in the treatment of individuals with musculoskeletal and occupational performance deficits. Lab fee. Corequisite: OT 6560.

OT 6970. Fieldwork II (6)
Fieldwork assignments are arranged internships under direct supervision of a registered occupational therapist. Level II Fieldwork is designed to promote clinical reasoning and reflective practice, to transmit the values and beliefs that enable the application of ethics related to the profession, to communicate and model professionalism as a developmental process and a career responsibility, and to develop and expand a repertoire of occupational therapy assessments and treatment interventions related to human performance. (Pass/No Pass)

OT 6971. Fieldwork II (6)
This is the second fieldwork experience. See OT 6970. (Pass/No Pass)

OT 6972. Fieldwork II (4-6)
Fieldwork assignments are arranged internships under direct supervision of a registered occupational therapist. Level II Fieldwork is designed to promote clinical reasoning and reflective practice, to transmit the values and beliefs that enable the application of ethics related to the profession, to communicate and model professionalism as a developmental process and a career responsibility, and to develop and expand a repertoire of occupational therapy assessments and treatment interventions related to human performance. This is a third optional fieldwork experience offered. Students may choose to spend either 8 or 12 weeks in this internship. Pass/No Pass.

The Rockhurst University Department of Physical Therapy Education is committed to the development of highly qualified physical therapists. The primary focus is on the preparation of students to provide prevention, education, examination, and intervention to per-
sons whose abilities are threatened or impaired by developmental deficits, aging, physical illness, or injury. Graduates of the program are able to examine and evaluate, arrive at a physical therapy diagnosis and prognosis, and provide interventions and risk reduction strategies. As critical consumers of the professional literature, graduates are able to apply the results of research to patient care. Emphasizing and integrating critical thinking, problem solving, and ethics throughout the curriculum, the Rockhurst physical therapy program culminates in the student's ability to clinically reason in a complex and changing health care environment. The program is designed for the person with an undergraduate degree in a field other than physical therapy.

Rockhurst's physical therapy program is distinctive for its Jesuit liberal arts perspective, close faculty-student interactions, and interdisciplinary collaboration. Students work together with faculty on research projects, have access to state-of-the-art technology, and are given opportunities for clinical experiences at sites located across the country. Graduate and research assistantships are available, and provide opportunities for students to work one-on-one with faculty mentors. Collaborative service projects enable faculty, students, and other members of the Rockhurst community to team with community and international agencies, fulfilling the institution's mission of providing leadership in service to others.

The physical therapy program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 N. Fairfax St., Alexandria, VA, 22314-1488. Graduates are eligible to sit for the licensure examination in the state in which they plan to practice.

**Admission to the Program**

The professional course work leading to the Doctor of Physical Therapy degree is completed over three full-time years of study. Admission to the University and/or meeting the minimum stated requirements does not guarantee admission to the program.

The physical therapy program accommodates multiple points of entry for undergraduate students. For the Rockhurst student, these include Freshman Pre-Admission, Physical Therapy Scholars, and entry during the final year of undergraduate coursework. Opportunities also exist for the transfer and post-baccalaureate student.

Exceptional students may be given a Freshman Pre-Admission Guarantee into the professional program. These positions are awarded on a competitive basis, based on a combination of ACT or SAT scores, high school grades and class rank. Students receiving a pre-admission guarantee must maintain specified academic standards in order to matriculate into the program.

Rockhurst students with outstanding academic work but who do not have a pre-admit guarantee may apply for advanced admission status under the Physical Therapy Scholars Program at the beginning of the spring semester of their junior year. Such students must demonstrate a 3.4 grade point average in both their science and cumulative university course work, satisfactorily complete an interview, and must demonstrate the ability to complete their baccalaureate degree by the end of their senior (fourth) year. Meeting the minimum requirements for early application under the PT Scholars Program does not guarantee early admission into the program.

Rockhurst undergraduate students may apply beginning in the summer prior to their senior year. Undergraduate students at other institutions can apply during the Fall semester of their senior year to enter the program following completion of their degree from an accredited college or university.
Exceptional students who transfer to Rockhurst to complete an undergraduate degree may be considered for a Transfer Pre-Admission Guarantee into the graduate program at the time of transfer. Such students must demonstrate a minimum of a 3.5 grade point average on a 4.0 scale at the time of transfer, demonstrate behavior consistent with the physical therapy profession, maintain a 3.4 cumulative grade point average on a 4.0 scale each semester, and demonstrate a 3.4 science AND 3.4 cumulative grade point average at the end of the Fall semester prior to beginning the physical therapy program.

Post-baccalaureate students are considered for entry into the program on a competitive basis. Applications may be submitted beginning in the Summer semester prior to the anticipated starting date. For students with a prior undergraduate degree from an accredited institution, the professional doctoral degree program is completed in three years.

Enrollment is limited and early application is encouraged. Meeting minimum requirements does not guarantee admission to the professional program. Applications for the graduate program can be obtained through the Rockhurst University web site, www.rockhurst.edu, or by writing:

Office of Graduate Admission
Rockhurst University
1100 Rockhurst Road
Kansas City, MO 64110-2561
(816) 501-4100 or 501-4097
1-800-842-6776
graduate.admission@rockhurst.edu
www.rockhurst.edu

Requirements for Admission
Applicants for the doctoral degree in physical therapy must show evidence of the following in order to be considered for admission:

- Completion of a bachelor’s degree at an accredited institution in a discipline other than physical therapy with a minimum cumulative AND science GPA of 3.0 recommended.
- Completion of three recommendation forms.
- Basic computer competence.
- Personal interview with members of the Physical Therapy Admissions Committee may be required.
- Completion of ALL designated prerequisite courses by the end of the Spring semester prior to beginning the professional curriculum as listed below:
  - Basic Proficiencies: English Composition I & II (EN 1110 and 1120), Fundamentals of Communication (CT 2000). Interpersonal Communication is strongly recommended.
  - Behavioral Sciences: Developmental Psychology (PY 3400); Abnormal Behavior (PY 3550) recommended.
  - Humanities: Ethics (PL 3100).
  - Natural Sciences: General Biology I (BL 1250/1251), Comparative Vertebrate Anatomy (BL 3400/3401), General Physiology (BL 3700/3701), General Chemistry I & II (CH 2610 and CH 2630), Introductory Physics I & II (PH 1700/1710 and PH 1750/1760), and Statistics (PY 2100 or BI 2200 or BUS 2200). Embryology and Histology are strongly recommended.
NOTE: The above course numbers should assist both Rockhurst and transfer students in locating prerequisite course descriptions.

Requirements may be subject to change without notice. Therefore, it is important that all prospective applicants contact the Department of Physical Therapy Education on a regular basis.

Promotion in the Program
To progress toward the Doctor of Physical Therapy degree, students must:

1. Maintain a 3.0 semester AND cumulative GPA for all courses within the professional curriculum. All courses in the professional curriculum must be completed with at least a grade of C. Any grade below a C, or more than two C’s in professional, didactic course work results in dismissal from the program.
2. Complete prior DPT curriculum or obtain consent of instructor.
3. Complete a minimum of one elective course. Requirements concerning elective course work are described in detail in the Physical Therapy Student Handbook.
4. Pass three comprehensive examinations at the specified competency level; one each prior to matriculation to the second and third years of professional study, and one prior to graduation.
5. Consistently demonstrate professional behavior when interacting with faculty, students, and consumers. These behaviors reflect the capacity to deliver a high standard of health service and are as important as traditional academic standards in determining criteria for promotion and continuation in the program. Professional behaviors are described in detail in the Physical Therapy Student Handbook.

Decelerated Option
The Physical Therapy Education Program at Rockhurst University acknowledges the need for some students to complete their doctoral degree education in greater than three years, as would be the case for students due to unforeseen or unusual circumstances. Students choosing the Decelerated Option must take no longer than four years rather than three, to complete their doctoral degree. Students choosing the Decelerated Option are required to meet the same graduation requirements as students completing the three-year sequence.

Graduation
The Doctor of Physical Therapy degree requires a cumulative quality grade point average of 3.0 or greater to graduate. The Physical Therapy Student Handbook contains additional supplementary information about the program.

Physical Therapy
DPT Curriculum

Year 1
Summer
PT 6004 Clinical Pathophysiology 2
PT 6006 Health Promotion 2
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>PT 6008</td>
<td>Medical Diagnostics</td>
<td>2</td>
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**Year 1**

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<td>PT 6104</td>
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<td>PT 6122</td>
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<td>PT 6300</td>
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**Year 2**

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PT 7810  Reflective Practice I .5
PT 7835  Professional Development III 2
PT 7972  Clinical Education II 1
Total Hours: 17.5

Year 2
Spring
PT 7300  Clinical Procedures II 2
PT 7302  Clinical Procedures II Lab 1
PT 7322  PT Mgmt of MS Cond III 1
PT 7324  PT Mgmt of MS Cond III Lab 1.5
PT 7336  PT Mgmt of Neuro Cond II 3
PT 7338  PT Mgmt of Neuro Cond II Lab 1
PT 7342  PT Mgmt of Ped Cond 2
PT 7344  PT Mgmt of Ped Cond Lab 1
PT 7431  Clinical Decision Making III .5
PT 7505  Research V 1
PT 7510  Health Care Management 2
Total Hours: 16

Year 3
Summer
PT 8820  Reflective Practice II 1.5
PT 8973  Clinical Education III 3
Total Hours: 4.5

Year 3
Fall
PT 8830  Reflective Practice III 3
PT 8974  Clinical Education IV 3
PT 8975  Clinical Education V 3
Total Hours: 9

Year 3
Spring
Block A:
PT 8840  Reflective Practice IV 1
PT 8976  Clinical Education VI 2
Block B:
PT 8441  Clinical Decision Making IV 2
PT 8520  Concepts & Practice Admin 2
PT 8845  Professional Development IV 2
Elective(s) 1-2
Total Hours: 10-11

Program Total Hours: 108.5-109.5
Course Descriptions

PT 6004. Clinical Pathophysiology (2)
This course provides the foundation for understanding pathological processes related to mechanisms of disease. Topics include tissue adaptation and injury, genetic control of cell function, alterations in cell growth and replication, as well as alterations in fluids, electrolytes, and acid-base balance. Additional concepts of altered health states include mechanisms of self-defense, such as the immune response, inflammatory response, and stress response. Pathophysiological processes are linked to examples of clinical manifestations and are presented in case studies representing populations at risk for disease. These pathological processes will be related to tissue injury and tissue healing, including tissue repair, modeling, and regeneration.

PT 6006. Health Promotion (2)
This course explores the concepts of health, fitness, and wellness as they relate to quality of life issues across the lifespan and the role of physical therapy in health promotion, prevention, and protection. Students are exposed to a variety of unique learning opportunities, including community-based service learning, for identifying health needs of target populations, and developing health-related resources to meet these needs.

PT 6008. Medical Diagnostics (2)
This course is designed to provide introductory information regarding the medical tests and procedures used to identify pathology and impairment. Methods of imaging the body, such as X-ray, MRI, CT Scan, and Doppler ultrasound will be presented. The content will provide a foundation for interpretation of pathology in the physical therapy management courses.

PT 6100 (BL 5400). Anatomy (4)
This course presents an integrated regional approach to the study of the structure and function of the human body with emphasis on the musculoskeletal and peripheral nervous system. The study of the fundamental tissues, organs, and other systems of the body cavities is also included. Corequisite: PT 6102.

PT 6102 (BL 5401). Anatomy Laboratory (1)
This laboratory course is taught concurrently with the Anatomy lecture to provide application of the study of the structures and function of the human body to protected material, bony specimen, radiographs, and palpation of living subjects. Supervised dissection of human cadavers. Lab fee. Corequisite: PT 6100.

PT 6104. Pharmacology (1)
This course introduces the basic principles of pharmacology, including pharmacokinetics (the process of absorption, distribution, localization in tissues, biotransformation and excretion) and pharmacotherapeutics (management of disease with medicines). Key concepts of drug administration, dose-response relationships, drug interactions, pharmacodynamics (the magnitude and time course of observed pharmacological effects), and other factors influencing the effectiveness of medications will be discussed. Using appropriate resources (i.e., Physician’s Desk Reference and current research), students will learn to distinguish the various classes of drugs as well as understand both practical and theoretical implications of drug use for various populations, as presented in case studies.

PT 6112. Exercise Physiology (3)
This course is designed to study the effects of exercise on human physiological parameters as well as discussion regarding exercise prescription. Topics to be discussed include skeletal muscle mechanisms, energy metabolism, blood and gas transport, cardiovascular dynamics, nutrition, and environmental effects of exercise. Corequisite: PT 6114.

PT 6114. Exercise Physiology Laboratory (1)
This course is designed to give the student practice in applying the concepts discussed in lecture. Students will perform tests and procedures to evaluate strength, endurance, and flexibility, and design exercise programs for the apparently healthy child, adult, and aged population. Lab fee. Corequisite: PT 6112.

PT 6116. Biomechanics/Kinesiology (3)
This course is designed to study the biomechanical and kinesiological principles underlying individual joint movement and the interaction of these joints to perform functional activities. It will help students to understand: 1) the basic principles of mechanics, engineering and physics, and the conceptual basis of function of the musculoskeletal system; 2) the structural and functional features of major joints of the human body; and 3) the introductory experimental methods that quantify motor function. The course will begin with an introduction to terminology and biomechanical concepts. These concepts will then be applied in discussing the biomechanics of the various joints. This biomechanical information as well as information obtained in PT 6100 and PT 6102 will be utilized to study how muscles work individually and/or together to provide joint movement and how the joints work together to perform functional activities. The principles of physics and engineering will be used to analyze normal and abnormal forces affecting joints and muscles during static tasks. Application of course information will be used to discuss how pathology involving muscles, bones, connective tissue, or nerves may alter normal joint movement and performance of functional activities. Corequisite: PT 6100, PT 6102.
Graduate Programs

***PT 6118. Functional Anatomy/Biomechanics Laboratory (2)***
This course introduces the student to the theory and practical application of basic tests and measures related to the examinations of the extremities and spine, and prepares the student in the theory and practical application of examinations of functional movement. Examinations that will be taught include palpation, muscle strength testing, range of motion testing, and sensory testing. The student will be taught how to analyze posture, gait, and other functional activities. Functional and dysfunctional movement patterns will be analyzed using a variety of techniques including observation, surface electromyography, and computerized motion analysis technology. The course is designed to apply content from Anatomy to the functioning human. Lab fee. Prerequisite: PT 6100, PT 6102, PT 6116.

***PT 6122. Motor Control/Motor Learning (2)***
Motor control and motor learning concepts lay the foundation of motor skill development and physical therapy practice. This course will explore the development of postural control, mobility, and fine motor function in the context of multi-system changes from birth through old age. Students will explore the scientific theories and clinical application of motor control and motor learning concepts through analysis of movement and skill development in children, young adults, and older adults.

***PT 6300. Clinical Procedures I (2)***
This lecture course is the first in a two-part series of clinical procedures courses designed to prepare the student in the theory and application of selected clinical examination skills and interventions that are fundamental across all practice patterns. This first course includes developing fundamental skills such as body mechanics, bandaging, and documentation. Examination and intervention skill development continues with functional mobility assessment and intervention, amputee management, and prosthetic and orthotic care of the spine and limbs. Corequisite: PT 6302.

***PT 6302. Clinical Procedures I Laboratory (1)***
This laboratory course is designed to provide the student with practical experiences in selected clinical examination skills and interventions in parallel with the lecture component of the course. Lab fee. Corequisite: PT 6300.

***PT 6304. Physical Therapy Management of Cardiovascular and Pulmonary Conditions (3)***
This course introduces the student to the concepts underlying the physical therapy management of patients with cardiovascular and/or pulmonary pathology. Content from the foundational sciences of anatomy, physiology, pharmacology, and pathology will be related to comprehensive management of cardiovascular and/or pulmonary conditions encountered in a variety of clinical settings. Pathophysiology, diagnostic procedures, evidence-based medical/surgical/health care management, and prevention will be included in discussion of conditions commonly encountered in physical therapy practice. Corequisite: PT 6306.

***PT 6306. Physical Therapy Management of Cardiovascular and Pulmonary Conditions Laboratory (2)***
This course complements the lecture content in Physical Therapy Management of Cardiovascular and Pulmonary Conditions, providing students with an opportunity to apply theory and practice skills in a laboratory situation. Students will measure vital signs, perform cardiac and pulmonary examinations, perform chest physical therapy techniques, design and implement exercise programs, and document their results. Lab fee. Corequisite: PT 6304.

***PT 6411. Clinical Decision Making I (1)***
The first course in this series of case-based problems focuses on theories of clinical decision making and application to individuals in simulated clinical settings. With guided instruction, the student will identify key elements of a case, relate relevant information from class discussion, and apply clinical reasoning skills for optimal client outcomes.

***PT 6421. Clinical Decision Making II (5)***
The second course in this series builds on fundamental concepts of clinical decision-making theories applied to case-based problem solving that synthesizes biomechanical, physiological, musculoskeletal, cardiopulmonary, and motor control/learning principles. Foundational sciences of anatomy, physiology, pharmacology, and pathophysiology will be applied to case-based problems that students will address through self-directed research, discussion, and guided instruction.

***PT 6501. Research I (2)***
This is the first of a five course sequence designed to provide the knowledge and skills necessary to critically analyze and use scientific literature to improve clinical practice, develop a research question, collect and interpret data, and disseminate results in professional forums. In this course, the student is introduced to principles of evidence-based practice, research design, hypothesis generation and testing, measurement theory, and analysis of data across single subject and qualitative paradigms.

***PT 6502. Research II (3)***
This is the second in a five-course sequence designed to provide the knowledge and skills necessary to critically analyze and use scientific literature to improve clinical practice, develop a research question, collect and interpret data, and disseminate results in professional forums. In this course, the student is introduced to fundamentals of epidemiology, research design, hypothesis generation and testing, measurement theory, and analysis of data across experimental and survey paradigms.
PT 6503. Research III  (1)  
This is the third in a five-course sequence designed to provide the knowledge and skills necessary to critically analyze and use scientific literature to improve clinical practice, develop a research question, collect and interpret data, and disseminate results in professional forums. This course will culminate in the development of a research proposal.

PT 6815. Professional Development I  (2)  
This course is the first in a four-course sequence designed to enhance student growth through professional development. The focus of this course is on intra- and interpersonal communication issues and skills. Learning units address both the professional and patient perspective. Included topics are principles of education, the American Physical Therapy Association (APTA) and its foundational documents, physical therapy professional attributes, psychosocial aspects of illness, and basic communication skills.

PT 6825. Professional Development II  (2)  
This course is the second in a four-course sequence designed to enhance student growth through professional development. The focus continues to be placed on interpersonal skills. Learning units address interpersonal issues such as empathy, compliance and dyadic conflict resolution, and a variety of communication contexts including communication with physicians, families, children, and the elderly patient. Additionally, principles of education as it applies to patient education and to teaching students in clinical situations are discussed.

PT 6971. Clinical Education I  (1)  
This integrated experience is designed to develop observation, communication, and screening skills within a community-based context. Emphasis is on health promotion, wellness, and prevention in community and clinical settings. Students are expected to utilize appropriate interpersonal and professional skills.

PT 7120 (OT 6000). Neuroscience  (4)  
This course is designed to introduce basic and applied neurological principles. Topics to be covered include terminology and neuroanatomical relationships, cellular neurophysiology, structure and function of the central, peripheral, and autonomic nervous systems and their ability to respond to environmental demands. The student will evaluate human behavior and performance in relation to function and dysfunction of the nervous system.

PT 7300. Clinical Procedures II  (2)  
This lecture course is the second in a series of two clinical procedures courses designed to prepare the student in the theory and application of selected clinical examination skills and interventions. This course includes intervention approaches specific to the integumentary system, notably edema management and wound care; and multi-system interventions including electrotherapeutic modalities, traction, mechanical joint mobility, and joint protection. Corequisite: PT 7302.

PT 7302. Clinical Procedures II Laboratory  (1)  
This laboratory course is designed to provide the student with practical experiences of clinical examination skills and interventions in parallel with the lecture component of the course. Lab fee. Corequisite: PT 7300.

PT 7312. Physical Therapy Management of Musculoskeletal Conditions I  (3)  
This course, the first in a series of three, introduces the student to common musculoskeletal pathologies of the extremities. Information from the foundational sciences of anatomy, physiology, pathology, and pharmacology are linked to various examination and treatment approaches/philosophies for the comprehensive physical therapy management of musculoskeletal conditions. Pathophysiology, diagnostic procedures, evidence-based medical/surgical/health care team management, and prevention will be included in discussion of conditions commonly encountered in physical therapy practice. Corequisite: PT 7314.

PT 7314. Physical Therapy Management of Musculoskeletal Conditions I Laboratory  (1)  
This laboratory course is designed to provide the student with practical experiences of clinical examination skills and interventions that parallel the lecture component of the course. Lab fee. Corequisite: PT 7312.

PT 7316. Physical Therapy Management of Musculoskeletal Conditions II  (2)  
This course, the second in a series of three, introduces the student to common musculoskeletal pathologies of the spine and pelvis. Information from the foundational sciences of anatomy, physiology, pathology, and pharmacology are linked to various examination and treatment approaches/philosophies for the comprehensive physical therapy management of musculoskeletal conditions. Pathophysiology, diagnostic procedures, evidence-based medical/surgical/health care team management, and prevention will be included in discussion of conditions commonly encountered in physical therapy practice. Corequisite: PT 7318.

PT 7318. Physical Therapy Management of Musculoskeletal Conditions II Laboratory  (2)  
This laboratory course is designed to provide the student with practical experiences of clinical examination skills and interventions that parallel the lecture component of the course. Lab fee. Corequisite: PT 7316.

PT 7322. Physical Therapy Management of Musculoskeletal Conditions III  (1)  
This course, the final in a series of three, focuses on advanced concepts of physical therapy management of musculoskeletal conditions, including integrated joint and spinal mobilization and soft tissue techniques. In contrast to the first two classes in this
series, a greater emphasis will be placed on intervention than on examination. Individual topics include biomechanical assessment/treatment, soft tissue mobilization, muscle imbalance assessment and prescription, adverse neural tension testing and intervention, exercise prescription, foot positioning/gait, and taping techniques. Corequisite: PT 7324.

PT 7324. Physical Therapy Management of Musculoskeletal Conditions III Laboratory (1.5)
This laboratory course is designed to provide the student with practical experiences of clinical examination skills and interventions that parallel the lecture component of the course. Lab fee. Corequisite: PT 7322.

PT 7326. Physical Therapy Management of Neuromuscular Conditions I Lecture (3)
This course, the first in a series of two, is designed to introduce students to the concepts underlying the physical therapy management of individuals with movement dysfunction secondary to acquired neuromuscular deficits. Content from the foundational sciences of anatomy, physiology, neuroscience, pharmacology, and pathology will be related to comprehensive management of neuromuscular conditions encountered in a variety of clinical settings. Pathophysiology, diagnostic procedures, evidence-based medical/surgical/health care team management, and prevention will be included in discussion of brain pathologies commonly encountered in physical therapy practice. Corequisite: PT 7328.

PT 7328. Physical Therapy Management of Neuromuscular Conditions I Lab (1)
This laboratory course is designed to provide the student with practical experiences of clinical examination skills and interventions that parallel the lecture component of the course. Lab fee. Corequisite: PT 7326.

PT 7332. Physical Therapy Management of Medical Conditions (3)
This course applies current theory to the physical therapy management of acute and chronic medical conditions commonly seen in physical therapy practice. Primary content areas will include diseases or conditions of the integumentary, endocrine and metabolic, genitourinary, gastrointestinal, immune, and hematological systems. The pathophysiology, medical diagnosis, clinical course, medical/surgical/health care team management and prevention will be presented as a foundation for developing a physical therapy plan of care. Corequisite: PT 7334.

PT 7334. Physical Therapy Management of Medical Conditions Laboratory (1)
This laboratory course is designed to provide the student with practical experiences of clinical examination skills for primary care and interventions that parallel the lecture component of the course. The comprehensive management of such conditions as post-operative and neuropathic wounds, lymphedema, pelvic floor dysfunction, hemophilia, obesity, and diabetes will be presented. Lab fee. Corequisite: PT 7332.

PT 7336. Physical Therapy Management of Neuromuscular Conditions II (3)
As a continuation of Physical Therapy Management of Neuromuscular Conditions I, this course applies previously introduced concepts of neuromuscular practice to physical therapy management of individuals with movement dysfunction associated with neuromuscular diagnoses and pathologies primarily affecting the central and peripheral nervous system. The pathology, clinical manifestations, prognosis, and medical/surgical/health care team management of these disorders are presented as a basis for understanding neuromuscular diseases that required direct intervention by a physical therapist. Corequisite: PT 7338.

PT 7338. Physical Therapy Management of Neuromuscular Conditions II Laboratory (1)
This laboratory course is designed to provide the student with practical experiences of clinical examination skills and interventions that parallel the lecture component of the course. Lab fee. Corequisite: PT 7336.

PT 7342. Physical Therapy Management of Pediatrics Conditions (2)
Theories of growth and development will be reviewed and applied to case studies representing medical conditions encountered in pediatric physical therapy practice. Content from the foundational sciences of anatomy, physiology, pharmacology, and pathology will be related to comprehensive management of pediatric conditions commonly encountered in a variety of clinical settings. Pathophysiology, diagnostic procedures, evidence-based medical/surgical/health care team management, and prevention will be included in discussion of each condition. New and innovative therapy interventions will be explored in light of evidence-based practice and current research. Corequisite: PT 7344.

PT 7344. Physical Therapy Management of Pediatrics Conditions Laboratory (1)
This laboratory course is designed to provide the student with practical experiences of clinical examination skills and interventions that parallel the lecture component of class. Lab fee. Corequisite: PT 7342.

PT 7431. Clinical Decision Making III (5)
The third course in this series builds on fundamental concepts of clinical decision-making theories applied to case-based problem solving that synthesizes musculoskeletal, neurological, and acute medical principles. Foundational sciences of anatomy, physiology, pharmacology, and pathophysiology will be reviewed and applied to case-based problems that students will answer through self-directed research, discussion, and guided instruction.

PT 7504. Research IV (2)
This is the fourth in a five-course sequence designed to provide the knowledge and skills necessary to critically analyze and use scientific literature to
improve clinical practice, develop a research question, collect and interpret data, and disseminate results in professional forums. In this course, students work collaboratively with a faculty member to collect data on a unique research, administrative, or educational project.

PT 7505. Research V (1)  
This is the fifth in a five-course sequence designed to provide the knowledge and skills necessary to critically analyze and use scientific literature to improve clinical practice, develop a research question, collect and interpret data, and disseminate results in professional forums. In this course, students will complete data collection and prepare results for dissemination. Preparation and presentation of the project is required orally and in either manuscript or poster form.

PT 7510. Health Care Management (2)  
This course is designed to introduce physical therapy students to the health care system as a whole. This course is organized around a number of broad concepts and categories. These include the historical development of the health care system in the United States, the evolution of third party reimbursement systems and managed care, Medicare/Medicaid, the Balanced Budget Act of 1997, the legal aspects of health care, documentation, and the influence (or lack thereof) of outcomes.

PT 7810. Reflective Practice I (5)  
This course is the first of a four-course series that focuses on the development of reflection in the physical therapy student and professional. Reflective Practice I introduces students to foundational knowledge related to reflection in clinical practice. Students will be presented with theories and tools specific to reflection for the health care professional. Students will identify and demonstrate reflective skills in conjunction with providing direct patient care in the clinic. Students will engage in on-ground and on-line discussions, small group work, case studies, and personal assessment. Corequisite: PT 7812.

PT 7835. Professional Development III (2)  
This third course in the professional development series further expands the scope of influence to small group and public arenas. The course focuses on small group communication skills and public interactions, and the development of cultural competence, which emphasize the therapists’ responsibilities to the public. Included topics are small group communication concepts such as group dynamics, cohesiveness, planning meetings, group conflict, and conflict resolution. In addition, public responsibilities such as legal and ethical practice and consultation architectural barrier assessments are addressed.

PT 7972. Clinical Education II (1)  
This three-week, structured clinical learning experience occurs at the conclusion of the formal coursework for the fall semester. The experience is designed to allow the student to practice basic elements of client management including: examination, evaluation, diagnosis, prognosis, and interventions under the direct supervision of a physical therapist who serves as the clinical instructor. Structured weekly assignments are used to integrate pathology, medical tests, examination, case management, resource utilization, and discharge planning. Fee. Corequisite: PT 7810.

PT 8441. Clinical Decision Making IV (2)  
This course is designed to facilitate the process of clinical decision-making in complex situations. It is specifically offered in the last didactic semester to incorporate the student’s clinical experiences in the course content. Included in that is the synthesis of factors influencing clinical decision making (discussion of the network), methodology of decision analysis, effective and appropriate problem solving, and development of intervention strategies for the complex patient. Coordination, communication, and documentation with other healthcare providers are stressed.

PT 8520. Concepts and Practice of Administration (2)  
This course is designed to prepare the student in the theory and practical application of managerial/supervisory principles, concerns, and techniques. Topics include managerial structure and functions, development of and planning for organization operations, financial management, and documentation requirements for organizational operations, quality assessment, personnel selection and management, business ethics, communication concerns, and strategies for change in the workplace.

PT 8600. Creating a Practice (1)  
This course is designed to utilize information presented in PT 8520 to create a business, along with a formal business plan. Instruction is presented through group discussions/projects, and individual study of instructional materials. This course fulfills an elective requirement in the physical therapy program. Corequisite: PT 8520.

PT 8630. Advanced Examination and Treatment of the Spine (2)  
This course is designed to teach manual therapy as applied to the lumbar, thoracic, and cervical spine and related soft tissue. Skills are built upon those manual therapy concepts initially introduced in PT 7314 and PT 7318. Particular attention is paid to the subjective, objective, and neurological examination, diagnosis of musculoskeletal pathology, its associated problems, appropriate intervention strategies, and modification of the intervention
PT 8670. Pediatric Physical Therapy (2)
This course provides students with advanced knowledge of physical therapy practice in the areas of pediatrics and developmental disabilities. Case studies, group discussion, self-directed learning, field trips, and experiences with pediatric clients in various practice settings (including NICU follow-up clinic, specialty clinics, school-based therapy, aquatic therapy and hippotherapy) encompass medical/educational diagnoses and conditions, administration of pediatric examinations, evidence-based and evolving interventions, documentation, working in teams, and service delivery models in medical, educational, and early intervention settings. This course fulfills an elective requirement in the physical therapy program.

PT 8680. Physical Therapy for Older Adults (2)
This course provides students with the directed study of the practice of physical therapy with the older adult client. Individual, self-directed research, small group discussions, presentations and clinical experiences will cover the following topics specific to the physical therapy management of the older adult: examination tools, evaluation, physical therapy diagnosis, plan of care, coordination, communication and documentation related to client services, working in teams, service delivery models, and priorities and issues across the continuum of care for the older adult. This course fulfills an elective requirement in the physical therapy program. Prerequisite: Successful completion of all courses in prior semesters within the physical therapy curriculum or by consent of the instructor.

PT 8690. Women’s Health (1)
This course will examine how medical knowledge regarding women’s health has expanded dramatically. The gender specific nature of medical interventions is becoming clearer as women are studied scientifically and medically. Physical therapists benefit from recognizing gender patterns for disease, as well as gender specific interventions. This course addresses prevalent women’s health issues including: hormone replacement therapies, menopause, pelvic floor musculature function, dysfunction, and incontinence; osteoporosis, lymphedema management; pregnancy, exercise, and musculoskeletal disorders; female cardiovascular concerns; and the female athlete. The course consists of both lecture and lab experiences and is held at Shawnee Mission Medical Center. Opportunities are given for observing female support groups and for interaction with key women’s health experts. This course fulfills an elective requirement in the physical therapy program.

PT 8700. Principles of Sports Medicine (2)
This lecture/laboratory course incorporates principles of theory and practice in prevention, assessment, and treatment of injuries incurred during athletic participation. The work in this course is in the context of clinical and field/court decision making. This course fulfills an elective requirement in the physical therapy program.

PT 8820. Reflective Practice II (1.5)
This is the second in a series of four courses meant to develop the skills of reflection in the physical therapist student and professional. In Reflective Practice II, students will apply knowledge and strategies consistent with the reflective practitioner to develop a deeper and broader understanding of self and clients within their assigned practice setting. The focus in this course will be in the application of tools used in reflective practice to promote high quality and efficient physical therapy services for individual clients across the lifespan. Students learning activities will include but not be limited to: on-line learning units that incorporate personal reflection, case studies, small group work, independent research and interviews with clients and professionals. Corequisite: PT 8973.

PT 8830. Reflective Practice III (3)
This is the third in a series of four courses meant to develop the skills of reflection in the physical therapist student and professional. In Reflective Practice III, students will analyze the knowledge and strategies consistent with the reflective practitioner to develop a deeper and broader understanding of clients, practice settings and the profession of physical therapy. The focus of the course will be on the analysis and synthesis of knowledge and tools related to reflective practice to optimize physical therapy services for clients across a minimum of two practice settings. Students will integrate theory and clinical practice through on-line learning units that incorporate personal reflection, case studies, small group work, independent research and interviews with clients and professionals. Corequisites: PT 8974 and PT 8975.

PT 8840. Reflective Practice IV (1)
In this final course of a four course series, students will emerge with a broad and deep understanding of the value of reflective practice for today's physical therapist. Students will evaluate the practice of reflection and propose new methods to incorporate reflection into the practice of physical therapy. Students will begin to self-assess and peer-assess individuals’ level of reflection. Students will critique themselves and their peers and offer suggestions for development as a professional in the field of physical therapy. Course will be presented on-line through learning units that incorporate personal reflection, case studies, small group work, independent research and interviews with clients and professionals. Corequisite: PT 8976.

PT 8845. Professional Development IV (2)
This fourth and final course in the professional development series further expands the scope of
influence by focusing on developing leadership skills and social action. Student initiated action projects in legislative and leadership arenas provide the basis for self directed learning.

**PT 8973. Clinical Education III** (3)
This course is the first nine-week, full-time clinical experience in which the student is expected to advance to a minimum level of competency in the basic elements of patient/client management including: client examination, evaluation, diagnosis, prognosis, and intervention application. Students are provided with opportunities to engage in primary prevention as well as secondary and tertiary healthcare activities during these clinical experiences. Students are scheduled for internships in a variety of settings that include inpatient and outpatient rehabilitation departments, schools, and specialty areas (pediatrics, burns, wounds, etc.) A clinical instructor (CI) will supervise each physical therapy student during each clinical internship. Corequisite: PT 8830.

**PT 8974. Clinical Education IV** (3)
This course is the second nine-week full-time clinical experience in which the student is expected to advance to a minimum level of competency in the basic elements of patient/client management including: client examination, evaluation, diagnosis, prognosis, and intervention application. Students are provided with opportunities to engage in primary prevention as well as secondary and tertiary healthcare activities during these clinical experiences. Students are scheduled for internships in a variety of settings that include inpatient and outpatient rehabilitation departments, schools, and specialty areas (pediatrics, burns, wounds, etc.). A clinical instructor (CI) will supervise each physical therapy student during each clinical internship. Corequisite: PT 8830.

**PT 8975. Clinical Education V** (3)
This is the final of three nine-week full-time clinical experiences in which the student is expected to advance to a minimum level of competency in the basic elements of patient/client management including: client examination, evaluation, diagnosis, prognosis, and intervention application. Students are provided with opportunities to engage in primary prevention as well as secondary and tertiary healthcare activities during these clinical experiences. Students are scheduled for internships in a variety of settings that include inpatient and outpatient rehabilitation departments, schools, and specialty areas (pediatrics, burns, wounds, etc.). A clinical instructor (CI) will supervise each physical therapy student during each clinical internship. Corequisite: PT 8830.

**PT 8976. Clinical Education VI** (2)
This is a six-week full-time clinical education experience. Students will participate in a final clinical experience in an area of interest. The student will practice all basic elements of patient/client management including examination, diagnosis, prognosis, and intervention application. Students will also participate in case management, administrative, quality improvement efforts as well as consultation activities at their assigned facility. Students will be required to complete a case study or project within their specialty area that will be presented to clinic staff and faculty as appropriate prior to the conclusion of their clinical experience. Corequisite: PT 8840.
GRADUATE STUDIES IN THE
HELZBERG SCHOOL OF
MANAGEMENT

Academic Administration

Dean
James M. Daley, Ph.D.
Alfred G. Hawkins, Jr., Ph.D.

Assistant Dean of Academic Affairs
William E. Basset, M.A.

Assistant Dean of Assessment & Strategic Planning
Richard D. Graham, M.A.

Assistant Dean of Operations & Administrative Affairs
Cheryl McConnell, M.P.A., C.P.A.

Chair, Division of Decision Sciences: Accounting, Economics, Finance, & Production Operations Management
Craig M. Sasse, Ph.D.

Chair, Division of Management: Management, Marketing, & Management Information Systems

Full-time Faculty

Associate Professor of Production & Operations Management
Shahid Ali, Ph.D.
Sylvia C. Dochterman, M.B.A.

Director of Cohort Programs
Ricard E. Downing, Ph.D.
Brian D. Fitzpatrick, Ph.D.

Assistant Professor of Management Information Systems
Laura E. Fitzpatrick, Ph.D.
Myles P. Gartland, Ph.D.

Professor of Finance
Alfred G. Hawkins Jr., Ph.D.
Gail A. Hoover, Ed.D., C.P.A.

Assistant Professor of Accounting
Jacob Kurien, Ph.D.
Thomas L. Lyon, Ph.D.
Cheryl McConnell, M.P.A., C.P.A.
Mindi K. McKenna, Ph.D.

Professor of Finance
Sudhakar Raju, Ph.D.
Craig M. Sasse, Ph.D.
Randolph E. Schwering, Ph.D.
Martin H. Stack, Ph.D.

Associate Professor of Management
Michael J. Stellern, Ph.D.
Michael M. Tansey, Ph.D.

Associate Professor of Economics
Anthony L. Tocco, Ph.D.
David B. Vicknair, D.B.A., C.P.A.

Professor of Economics
Joel Watson, Ph.D.

Advancement to positions of major responsibility today depends increasingly on education beyond the bachelor's degree. Whether working in public or private institutions, large or small, those seeking achievement of career goals and the long-term success of their organizations often look to graduate education in some area of business administration.

The Rockhurst Master of Business Administration meets this demand for competent, confident leaders with management skills necessary to lead successful organizations in
dynamic, rapidly changing environments. Faculty use a wide variety of teaching approaches with emphasis on reality-based action learning case studies, projects, simulations and team-based activities. Courses blend theory and application to ensure both a broad-based understanding of contemporary business, and the capacity to appreciate how technology, globalization and social change are shaping the future business environment.

Rockhurst MBA graduates possess the business management skills necessary to effectively manage people, processes and programs. They also possess the leader’s ability to discern, envision, empathize, communicate, and lead in an ethical, socially responsible manner.

**Helzberg School of Management Vision, Mission, and Core Values**

The Helzberg School of Management exists to prepare leaders to make a positive difference in the world. Our mission is to be the driving force in the community to educate and develop leaders of competence and conscience, based upon the Jesuit tradition of learning, leadership and service.

We will teach, practice, and be guided by:
- Reverence for dignity of the human person;
- Respect for the intellectual and spiritual aspects of education;
- Commitment to the community and its progress;
- Honesty, integrity, and ethics in every aspect of the educational endeavor.
- Commitment to engaged learning and applied business interactions.

**Program Overview**

Since 1933, Rockhurst business education and leader development have been characterized by innovation and responsiveness to a changing environment. Significant “firsts” include Kansas City’s first co-educational business degree for working adults (1933), the city’s first part-time MBA program (1976) and first executive MBA program (1978), and participation in Kansas City University of Medicine and Biosciences’ ground-breaking DO/MBA Dual Degree program featuring a Rockhurst MBA in Health Care Leadership (2001). For more than 70 years, Rockhurst has met the demand for competent, confident leaders with management skills necessary to lead successful organizations in dynamic, rapidly changing environments.

The Helzberg School of Management offers a part-time or evening Master of Business Administration (MBA), with focus areas in accounting, finance, health care leadership, international business, management, and marketing. A 30-hour “5th Year MBA Option” is available to Rockhurst graduates with either a BSBA or an 18-hour minor in Business Administration. Rockhurst BSBA students with a concentration in Accounting may use the 5th Year MBA Option to meet CPA exam requirements.

The Helzberg School of Management offers a unique focus on executive education within the greater Kansas City area through its executive program, the Executive Fellows MBA. As part of its commitment to lifelong learning within the Catholic, Jesuit tradition, the Helzberg School of Management also provides educational and developmental programs for managers within the metropolitan area.
The Executive Fellows Program

The Executive Fellows Program at Rockhurst University is designed to assist local and regional firms in developing executive capability. The program awards a Master of Business Administration degree.

The Helzberg School of Management offers this program as a mid-career development experience for middle- and upper-level managers to enhance their general management abilities. A new cohort begins each fall and meets all day on alternate Fridays and Saturdays throughout the fall and spring semesters, for four semesters. The Helzberg School admissions selection process is highly competitive and has limited capacity.

The Executive Fellow gains information and insight from lectures, case studies, projects, and interaction with peers, guests and experienced faculty.

The Rockhurst University Executive Fellows program, begun in 1978, was the first executive program in the Kansas City metropolitan area. The program of study allows the executive to step beyond his or her current position to explore and test personal capabilities for new and greater growth and responsibility.

Applicants should contact the Executive Fellows Office at (816) 501-4091 for more information.

Executive Fellows courses are designated by 7000-level course numbers. Students must complete the entire degree with a minimum of 48 hours and a 3.0 grade point average.

<table>
<thead>
<tr>
<th>Executive Fellows MBA</th>
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<tr>
<td><strong>Year One</strong></td>
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<tr>
<td><strong>Semester One</strong></td>
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<tr>
<td>AC 7000 Accounting for the General Manager</td>
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<tr>
<td>EC 7000 Economic Analysis</td>
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<tr>
<td>MG 7000 Corporate Citizenship*</td>
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<td>MG 7200 Building Effective Teams*</td>
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Master of Business Administration (MBA)

MBA Programs at Rockhurst are designed to meet the needs of Rockhurst University undergraduates with a minor in Business Administration or BSBA degree wishing to complete their graduate degree and for working professionals. Students come from a variety of professional backgrounds with diverse personal goals. Some are improving their professional skills to enhance chances for advancement; others are preparing for a complete career change. To accommodate the dual role of employee-student, MBA classes are offered in the evenings and include some Saturdays or on-line.

MBA Objectives

The Helzberg School of Management strives to be the preeminent applied leadership, general management and competency-building institution in the Midwest. We seek to do this by developing technically competent managers with a broader understanding of their leadership roles as agents of change in solving problems of society and in improving social justice. To educate leaders and to make a positive difference in the world, the Rockhurst MBA incorporates the following five themes in the program: Leadership, Ethical Behavior/Corporate Social Responsibility, International/Global, Information Analysis and Application, and Communication.

Length of Program

Students must complete the requirements for an MBA degree within six years of beginning their Prerequisite courses, or, if no prerequisites are required, from their 6000-level Managerial Perspectives courses. Students may complete the degree in as little as one year by enrolling full-time, including one summer, or in two years by enrolling in six hours per term, including summer. At one course per semester, the student would still graduate within the allotted six years. Students taking more than 12 hours of MBA-level courses in any one semester, or six hours during a summer session, must have Dean’s or Dean’s designee approval.
Curriculum
The Rockhurst MBA normally consists of a minimum 36 semester hours beyond the Pre-requisites, divided into Core Managerial Perspectives and Electives. Students with a Rockhurst University undergraduate degree with a minor in Business Administration or a BSBA degree may qualify for a reduction of up to six hours.

MBA Prerequisite Courses (0-18 hours)
These courses are designed to prepare students for MBA study. The Prerequisite requirement is typically satisfied by an undergraduate degree in business or a Rockhurst University undergraduate degree with a minor in business administration. Otherwise, a student's Prerequisite requirement is determined during his/her initial credit evaluation at the time of admission.

Students meet MBA Prerequisite requirements by:
(1) Earning a C or better in applicable undergraduate business courses.
(2) Completing specified Rockhurst MBA Prerequisite courses.
(3) Or by receiving a waiver from the Dean or the Dean's designee based on prior work experience or professional achievement. In all cases, the student is responsible for proficiency in all work discussed in those courses.

Rockhurst offers six 3-credit hour Prerequisite courses:
- AC 4500 Principles of Accounting
- EC 4500 Applied Quantitative Methods
- MK 3000 Principles of Marketing
- FN 3000 Essentials of Finance
- EC 4550 Principles of Economics
- MIS 3100 Management Information Systems

Prerequisite courses may also be taken by individuals seeking background in basic areas of business or by those wanting to review specific subjects before moving into the Core Managerial Perspective courses. Students are expected to satisfy Prerequisite requirements before moving into Core Managerial Perspective coursework.

MBA Proficiencies
In addition to meeting Prerequisite requirements, students are expected to demonstrate a basic proficiency in computers, written communication, and oral communication. These proficiencies are assessed upon initial application. The computer proficiency requirement, to include a basic understanding of word processing and spreadsheet packages, may be met by successful completion (with a grade of C or better) of a college-level computer course, or by providing evidence of achievement based on relevant experience. The written communications proficiency requirement may be met 1) by successful completion (with a grade of C or better) of six hours of undergraduate composition or 2) by providing evidence of achievement based on relevant experience. The oral communications proficiency requirement may be met by the successful completion (with a grade of C or better) of three hours of undergraduate speech, or by other relevant experience. The Dean or the Dean's designee will approve proficiency waivers.
### Core Managerial Perspective Courses (30 hours)
These courses are designed to provide a manager's perspective into the interrelationship between functional business disciplines in a variety of business environments. Emphasis is placed on mastery and application of functional skills and processes, and upon how businesses integrate accounting, economics, finance, marketing and management processes to achieve organizational goals and objectives.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>OR</th>
<th>Course Code</th>
<th>Course Title</th>
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<td>Organizational Behavior/Marketing Management</td>
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</table>

**Note:** BUS 6020 and MG 6060 must be taken as part of a student's first nine hours. MG 6900 and MG 6910 must be taken as part of a student's last nine hours. The required international/global course may not be counted toward an MBA focus area (see Focus Areas below).

A student may waive up to two Core Managerial Perspectives courses, provided that student took 15 hours of upper-division undergraduate coursework above the principles level, with a minimum grade of C in each course, in a discipline equivalent to the Rockhurst course being waived. Core Managerial Perspectives hours waived may not exceed six credit hours. Students must substitute graduate elective courses to fulfill the 36-hour MBA degree requirement.

### Electives (6 hours)
Students must select six hours of 6000-level courses. Students may choose to focus in a discipline to add “depth” to their MBA experience.
Focus Areas require a minimum of six elective hours in one of these five disciplines:
- Accounting
- Marketing
- Management
- Finance
- International Business

A Focus in Health Care Leadership requires students to take the following three courses:
- HC 6125 Health Systems
- HC 6225 Strategic Analysis for Health Systems
- HC 6325 Policy & Politics of Health Care

One-hour Elective Course Offerings
One and three credit hour electives meeting the specialized needs of today’s manager will be offered from time to time. Topics and prerequisites will be announced at the time of each offering. A maximum of three one-hour elective courses can be applied to the MBA degree.

MBA Admission
Anyone holding a bachelor’s degree in any field from a regionally accredited college or university may apply for admission to the MBA Program of Rockhurst University. Applications are accepted continuously throughout the year.

To be considered for the program, official copies of transcripts from all undergraduate and graduate work, a completed application form and official GMAT scores should be forwarded to the Admission Office, Attn: MBA Admission, Rockhurst University, 1100 Rockhurst Road, Kansas City, Missouri, 64110-2561. For further information and/or an application for the GMAT test, please call the MBA Admission Office at (816) 501-4731.

Admission Requirements for the 5th Year MBA Option

CPA Certification
Full admission to the MBA Program for students who have not yet completed a Rockhurst bachelor’s degree requires:

1. Application for admission to the MBA Program by fall semester of their senior year.
2. Completion of the Rockhurst University undergraduate Liberal Core, the HSOM prerequisite requirements, and the following HSOM BSBA Core course requirements: AC 3500, DS 3200, FN 3000, MK 3000.
3. A minimum overall GPA of 2.75 for all HSOM BSBA Core courses.
4. A minimum overall GPA of 3.0 in all upper-division accounting courses completed at the time of application.
5. The GMAT must be taken to be accepted into the program and should be taken during the student’s junior year. The score on the GMAT must meet the standard MBA admission requirements.
Transfer Credit
A maximum of nine semester hours may be transferred from other accredited graduate business programs. Rockhurst University credit is based on the semester hour. A grade of at least 3.0 on a 4.0 scale is required on all transferred hours. Decisions on transfer credit are made at the time of admission as part of the initial credit evaluation.

When the student is already pursuing a graduate degree at Rockhurst, and wishes to take a graduate course at another institution and apply the credit toward their Rockhurst degree, the student must first request permission to transfer the credit. The student submits for approval a Pre-Approval of Transfer Credit form, course descriptions, and other supporting materials requested to the Helzberg School of Management MBA Advisor for approval by the Dean or Dean’s designee. In some cases coursework accepted may result in an extension of the six-year time limit. Once approved by the program, the student may take the course at the other institution. Approval for transfer will be forwarded to the Registrar’s Office. Once the coursework has been completed, the student must request that a sealed official transcript from the other institution be sent directly to the Registrar’s Office at Rockhurst University so that the pre-approved credit will be applied to their Rockhurst degree.

Registration
A priority system of enrollment is used for those students needing 12 or less hours to be graduated to help ensure that those students are enrolled in the classes required to complete their degree requirements. Specific dates and times of enrollment are listed for each semester on-line on the Rockhurst University website, www.rockhurst.edu. Early registration is urged in order to avoid class closings, especially for those students who lack flexibility in class selection.

Students who register early will be billed by the Business Office. However, all students are responsible for payment in accordance with regulations published online whether they receive a bill or not. Refer to the website for complete information.

Standards and Policies

Grade Requirements
A cumulative GPA of at least 3.0 in all 6000-7000 level courses is required in order to receive the MBA degree. The cumulative GPA calculation will also include all MBA Pre-requisite courses required for degree completion.

Academic Probation and Dismissal
All students are expected to maintain a GPA of 3.00 both cumulative and by semester. If a student’s GPA falls below 3.00 for either a semester or cumulative, he/she will be placed on academic probation and are provided up to two semesters of enrollment in no more than six credit hours per semester to bring his/her cumulative GPA to 3.00. Failure to meet probation conditions generally will result in dismissal from the MBA program.

A grade of “F” in any MBA prerequisite course or courses at the 5000-7000 levels will result in dismissal from the MBA program. A student has the right to appeal the dismissal by submitting a letter to the Helzberg School of Management Dean or Dean’s designee.

If subsequently reinstated, the dismissed student must retake the course in which he/she received the “F” grade and successfully pass with a grade of “B” or better before earning credit in any other courses. A course may be retaken only once and a grade of “B”
or higher must be attained. If these requirements are not satisfied, termination of enrollment will become final. The grade of “F” will remain on the transcript, but only the newer grade will be factored into graduate GPA computation.

Course Repetition
If a student must repeat a course because the original course is over six years old, both grades will remain on the transcript but only the newer grade will be factored into graduate GPA computation. If a student is not required to repeat a course, but desires to do so, the original and newer grade will remain on the transcript but only the newer grade will be factored into graduate GPA computation.

Incompletes
Students are encouraged to complete courses during the assigned semester. A grade of “I” (Incomplete) may be assigned only for serious reasons by the course instructor. The timeframe for the removal of an “Incomplete” shall be established by the faculty member in consultation with the appropriate dean and communicated to the student, but must be removed within six weeks or less or it automatically becomes an “F”. The initiative in arranging for the removal of the “I” rests with the student. (Refer to the grading policy in Graduate Academic Policies.)

MBA in Health Care Leadership
Offered within Kansas City University of Medicine and Biosciences’ DO/MBA Dual Degree Program

Since June 2001, Rockhurst has provided its Master of Business Administration as a featured component in a DO/MBA Dual Degree Program offered with Kansas City University of Medicine and Biosciences (KCUMB). The MBA in Health Care Leadership is designed to complement KCUMB students’ medical education by helping develop physician-managers of competence and conscience, with the business management skills necessary to provide quality holistic care in a dynamic health care environment.

KCUMB students are accepted into the DO/MBA Dual Degree Program during their first year of medical school. Over the next three years they take 48 hours of prerequisite and MBA coursework on the Rockhurst University campus, and complete the final six hours of their MBA on-line during the last nine months of medical school. Dual Degree students receive both a Doctor of Osteopathic Medicine degree and a Rockhurst University MBA diploma. Prospective KCUMB dual degree students are encouraged to contact the Health Care Leadership program director at (816) 501-3448 for more information.

DO/MBA students complete their MBA coursework as a cohort. However, on a space-available basis, other Kansas City healthcare professionals enrolled in the evening MBA program may elect to take Health Care Leadership MBA courses with KCUMB medical students toward receipt of a Rockhurst MBA with a focus in Health Care Leadership. See Focus Areas above for more information.

Detailed information can be found at www.rockhurst.edu/hcl.
Prerequisite courses
AC 5025 Foundations of Managerial Accounting
EC 4500 Applied Quantitative Methods
EC 4550 Principles of Economics
FN 5025 Foundations of Finance
MIS 5025 Management Information Systems
MK 5025 Foundations of Marketing

Total Prerequisite hours: 18

Managerial Perspective courses
BUS 6020 Effective Communication for Leaders
EC 6000 Managerial Economics
HC 6225 Strategic Analysis for Health Services
HC 6425 Health Care Leadership Capstone
MG 6100 Leadership and Organizational Behavior
MG 6200 Human Resource Management
MG 6225 Law and Social Responsibility
MG 6260 Quality Improvement Processes for Management
MG 6360 Leadership, Ethics and Teams
MG 6500 International Business

Industry Perspective courses
HC 6125 Health Systems
HC 6325 Policy and Politics of Health Care

Total Perspective hours: 36

Total Program hours: 54

Fifth Year MBA Option

This program is available to students who graduate from Rockhurst either with a HSOM minor in Business Administration or a BSBA degree. Students who meet the MBA admission requirements must begin the program within one year of completing their undergraduate degree and complete the program within three years of receiving their undergraduate degree.

Rockhurst students pursuing the 5th Year MBA Option must complete all 30 hours of the MBA Core Managerial Perspective courses. Rockhurst BSBA students with a Concentration in Accounting Pursuing the 5th Year MBA Option to meet CPA Certification requirements will substitute BUS 6400 Corporate Law for Managers for AC 6000 Managerial Accounting. Students who have completed DS 3200 with a grade of “B” or better at the undergraduate level will have DS 6150 waived at the graduate level; a graduate elective course must be taken in its place. Core Managerial Perspective hours waived may not exceed six credit hours. Students must take graduate elective courses to fulfill the 30-hour Fifth Year MBA degree requirement.
# Sample Program for 5th Year MBA Option

<table>
<thead>
<tr>
<th>Summer Semester</th>
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<tbody>
<tr>
<td>BUS 6020</td>
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<td>Required International/Global Course (3)</td>
<td>Required International/Global Course (3)</td>
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Student may also elect to pursue an MBA Focus Area with additional credit hours. See Focus Areas above.

*Note: The required international/global course may not be counted toward an MBA focus area.*
Course Listing

Accounting

AC 5025. Foundations of Managerial Accounting (3)
Students enrolled in the Health Care Leadership program or focus only. An introduction to how accounting captures and reports the effects of business activity and facilitates business planning and control. Health care-related cases are used to simulate the environment in which business decisions are actually made. Students work individually and in teams. Basic computer and spreadsheet skills are expected.

AC 6000. Managerial Accounting (3)
Course familiarizes the student with the use of accounting theory and information used in managerial decision planning and control. It deals with both the theory and the use of accounting information for managerial decisions. This course includes relevant and timely readings related to topics covered in the course. Prerequisite: Six hours of undergraduate financial and managerial accounting (AC 2000 and AC 2100), or AC 4500.

ACFN 6001. Combined Financial Policy/Managerial Accounting (6)
This fast-track course meets the accounting and finance requirements of the managerial perspectives segment in the MBA. The course is designed to familiarize students with terminology, theories, practices, and policies through integrated lectures, text, simulations, and a project designed to develop general management knowledge and skills in the accounting and finance areas. This course includes relevant and timely readings related to topics covered in the course. (This course fulfills requirements for both AC 6000 and FN 6100.) Prerequisite: Six hours of financial and managerial accounting (AC 2000 and AC 2100), or AC 4500; and FN 3000 or equivalent.

AC 6050 (AC 4050). Advanced Accounting (3)
Survey of advanced topics in financial accounting and reporting, including business combinations and consolidations, accounting for routine operations of state and local government entities and other non-business entities, partnership and personal financial statements, and foreign currency translation and transactions. The graduate-level course requires independent, accelerated, or additional work appropriate for the graduate level. Prerequisite: AC 3000.

AC 6430 (FN 6430). Contemporary Issues in Financial Management (3)
Course examines the modern practices and methods used in accounting and finance. Topics will include cash and working capital management, key financial metrics, making a business case, capital acquisition, joint ventures, mergers and acquisitions, risk assessment and management, and new valuation models and financial products. The Wall Street Journal is required for this course. Prerequisite: AC 6000 or FN 6100 or equivalent (ACFN 6001).

AC 6500 (AC 4450). International Accounting Issues (3)
This course examines the accounting and reporting of multinational corporations; the impact of culture and capital markets on countries’ accounting concepts and standards; and the development and use of international accounting standards. The graduate level course requires independent, accelerated, or additional work appropriate for the graduate level. Prerequisite: AC 3000, BUS 3350, FN 3000.

AC 6600 (AC 4600). Corporate and Partnership Taxation (3)
Course studies major taxes and taxation issues as they pertain to corporations, partnerships and sole proprietorships. Emphasis is given to concepts, practice, research and communication of tax issues. The graduate-level course requires independent, accelerated, or additional work appropriate for the graduate level. Prerequisite: AC 3000.

AC 6650 (AC 4650). Individual Taxation (3)
Course analyzes federal and state taxation issues as they pertain to individuals. Emphasis is given to concepts, practice, research and communication of tax issues. The graduate-level course requires independent, accelerated, or additional work appropriate for the graduate level. Prerequisite: AC 3000.

AC 6750 (AC 4750). Auditing (3)
Auditing integrates accounting practice, business perspectives and environments, and auditing standards and procedures. Upon completion of the course, students will have demonstrated their ability to assess client business risk, perform an industry analysis, gather and evaluate audit evidence, evaluate internal control systems, and prepare audit reports. Analytical, written, and oral presentation skills are essential in this course. The graduate-level course requires independent, accelerated or additional work appropriate for the graduate level. Prerequisite: AC 3500 or MIS 3100 or equivalent.

AC 7000. Accounting for the General Manager (3)
Executive Fellows Program only. Course examines accounting systems for executive decision making, including a general, theoretical description and analysis of the financial statements, how they relate to one another, and how information is presented for financial, managerial and tax reporting. The
course is very contemporary, using current and actual companies to illustrate how theory and practice work, and at times, do not work.

**Business Administration**

**BUS 6020. Effective Communication for Leaders** (3)

To explore the various techniques, instruments, processes, and styles employed by leaders to communicate effectively within organizations. Students write, give oral presentations, and learn to employ electronic media effectively. Exercises employ numerous real or simulated business situations that require communication in different styles, using a variety of forms and methods. This course is designed to provide an introductory experience and orientation to the MBA and establish common communication protocols, determine critical self-awareness profiles, and identify the Rockhurst themes that will be applied throughout the program. The course must be taken in the first six hours of the MBA program.

**BUS 6091. Global Business Issues** (3)

This course explores international business issues, including those related to selected foreign countries. The course will span multiple semesters and requires international travel. Students will be involved in the planning and organization of the international travel component of the class. Students will identify, explain and analyze differences and similarities among international business management and practices. There is a course fee to cover partial travel costs. Prerequisite: Complete minimum of nine hours of graduate level coursework (6000 level or higher).

**BUS 6200 (BUS 4200). Data Analysis for Decision Making** (3)

This course will provide students with the practical business and market research tools required for today’s data-driven decision needs. Understanding your products, customers, competitors, employees and processes is essential to achieve competitive advantage. These business intelligence tools include market research, data mining, forecasting, financial modeling and industry research. This course will focus on the processes and analysis of data using software, not on the mathematics. Prerequisite: A course in introductory statistics plus skills in using Windows-based software.

**BUS 6400. Corporate Law for Managers** (3)

Course focuses on law as it affects the corporation and other business enterprises. The topics include the formation of various business enterprises, the rules of agency, shareholder rights and liabilities, securities regulations, bankruptcy and an overview of government regulation. Where appropriate, the connections between ethics and law are explored.

**BUS 6450. Competitive and Strategic Analysis** (3)

Competitive and Strategic analysis draws from the fields of managerial economics, organizational theory, marketing and strategy used to determine a firm’s source(s) of competitive advantage. This class will show students how to analyze and evaluate a firm’s source(s) of competitive advantage by examining the interplay of the various internal and external factors. Topics to include horizontal and vertical boundaries, resource based views of the firm, dynamic firm capabilities, knowledge based resources, incentives, strategic groups and clusters. The focus will be on both the domestic and global firm. Prerequisite: EC 6000; MK 6100 and MG 6100, or MGMK 6101. It is recommended that this course be taken prior to MG 6910 Business Policy.

**BUS 7600. International Residency** (3)

Executive Fellows Program only. Course immerses students in an international learning experience. Students study the business, cultural and societal aspects of countries visited and the effect these factors have on international business markets. Additional areas of focus generally include factors effecting in-country foreign investments by U.S. firms; relationships between government regulators and industry; and the difference between the corporate governance models used in the countries visited and the United States. Other topics covered may include market entry; cultural, legal, and environmental factors; economics and financial risk; as well as international structure and strategy.

**BUS 7740. Research in Management Topics** (3)

Executive Fellows Program only. Course includes the formulation of an approved research topic, which addresses a current, high-level issue within the student’s sponsoring organization. Each student will work with a faculty advisor. The course is designed to allow the student maximum flexibility in addressing a specific and real business problem within one’s organization, drawing on one’s technical and managerial experience, as well as displaying an understanding of current business and government issues. This project culminates in a substantive written and oral presentation in the BUS 7750 Seminar in Management Topics course. This course continues through Semesters 3 and 4 of the program.

**BUS 7750. Seminar in Management Topics** (3)

Executive Fellows Program only. Course allows the students to analyze findings of their research projects in BUS 7740, Research in Management Topics, and to present, discuss, and defend to their peers their research projects. Each research project is formally presented to the class in a Board of Directors setting, thus allowing the students the opportunity to increase their critical thinking and oral presentation skills.
Decision Sciences

DS 6150. Operations Management (3)
Course examines the creation and distribution of goods and services in both the service and manufacturing sectors. Topics include location analysis, distribution models, inventory control models / supply chain management, scheduling and work design systems, and statistical process controls (including contemporary topics such as IS9000, CI, etc.). Students will appraise real-life business situations and suggest solution alternatives as related to operations management tools/techniques. Prerequisite: An introductory statistics and a pre-calculus or above math course, or EC4500. The course is waived for students who completed DS 3200 or equivalent with a grade of B or better. A graduate-level elective must be taken in its place.

DS 6200. Applied Management Science (3)
The course gives an overview of management science techniques that can be used to solve decision problems in different business functional areas (accounting, finance, marketing, and human resources). Students gain analytical skills and have hands-on experience building, interpreting and using a range of models. Topics include decision models, optimization models and simulation models. The course is example-driven and spreadsheet-based. Excel and various add-ins are used throughout the course. Prerequisite: EC 4500 or introductory statistics, and DS 3200 or equivalent

DS 7400. Operations Management (3)
Executive Fellows Program only. Operations management deals with business process design such as production, quality, and forecasting. This course examines the creation and distribution of goods and services in various business sectors.

Economics

EC 6000. Managerial Economics (3)
Course explores economic concepts and analysis for making business decisions. Topics can include demand and supply, forecasting, competition, sales strategies, production, efficiency, integration, cost and pricing, as well as macro and global issues in relation to how they impact business decisions and firms. This course fulfills requirements for both EC 6000 and DS 6150. Prerequisite: EC 4500; and six hours of undergraduate micro and macroeconomics (EC 2000 and EC 2100), or EC 4550.

EC 6500. International Economics (3)
Course analyzes international trade, with an emphasis on free trade vs. protectionism, comparative advantage, balance of payments, foreign exchange rates, North American Free Trade Agreement, history of trade, and adjustment with fixed and flexible exchange rates. Prerequisite: EC 6000 or equivalent (EC 6001).

EC 7000. Economic Analysis (3)
Executive Fellows Program only. Course examines essential microeconomic principles, macroeconomic issues, and statistical methods, along with software packages needed for a general manager's understanding of the economy.

EC 7100. Economics and Global Issues for the General Manager (3)
Executive Fellows Program only. Course provides the student with an overview of important macroeconomic, international, and global issues to assist the manager in the decision-making process. The state of the economy is addressed with special attention on those aspects of the economy which may impede economic growth. International and global relationships are analyzed to gain further insight into the role of the United States in the world economy.

Finance

FN 5025. Foundations of Finance (3)
Students enrolled in the Health Care Leadership program or focus only. An introduction to financial concepts at work in various healthcare organizations and the basic tools available to the financial manager. Health care-related cases are used to simulate the environment in which financial decisions are actually made. Students work individually and in teams. Computer and basic spreadsheet skills are expected. Prerequisite: AC 5025 or equivalent.

FN 6100. Financial Policy (3)
Course examines and applies important theories, tools, and concepts of corporate finance through various learning opportunities: cases, company projects, problem solving exercises and simulations. Each student is exposed to and applies knowledge to current financial topics through discussion and assignments on his/her firm's major financial activities. Prerequisite: FN 3000 or equivalent.
FN 6400. Options and Futures (3)
Course overviews the financial derivatives and commodity derivatives markets, the instruments traded in these markets (options, futures, swaps and exotics) and the principles underlying price determination of derivative instruments. Option valuation models such as the Black-Scholes model are extensively discussed. The focus of the course is on financial engineering—the use of derivatives in managing risk. Management of interest rate risk, equity risk, currency risk, commodity price risk and derivatives risk is covered. Modern tools of risk management such as Value at Risk (VAR) are extensively discussed. Prerequisite: FN 6100 or equivalent (ACFN 6001).

FN 6430. (AC 6430) Contemporary Issues in Financial Management (3)
Course examines the modern practices and methods used in accounting and finance. Topics will include cash and working capital management, key financial metrics, making a business case, capital acquisition, joint ventures, mergers and acquisitions, risk assessment and management, and new valuation models and financial products. The Wall Street Journal is required for this course. Prerequisite: AC 6000 or FN 6100 or equivalent (ACFN 6001).

FN 6450. Financial Statement Analysis (3)
Course addresses the quality of accounting information and analysis and interpretation of financial information. Emphasis is placed on key decisions requiring information from these statements. Topics include analysis and interpretation of financial ratios and measures for investment and company management. Prerequisite: AC 6000 and FN 6100 or equivalent (ACFN 6001).

FN 6500. International Finance (3)
Course addresses both theory and application of international finance. Emphasis is placed on foreign exchange management, including foreign exchange markets and instruments, measuring of foreign exchange exposure, and hedging open foreign exchange positions. Multi-national capital budgeting, Eurocurrency and international bond markets are also discussed. Prerequisite: FN 6100 or equivalent (ACFN 6001).

FN 6550. Financial Planning (3)
Course examines the individual's ability to make optimum use of financial resources in light of today's environment and the specific situation. The course introduces and discusses many of the principles and factors associated with the Certified Financial Planning field, including sources of money, managing personal income and expenses, tax planning, goal setting and various investment vehicles. Prerequisite: FN 6100 or equivalent (ACFN 6001).

FN 6600. Investments (3)
Course explores how securities markets work, and how individual investors employ systematic methodologies to accomplish investment objectives. Topics include environmental analysis, evaluation of equities, analysis of fixed income securities, fundamental and technical analysis of the stock market and capital market theory. Prerequisite: FN 6100 or equivalent (ACFN 6001).

FN 6700. Financial Markets and Institutions (3)
Course examines the financial and derivatives markets, and the institutional environment in which these markets operate. Instruments traded in these markets (stocks, bonds, currencies, options, futures, swaps, etc.), as well as principles underlying the price determination of each instrument, are covered. The course also covers Asset Liability Management (ALM) for banks and credit risk management. Prerequisite: FN 6100 or equivalent (ACFN 6001).

FN 6825. Health Finance for Non-Finance Professionals (1)
Course introduces students to the interrelationships of accounting statements, the basic accounting cycle, and how accounting can be used for budgeting purposes. Students build and employ accounting spreadsheets to reflect the classification of investment, financing, and operating activities for health care organizations.

FN 7100. Financial Management (3)
Executive Fellows Program only. Course enables student to complete an accounting and finance project by assessing his or her own organization. Students also practice accounting and financial decision-making at a senior-management level, using a financial simulation, and cover the theories and tools, and develop the skills necessary to understand finance from a senior management/leadership perspective. The project and simulation will allow the student to practice and learn about all the finance functions including treasury and cash management, capital budgets, pro forma financial statements, capital structure, working capital and growth issues.

Health Care Leadership

HC 6125. Health Systems (3)
Students enrolled in the Health Care Leadership program or focus only. Course surveys the major components and organizational interrelationships of the United States health care system. Students examine the various health care organizations (HCOs), personnel issues, delivery systems, policy, and payment mechanisms. This course introduces students to the public policy and business practice issues associated with access, cost and quality.
HC 6225. Strategic Analysis for Health Services (3)
Students enrolled in the Health Care Leadership program or focus only. Course employs financial and organizational research methods to analyze situations faced by contemporary health service organizations. Through quantitative and qualitative analysis, students learn to apply different techniques to strategic business decisions. Prerequisite: HC 6125; FN 3000 or FN 5025; MK 3000 or MK 5025.

HC 6325. Policy and Politics of Health Care (3)
Students enrolled in the Health Care Leadership program or focus only. Course examines political issues affecting contemporary health care services by analyzing policy goals, public policy formulation processes, and external environments. Analysis blends the use of managerial epidemiology, biostatistics, political and economic analysis, with an understanding of public health initiatives. Future health care leaders also gain an appreciation for how political structures determine interactions with local and national governments. Prerequisite or concurrent: HC 6225, or approval by HCL program director.

HC 6425. Health Care Leadership Capstone (3)
Students enrolled in the Health Care Leadership program or focus only. Course integrates core business concepts and managerial perspectives mastered earlier in the MBA program. Students write, present and critique business plans that define organizational vision, mission, goals, values, structure, systems and strategies for competitive advantage and growth. Student-developed business plans also describe the management processes by which goals and resources allocations will be continuously monitored and adapted. Prerequisite or concurrent: HC 6225. This course must be taken as three of the last nine credit hours in a Health Care Leadership MBA student program of study.

Management
MG 6002. Directorship of Boards – For Non-Profit (1)
The benefits, liabilities, and expectations for board of nonprofit organizations. The course will also provide information on corporate for nonprofit governance (including Sarbanes-Oxley Act of 2002) “outside” directors and the role of advisory board.

MG 6007. Directorship of Boards – For Profit (1)
The benefits, liabilities, and expectations for board of profit corporations. The course will also provide information on corporate for-profit governance (including Sarbanes-Oxley Act of 2002) “outside” directors and the role of advisory board.

MG 6060. Introduction to Corporate Social Responsibility (1)
Course illustrates the concept of social responsibility in terms of societal concerns and demands. The focus of the course is how the modern company integrates social responsiveness into its decision-making processes. The students are introduced to a template analyzing how accounting, financial, employee and marketing decisions impact the overall culture of the firm. Prerequisite: This course must be taken in the first nine hours of the MBA program.

MG 6066. IT Deployment/Change Management (1)
This is an on-line course designed to help first line and mid-level managers effectively deploy new information technology within their organizations. Readings and a technology “live case study” help students to understand those human and organizational factors that influence success in information systems deployment. Students take an interdisciplinary approach borrowing from the fields of organizational behavior, project management, organizational theory, finance, and other related business disciplines. The ultimate goal for the course is to help managers attend to the critical few leadership and organizational design issues likely to influence success in bringing new systems to life.

MG 6070. Personal Entrepreneurial Strategy (3)
Course explores the entrepreneurial process and examines the core principles in new venture creation and growth. Sponsored by the Ewing Marion Kauffman Foundation’s Center for Entrepreneurial Leadership, this innovative course was designed by a faculty team from Rockhurst University, the University of Kansas, and the University of Missouri-Kansas City. Teaching faculty from all three universities help students “discover the entrepreneur within,” and understand the sacrifices and benefits of being an entrepreneur. Students also develop self-assessment, networking, and entrepreneurial analysis skills.

MG 6097. Leadership and Relationship Intelligence (1)
This course focuses on one of the defining competencies of effective leadership – the ability to develop collaborative relationships within a diverse personal network of associates. Considerable research validates the vital importance of this aspect of emotional intelligence. Fortunately, in contrast to inherited personality traits, significant elements of this personal competency can be learned in this course. The course includes self-assessments (Strength Deployment Inventories®) to help the student understand motivation, behavior, and their leadership impact on other people. With that understanding, the student will be more able to make effective choices and influence the outcomes of their interactions. Prerequisite: MG 6100 or equivalent (MGMK 6101).
MG 6100. Leadership and Organizational Behavior (3)
Course increases students’ awareness of organizational processes and practices, including leadership, management, motivation, morale, group dynamics, interpersonal communications, conflict, and group problem solving. The course provides conceptual insights and behavioral skills needed for successful leadership of continuous improvement in individual, team and organizational performance. The course also highlights unique ethical, technological, regulatory and practical considerations for leadership within a range of contemporary organizations.

MG 6101. Combined Organizational Behavior/Marketing Management (6)
This course takes an integrative approach to the study of organizational behavior and marketing management. It examines the concepts of both fields to understand their impact on each other so that managers and especially leaders can design, articulate, implement, and evaluate successful strategies in a variety of business situations. The emphasis in the course is on a managerial focus and problem-centered leadership as opposed to a content and discipline-based procedure. Particular attention is given to ethical implications in the development of business strategies. (This course fulfills requirements for both MG 6100 and MK 6100.) Prerequisite: MK 3000 or equivalent.

MG 6200. Human Resource Management (3)
Course focuses on the emerging role of the human resources function in enabling higher levels of organizational performance. Traditional HR functions such as recruitment, selection, training, performance management, employee relations, career development, succession planning, equal employment opportunity, benefits and compensation are covered. Students will also discuss organizational structures and explore state-of-the-art employee participation and organizational design trends. Prerequisite: MG 6100 or equivalent (MGMK 6101).

MG 6225. Law and Social Responsibility (3)
Students enrolled in the Health Care Leadership program or focus only. Course explores basic business law and regulatory compliance, with a focus on key laws and regulations impacting health care. This course also introduces students to contracting and contracting law pertaining to real estate, IT vendor decisions, medical malpractice, property and casualty insurance, and managed care. Students examine how health care leaders integrate regulatory compliance and social responsibility into the formulation of organizational strategy.

MG 6260. Quality Improvement Processes for Management (3)
Performance measurements and quality improvement have become integral to management. “Report cards” are widely available as tools for evaluating the care and service offered by companies and by individual employees. It is paramount that managers understand the meaning and importance of performance measures, as well as how to implement quality improvement programs to enhance service and outcomes. This topic area will help learners to define meaningful quality parameters; describe quality from the perspectives of customers, purchasers, regulators and other stakeholders; and apply basic tools and techniques of quality improvement.

MG 6300. Designing, Implementing, and Leading Teams (3)
Course investigates issues of team functioning with an emphasis on team leadership. It focuses on understanding the various styles of effective team leadership, the specific roles of team members, and the stages of team development. Barriers to team effectiveness are identified and leadership strategies for neutralizing these barriers are discussed. Prerequisite: MG 6100 or equivalent (MGMK 6101).

MG 6360. Leadership, Ethics and Teams (3)
Students enrolled in the Health Care Leadership program or focus only. Course explores theoretical and practical concepts of leadership, ethics and teamwork. Students consider the leadership competencies, behavioral styles, attitudes and values that contribute to or impair individual, team and organizational effectiveness in the context of various settings and stages of team formation; identifying methods used by leaders to create an environment conducive for lifelong growth and development. Students reflect on the impact of personal vision and values on job satisfaction and effectiveness at the individual, team and organizational levels; identifying methods used by leaders to build team cohesiveness while respecting individual diversity.

MG 6425. Leadership Development (1)
Students enrolled in the Health Care Leadership program or focus only. Course explores the topics of personal vision, vocation and values as they pertain to the career plans and development of leaders within the healthcare industry. The impact that personal vision, vocation and values have on a leader’s spiritual integrity and career/life satisfaction will be explored. The differences between transactional and transformational leadership will be examined—both in terms of their impact on individual and organizational effectiveness, and also their impact on the holistic well-being of the leader and those being lead. Methods will be shared for establishing and maintaining cultural cohesiveness within an organization while respecting diversity of individual values and work styles. Students will
develop an actionable life plan consistent with their personal aspirations as healthcare professionals, business people and leaders within the healthcare industry.

**MG 6450. Leading Innovation** (3)
Course explores innovation through the lens of various stakeholder groups and introduces a variety of leadership strategies for encouraging creativity and supporting innovation. Specific topics include technology life cycles, product development, process improvement, organizational architecture for innovation, and organizational change issues. Prerequisite: MG 6100 or equivalent (MGMK 6101).

**MG 6500. International Business** (3)
Course introduces the student to the experiences of firms of all sizes, from many countries, to the issues of an increasingly complex and competitive global environment. Through case studies, current topical articles and lecture, the student is immersed in the internationalization process and multinational management from a manager’s perspective. The student is expected to analyze and provide solutions to global issues confronting corporations. Prerequisite: MG 6100 and MK 6100 or equivalent (MGMK 6101).

**MG 6510. Conflict Resolution** (1)
Course examines how to manage conflict proactively by creating an environment where difference is embraced and worked to enhance solutions. Students discover the importance of identifying and working with the “real problem” in order to get lasting results. The course also addresses the application of effective communication skills such as listening with empathy, clarifying for understanding, and responding assertively.

**MG 6525. Career Management and Leader Development II** (1)
Students enrolled in the Health Care Leadership program or focus only. Course builds on the topics of personal vision, vocation and values explored in the Career Management & Leadership Development I course. Students revisit their career plans and their leadership effectiveness assessments from earlier in the MBA program, including their individual development as well as their ability to guide and support the career development of others with whom they work. Students reflect on the competencies, behavioral styles, attitudes and values that contribute to or impair individual, team and organizational effectiveness. They explore the leader’s role in creating an environment of ongoing personal and professional growth.

**MG 6560. Personal Leadership: The Seven Habits of Highly Effective People** (1)
Course examines the principles of personal development and interpersonal relationships that can be applied in personal or business settings. Course work involves a dynamic, experiential learning atmosphere utilizing video, personal application exercises, partner exercises, small and large group activities. Upon completion of the course participants understand the seven habits, learn how to increase performance capability to achieve worthwhile purposes, and develop realistic action plans to implement the seven habits into daily life.

**MG 6600. Leadership and Motivation** (3)
Course explores concepts of leadership and motivation, examining the complementary yet distinct characteristics of leadership and management, and their impact on individual and organizational effectiveness. Cultural and societal influences on leadership and motivation will be highlighted. Ethical responsibilities associated with leadership and motivation will be addressed. Students will assess their personal leadership style, identifying their values and beliefs about team leadership and participation through experiential learning. Prerequisite: MG 6100 or equivalent (MGMK 6101).

**MG 6650. Entrepreneurship** (3)
This course is designed for the individual who is considering starting a new business venture. The topics covered are development of a business plan; start-up options; self-analysis—matching the individual with options; marketing issues including pricing, consumer behavior, promotional strategy and consumer credit; analyzing new venture ideas; location and facilities analysis; purchasing and inventory control; capital requirements; ownership options; and developing a financial information system. This course has as its major focus and class assignment the development of a business plan. Prerequisite: FN 6100, MG 6100, and MK 6100, or equivalents (ACFN 6101 and MGMK 6101).

**MG 6810. Maximizing Team Effectiveness** (1)
Course investigates basic concepts of how people work together in groups and teams in contemporary organizations. Issues of group dynamics and topics such as the use of task forces and self-directed work teams are covered. Students will participate in various team activities and discuss team roles and stages.

**MG 6816. Achieving Management Excellence** (3)
This course looks at the essential skills and functions of management. It will address, through case studies, stories of management practice, guest speakers, and various assignments, the issues of management at a practical level. Included in the range of managerial activities are hiring, motivating, decision-making, communication, and people skills. In addition to the managerial functions, students will be expected to practice and develop oral presentation skills.
MG 6820. Exploring Your Management Potential (1)
Course explores the underlying premise that leaders and managers must possess a high degree of self-awareness of their strengths and weaknesses in order to be effective change agents, leaders, or managers. At the end of the course, students are able to identify their own problem-solving, learning, interpersonal, conflict, leadership and motivational styles. Students will create individual development plans that will enable them to maximize their identified strengths while also addressing developmental needs.

MG 6870. Leading Organizational Change (3)
Course provides participants with the insight and skills for leading and managing complex organizational change. Topics such as choosing change strategies, dealing with resistance and leading the transition are examined through lectures, discussions, case studies and written assignments. Attention will be given to emerging organizational change processes, which are based on an organic, living systems paradigm, rather than the mechanistic paradigm of the traditional change theories.

MG 6900. Corporate Social Responsibility (2)
Course develops the related concepts of corporate ethics and social responsibility in terms of the current legal and social environments of business. The focus is on the relationships between legality, ethicality, and social responsibility and the need to integrate both ethical reasoning and social responsibility considerations into the formulation of overall corporate strategy. The course material is heavily case-oriented, drawing from current and recent legal cases. The discussion goes beyond the legal decision to emphasize the importance of the underlying social issues in both a domestic and international context. Where appropriate, ethical principles useful in resolving conflicts arising from differing cultural norms are introduced. Topics for the course include, but are not limited to, The Foreign Corrupt Practices Act, Antitrust Law and the international implications of antitrust, laws protecting the employees, laws protecting consumers, and environmental law. (This course should be taken within the last nine hours of the program.)

MG 6901. Combined Corporate and Social Responsibility/Business Policy (5)
This combined Business Policy and Corporate Social Responsibility course is a capstone experience in the Rockhurst MBA program. The course is presented from a general management/leadership perspective. The course promotes an integrated view of the various functional areas such as marketing, finance, human resources, IT, etc., as these subunits interact to create organizational performance. Topics covered include an overview of the tools and processes for strategy formulation, innovation, and the dynamics of strategy implementation, leadership, and organizational change. All of these topics are also addressed as challenges in corporate social responsibility and personal ethics. This latter emphasis is examined from both a prescriptive and descriptive perspective. This course should be taken in the last nine hours of the MBA program. This course fulfills requirements for both MG 6900 and MG 6910. Prerequisite: MG 6100 and MG 6060, or MGMK 6101.

MG 6910. Business Policy (3)
Course facilitates student integration and application of the core business concepts and managerial perspectives mastered earlier in the MBA program. Simulations, case analyses and group projects explore the strategic implications of contemporary issues, and place particular emphasis on strategy implementation and project management. This course encourages student reflection and synthesis within program thematic areas (leadership, ethical behavior/corporate social responsibility, information technology/knowledge management, global/international, and effective communication) and provides several opportunities for students to demonstrate leadership communication skills in a variety of class activities. This course should be taken within the last six hours of the program. Prerequisite: MG 6100 or equivalent (MGMK 6101).

MG 6961. Seminar in Organizational Behavior (1)
Executive Fellows Program only. Course explores cutting-edge issues in organizational behavior. Topics such as telecommuting, diversity, employee privacy, and empowerment are discussed. The seminar format of this course enables students to actively direct not only the course of the discussions, but also the nature of the topics explored.

MG 7000. Corporate Citizenship (1)
Executive Fellows Program only. Course increases the student’s understanding and appreciation of corporate citizenship through practical applications of corporate social responsibility. Presentations and discussions each semester on corporate social responsibility topics culminate in reflection paper/project. (Introduced during Orientation and continues throughout the program.)

MG 7100. Organizational Behavior (3)
Executive Fellows Program only. Course studies personal, social, technological, and organizational aspects of behavior and examines effective change-management processes which foster cooperation within the firm. There is special emphasis on understanding learning styles, personal management styles, and development of teams and individuals.

MG 7200. Building Effective Teams (2)
Executive Fellows Program only. Course increases the student’s understanding of his or her interper-
sonal skills. Processes essential to team building and collaboration, including leadership, problem solving, negotiation, conflict management, and group effectiveness are emphasized. Course is a team practicum experience designed to provide Executive Fellows students with a hands-on opportunity to learn about and practice effective team skills including leadership, followership, negotiation, problem-solving, decision-making, and conflict management. Students are assigned to learning teams at the beginning of the first semester and continue working in those teams throughout the Executive Fellows program. This two-year learning laboratory provides the opportunity for students to experience different team roles as well as participate in the stages of team development as their teams progress from initial forming and storming to high levels of team performance. (Course begins in Semester 1 and continues through Semester 4.)

MG 7300. Strategy Formulation and Corporate Governance/Ethics (3)
Executive Fellows Program only. Course focuses on organizational structure and the executive's ability to successfully implement an organization's mission, goals, objectives and strategies. The role of corporate governance and ethical decision making within the context of guiding values and support systems of the organization are explored. The course examines the executive function using successful and unsuccessful "real" cases to observe the decision and execution processes. Both text cases and "live" cases, as well as industry information are used extensively. The course is heavily oriented to the case method, and supported by conceptual and applied readings.

MG 7310. Strategy Implementation and Corporate Governance/Ethics (3)
Executive Fellows Program only. Course provides knowledge and skill development for those leading organizational change. Specific topics include planned change processes, building stakeholder relationships and partnerships, organizational design, negotiation, and conflict management. Corporate governance and corporate social responsibility are overarching themes in all the modules of this course.

MG 7760. Strategy and the Leadership Imperative (2)
Executive Fellows Program only. Course integrates what has been learned about competitive strategies throughout the program with a special emphasis on the leader's role in decision-making and leading change. Central to the course are presentations by current and former CEOs and executives. Through their experiences in formulating and implementing strategies, leaders relate their histories and living cases of strategy in action, reflecting on what they have learned as leaders. In the examination of different strategies, value chains, and business models, students will be asked to analyze the leaders and their effectiveness in implementing change. They will learn leadership models and criteria for transforming organizations to the next level.

MG 7780. Leadership Development (1)
Executive Fellows Program only. Course practicum experience is one of the primary closure activities in the Executive Fellows program. Each student will reflect upon personal strengths and weaknesses as these qualities apply to their present and future leadership efforts. Students also take part in activities designed to improve self-awareness and emotional intelligence vitally important in the leadership context. As a part of their post-program planning, students identify strategies and associated resources for continuing education beyond the Fellows program. A capstone event requires class members to develop an individual leadership credo summarizing their personal leadership philosophy, key leadership values, and elements of their personal leadership vision relating to family, organization, and community. This credo is formally presented at the Truman Presidential Library on the last day of class.

MG 7790. Managing Information Technology (3)
Executive Fellows Program only. Course develops knowledge relating to the dynamic role of Information Technology (IT) in business, government and community organizations. Taking a general management perspective, the course explores the leader's role in harnessing IT to support organizational strategy, organizational learning, and enhanced value creation. Students learn how to develop a coherent IT infrastructure that is aligned with the firm's competitive context. E-commerce initiatives are examined in terms of their increasingly important role in business-to-business and retail transactions. Students also examine the general manager's role in supporting the systems development process to include resource commitment decisions, development of integrated technology planning processes, and attention to critical behavioral issues affecting systems deployment. Emerging ethical and social responsibility issues are also addressed.

MG 7800. Contemporary Topics for Senior Managers (3)
Executive Fellows Program only. Course is spread over two semesters and is focused on helping individuals develop, through practical experiences, important knowledge and personal perspective. Practicing professionals are brought into the class setting to share experience, perspective, and wisdom. Students are required to synthesize and reflect on these experiences and relate how the topics impact their leadership and management style and/or how the experience impacts their orga-
nization at a senior level. (Course begins with five weeks at the end of Semester 2 and finishes in Semester 3.)

Management Information Systems

MIS 5025. Management Information Systems (3)
Students enrolled in the Health Care Leadership program or focus only. Course reviews past developments and emerging trends within the general discipline of Managerial Information Systems (MIS), and within the specific discipline of Health Care Information Technology (HCIT). Students explore the business management processes required for successful Information Systems planning, design and implementation within health care organizations of various sizes and types. Field visits and case studies expose students to the practical challenges involved in systems selection, implementation and ongoing utilization, including ethical issues, human responses to change, and best practices in project management.

MIS 6000. Corporate Management Information Systems (3)
This course provides an understanding of the processes of developing and maintaining corporate knowledge and managerial decision support resources; knowledge requirements acquisition and analysis, specifications development, and application design techniques; project identification, selection, and resource planning; process modeling, information modeling, user interface design, knowledge-based application design and implementation. The student will gain knowledge of an experience with the concepts, issues, principles, and techniques for managing corporate information resources, database administration, information warehousing, and mining as means of creating, enhancing and exploiting corporate knowledge resources. Prerequisite: MIS 3100.

MIS 6200. Management Information Systems Technology (3)
This course provides a detailed understanding of available and emerging technologies that are strategically important to successful management of information and knowledge management systems. Students who complete this course will have a solid understanding of the technical issues, advantages and limitations of large database systems including logical and physical representation of information using relational and object-oriented technologies; the essentials of telecommunication technologies including LAN, MAN, and WAN architectures supporting data, voice, image, and video media; and the use of advanced technologies for organizational applications including artificial intelligence and expert systems techniques and methods. Prerequisite: MIS 3100.

MIS 6500. Management Information System Analysis and Development (3)
This course provides a detailed coverage of the full application development life cycle as it relates to business process reengineering and change management issues. Students analyze business processes; develop detailed recommendations for improvements; develop detailed project requirement and specifications documents, project plans, and budgets; estimate project resources; allocate/coordinate resources and interface with a variety of organizational entities affected by the process changes. The course develops an understanding of the human resources and organizational implications of technology driven business process change including an understanding of change management and technology transfer. Prerequisite: MIS 6000 and MIS 6200.

MIS 6725. Management Information Systems for Health Care Leaders (1)
Course examines the business management processes required for successful information systems planning, design, and implementation within health care organizations of various sizes and types, including electronic medical records, ADT (admission, discharge, and transfer), patient scheduling, and eHealth (internet) applications. Students will be exposed to the practical challenge involved in systems selection, implementation, and ongoing utilization, including ethical issues, human responses to change, and best practices in systems project management.

MIS 6910. Management Information Systems Policy and Strategy (3)
This course develops managerial capabilities to effectively manage the strategic technology-related challenges that organizations face today and in the future. Students learn to manage corporate knowledge resources from an organizational perspective; to effectively integrate knowledge technologies in an organization and align resources with the corporate mission; to use strategic planning, policy formulation and implementation techniques based on the industry analysis, competitive analysis, and firm specific resource analysis to create competitive advantage; to effectively control the use of well-established technologies while growing with selected emerging technologies; and to understand the role of the Chief Knowledge Officer. The course is developed around case studies, hands-on simulations and personal contact with technology leaders in the business community. This course must be taken within the last nine hours of the program. Prerequisite: MIS 6000, MIS 6200.
Marketing

MK 5025. Foundations of Marketing (3)
Students enrolled in the Health Care Leadership program or focus only. Course examines the role of marketing in business strategy and planning. It covers marketing practices such as market research, environmental and competitive analysis, market segmentation and targeting, brand positioning and pricing. It also covers integration of marketing communications including advertising, promotion, publicity and sales — both online and traditional media. The course also covers product management in new, growing, mature and declining markets, both domestically and globally.

MK 6100. Marketing Management (3)
This course employs a managerial orientation to the management of marketing in organizations. Case studies and a simulation are used to accomplish this purpose. The simulation requires students to integrate the areas of new product development, buyer behavior, marketing research, sales management, distribution, pricing, marketing communications, segmentation, positioning, as well as economics, production finance, and team dynamics in order to execute a successful market strategy. In addition, the Harvard Case method of discussion is used to improve student’s managerial judgement and decision making by analyzing and evaluating “real-life” organizations. Prerequisite: MK 3000.

MK 6300. Marketing Strategy and Planning (3)
Course examines marketing management in the organization and its links to the overall corporate mission and strategy is examined. Concepts and techniques for environmental scanning, analysis of markets for opportunity, and design of marketing programs are also addressed. Prerequisite: MK 6100 or equivalent (MGMK 6101).

MK 6400. Consumer Behavior (3)
Course examines salient features of consumer decision processes and consumption patterns. Students analyze the principal factors influencing consumer decisions such as socioeconomic variables, family and cultural background and individual attitudes. This course applies the research conducted by behavioral scientists to the field of marketing. Students will study the research conducted by psychologists, sociologists, social psychologists, economists, cultural anthropologists, human ecologists, demographers, historians and other scientists. Prerequisite: MK 6100 or equivalent (MGMK 6101).

MK 6500. International Marketing (3)
Course examines marketing in foreign countries in terms of controllable and uncontrollable factors such as economic, cultural, geographic, legal and political issues that face the manager. Special emphasis is placed on the examination of unique marketing barriers present in an international environment. Prerequisite: MK 6100 or equivalent (MGMK 6101).

MK 6600. Marketing Communications (3)
Course examines different forms of promotion, including advertising, personal selling, sales promotion, public relations, direct marketing, special events marketing, and advertising on the Internet. Their use in developing and implementing communications programs, which influence the behavior of selected audiences, will be examined as part of the overall marketing strategy. Prerequisite: MK 6100 or MGMK 6101.

MK 6610. Marketing Models (3)
Course explores concepts, methods, and applications of decision modeling to marketing issues. Topics include segmentation, targeting and positioning, new product design and development, advertising, sales force and promotion planning, and sales forecasting. The course will cover decision models and analytical procedures used in strategic decision making within marketing, strategic planning approaches, industry analysis (models related to growth in sales and competition), competitive structure (approaches for market structure analysis), and new product design and development models. Prerequisite: MK 6100 or MGMK 6101.

MK 6700. Arts, Sports and Entertaining Marketing (3)
This course examines the dynamics of marketing various forms of the arts, entertainment and sports industries including product tie-ins, cross promotions, the branding of persons, events and venues, entertainment marketing research, reputation management, the underlying economic factors, and marketing communication strategy. Provides an in-depth look at the market-driven arts, entertainment and sports industries and looks at the use of marketing principles as they relate to building, maintaining and developing audiences. Prerequisite: MK 6100 or MGMK 6101.

MK 7000. Marketing Strategy (3)
Executive Fellows Program only. This course analyzes how general managers create and implement market-driven strategies in organizations to create, communicate and sustain value. Also, students learn how to use a marketing opportunity analysis to choose customers, go to market, price to capture value, and manage customers for profits. Central to the course is a comprehensive simulation, international in scope, in which the participants develop products, test-market products, develop business plans, roll out their strategy, and monitor their performance. The simulation emphasizes the application, synthesis and integration of all functional areas for the successful development and execution of a marketing strategy.
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Department of Education
Department of Occupational Therapy
Department of Physical Therapy
Nonprofit Leadership Studies

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Debra Pellegrino, Ed.D.
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Joseph A. Cirincione
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Assistant Professor, 1978-82; Associate Professor, 1982-92; Professor, 1992-
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<tr>
<th>Name</th>
<th>Title</th>
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<tr>
<td>D. Philip Colombo</td>
<td>Associate Professor of Chemistry</td>
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<tr>
<td>Janet L. Cooper</td>
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<tr>
<td>James M. Daley</td>
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<td>Dean, Helzberg School of Management, 2002-2003</td>
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<td>Janis Davis</td>
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<td>Sylvia Dochterman</td>
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<td>Nancy Donaldson</td>
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<td>Alan Douglas</td>
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<tr>
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<td>Assistant Professor, 1979-1983; Associate Professor, 1983-1999; Professor, 1999-2003</td>
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B.A., University of Oklahoma, 1972; M.A., 1974; Ph.D., Loyola University-Chicago, 1983  
Assistant Professor, 1985-89; Associate Professor, 1989-96; Professor, 1996-

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Visiting Instructor, 1988-89; Visiting Assistant Professor, 1989-91; Assistant Professor, 1991-95; Associate Professor, 1995-

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Assistant Professor, 1985-88; Associate Professor, 1988-2003; Dean, Helzberg School of Management, 2004-

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Professor of Mathematics and Physics  
B.S.E.E., Rockhurst College, 1969; M.S.M.E., University of Notre Dame, 1971; Ph.D., 1973  
Assistant Professor, 1973-80; Associate Professor, 1980-91; Professor, 1991-

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B.S., Wichita State University, 1977; M.S., University of Kansas, 1983; Ph.D., 1997  
Instructor, 1983-87; Assistant Professor, 1987-98; Associate Professor, 1998-2006; Professor, 2006-

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Associate Professor of Accounting  
B.S., University of Kansas, 1981; M.S., 1983; Ed.D., Northern Illinois University, 1994  
Assistant Professor, 1995-98; Associate Professor, 1998-2003; Assistant Dean, Helzberg School of Management, 2003-04

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B.S., De Paul University, 1969; M.Ed., Pennsylvania State University, 1971; Ph.D., Indiana University, 1978  
Professor, 2006-

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B.A., Southeast Missouri State University, 1977; M.A., 1979; Ph.D., University of Notre Dame, 1984  
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Instructor, 1969-72; Assistant Professor, 1972-78; Associate
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Instructor, 1979-83; Assistant Professor, 1983-98; Associate Professor, 1998-

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Assistant Professor, 2006-

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Assistant Professor, 2001-

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Assistant Professor, 2004-

Rev. James D. Wheeler, S.J.
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Instructor, 1956-61; Assistant Professor, 1961-66; Associate Professor, 1966-74; Professor, 1974-
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Haekyung An
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J.D., University of Missouri-Kansas City

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Lecturer in English
M.A., University of Missouri

Alan Bavley
Lecturer in Communication
M.A., University of Missouri-Columbia

Kim Bear
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M.Ed., University of South Carolina

Yvonne Ball
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Amy Beers
Lecturer in Business
B.S., Purdue University

Dennis Beers
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M.B.A., Indiana University

William Bell
Lecturer in Journalism
M.A., University of Missouri

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J.D., Boston College

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M.S., Central Missouri State University

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<thead>
<tr>
<th>Name</th>
<th>Title and/or Department</th>
<th>Institution and Location</th>
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<tbody>
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<tr>
<td>Frank Grispino</td>
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<tr>
<td>Gwendolyn Gruber</td>
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<tr>
<td>Ann Hakan</td>
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<tr>
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</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Jacqueline Haynes</td>
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</tr>
<tr>
<td>Barnett Helzberg Jr.</td>
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</tr>
<tr>
<td>Gregory Herdick</td>
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</tr>
<tr>
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</table>
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Tracy A. Rietzke
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B.A., Kansas Wesleyan University
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Education Information</th>
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<tr>
<td>Veronica Rivera</td>
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<td>Diane Sager</td>
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<td>Kathleen Schmiedeler</td>
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<td>M.A., Middlebury College</td>
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<tr>
<td>Sean Schneider</td>
<td>Lecturer in Physical Education</td>
<td>B.S., The University of Evansville</td>
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<tr>
<td>Mylene Schriner</td>
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<td>Carole Schroeder</td>
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<td>Robert E. Schubert</td>
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<td>Steven Schulte</td>
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<td>John Schuster</td>
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<td>Sally M. Smith</td>
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<tr>
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<tr>
<td>Betsy Ann Stewart</td>
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<td>Eugene Stohs</td>
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<tr>
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<td>John E. Tyler</td>
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<td>Kristina Ursick</td>
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<td>Kristina Weiler</td>
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<td>B. Elaina Wendt</td>
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<td>Patrick White</td>
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<td>Suzanne Wiley</td>
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<td>Elizabeth Willman</td>
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<td>Harris Winitz</td>
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<td>Glenn Young</td>
<td>Lecturer in Theology</td>
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<td>Kelly Young</td>
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<td>Kelly Young</td>
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</tbody>
</table>
Advanced College Credit Program

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CAMPUS FACILITIES

The 55-acre Rockhurst campus is in the heart of the cultural district of Kansas City. Rustic stone classroom buildings surrounded by beautiful, shaded walkways provide the perfect atmosphere for study and relaxation. The campus is a short stroll from Kansas City’s brightest cultural attractions, including The Nelson-Atkins Museum of Art, the Country Club Plaza, the Linda Hall Library of Science and Technology, the Kansas City Repertory Theatre, The Stowers Research Institute and the Brush Creek Riverwalk.

Around the Kinerk Commons

◆ Sedgwick Hall (1910). Rockhurst’s oldest building on campus houses the Mabee Theater; classrooms; and faculty offices.

◆ Conway Hall (1938). Conway Hall houses the Helzberg School of Management, offering undergraduate Business and Economics as well as Graduate and Executive Fellows Business programs. It also houses the Public Relations and Marketing office; Computer Services and Physical Plant operations, including computer laboratories; a large lecture hall; classrooms; and faculty offices.

◆ Van Ackeren Hall (1954). Administrative offices for the College of Arts and Sciences and the School of Graduate and Professional Studies are located in this building, as well as psychology and education laboratories and additional space for the Physical Therapy, Occupational Therapy and Communication Science and Disorders programs. The Gervais Learning Center, Career Services and the Goppert Cooperative Education Program, faculty offices and faculty mailboxes are housed in Van Ackeren Hall.

◆ Massman Hall (1957). Massman Hall provides facilities to serve both the campus and the community. Space is provided for students, faculty, administration, alumni and guests of the University to mingle and relax. These facilities consist of the Thomas More Dining Room, a combination dining, banquet and meeting room; private dining rooms; the Mabee Chapel; the Rock Room, which provides vending and lounge areas; an on-campus student pub; and general meeting rooms. The Office of the President, the Richardson Advancement Center, the Alumni Office, the Registrar’s Office, the Business Office, the Bookstore, the Office of Admission and Financial Aid, and Student Development Offices are located in Massman. There is a copy center located in the lower level of the building, as well as a mail center and mailboxes for students. Also, a workout facility is located in the lower level.

◆ Greenlease Library (1967). Greenlease Library contains about 380,000 items, with study and reading areas for 500 students. Group study areas, a computer laboratory and University archives are located in the library. More information about this building is detailed in the section “Library Facilities.”

◆ Richardson Science Center (1996). This addition to the Rockhurst campus houses lecture halls, laboratories, student resource centers for Physical Therapy and Occupational Therapy, and faculty offices. The biology, chemistry, math, physics and computer science departments are housed here. More information about this building is detailed in the section “Science Laboratories.”

◆ Student Activities Hall (2000). Spacious and attractive, the Student Activities Hall is available for student events. It is located east of the Convocation Center and reservations for its use can be made through the Physical Plant.
Greenlease Art Gallery (2000). The Greenlease Gallery is home to the University's Van Ackeren collection of religious art. The collection comprises works from the 15th to 18th centuries. They include sculpture, textiles, paintings and altar pieces from the Gothic, Renaissance and Baroque periods. The gallery also features space for the series of temporary exhibitions Rockhurst shows each year. Many University receptions and social gatherings are held here.

Bell Tower and Pergola (2000). The 93-foot tower, nearby pergola and fountain were added as part of the largest campus improvement and expansion plan in Rockhurst's history. The project extended the central quadrangle, adding more green space and an attractive gathering place for the campus community. Reinforcing the Rockhurst mission, the bell tower bears the inscription, "Learning, Leadership and Service in the Jesuit Tradition."

Kinerk Commons (2006). As a parting tribute to outgoing Rockhurst University President the Rev. Edward Kinerk, S.J., the University named the campus quadrangle the Kinerk Commons. The dedication of the quadrangle honors eight years of service that Fr. Kinerk gave to the Rockhurst community. His legacy will be commemorated with a stone bench and plaque on the southwest side of the Kinerk Commons.

Physical Recreation Facilities

Facilities available for individual and intramural use include basketball and volleyball courts and a weight and exercise room in the Mason-Halpin Fieldhouse (1939). The fieldhouse offers permanent seating for 1,500 and accommodates 2,600 for special events.

The Physical Education and Convocation Center (1973) adjoins the Mason-Halpin Fieldhouse and contains a 10,065 square foot multipurpose room designed to accommodate tennis, basketball, volleyball, badminton and general physical education activities. It also houses a weight and exercise area and three handball/racquetball courts. The Athletic Department offices are located in the Center, as well as a training room, equipment room, storage areas, and shower and locker facilities.

Outdoor physical recreation facilities include Wilfred C. Bourke Athletic Field, a regulation soccer field, the Shaw Volleyball Court, tennis and handball courts.

Loyola Park hosts a state-of-the-art baseball field, a regulation softball field, and six tennis courts with seating.

On-Campus Housing


Town House Village (1994). This modern, landscaped addition to the campus features residence for 160 students, with priority given to juniors, seniors, and graduate students. The townhouses offer a mixture of 42 apartment-styled units with one, two or three bedrooms. The centrally located community center houses staff offices, main desk, laundry, and computer room.

On-Campus Houses (2006). Located just south of the main campus on Forest Road, these nine houses hold approximately 36 junior and senior students.
Adjacent to the Campus

◆ **Claver Jesuit Residence** (1991). The residence offers living, meeting and chapel facilities for 30 Jesuit priests, scholastics and brothers who staff and serve the University.

◆ **St. Francis Xavier Church** (1950). SFX is a parish church adjoining the campus, where students may attend Mass and which the University uses for some services.

Science Laboratories

Major grants from government and private sources have enabled the University to provide 70,000 square feet of modern facilities for teaching and research in the Division of Natural, Applied and Quantitative Sciences. Facilities within Richardson Science Center and Van Ackeren and Sedgwick Hall are designed to encourage faculty, student, or faculty-student cooperative research.

In the fall of 1996, the Richardson Science Center opened, housing the faculty and laboratories of the Departments of Biology, Chemistry, Computer Science, Mathematics and Physics. Additionally, this facility includes laboratories for the Occupational Therapy Education and Physical Therapy Education graduate programs, two student resource centers, two computerized classrooms, two multi-media auditoriums, and two seminar rooms.

The Department of Biology has five laboratories equipped for general and advanced courses, and a student research laboratory in the facility.

The Department of Chemistry maintains seven instructional laboratories, including two devoted entirely to instrumentation, plus two research laboratories. Nuclear magnetic resonance, infrared, ultraviolet, visible and mass spectrometers, including Fourier transform instrumentation, are maintained for student use in all classes and individual research projects. Instrumentation is also available for gas and liquid chromatography, atomic absorption spectrometry, and electrochemistry.

The Department of Mathematics, Computer Science and Physics maintains separate laboratories for general physics, advanced physics, computer engineering, and network analysis. The department also maintains a laboratory of Linux and Macintosh workstations for use in upper-division classes. In addition, the department maintains the James and Elizabeth Monahan Student/Faculty Research Laboratory for the use of students majoring in one or more of the three departmental disciplines.

The Departments of Occupational Therapy Education and Physical Therapy Education maintain two Clinical Procedures laboratories, two Daily Living laboratories, one gymnasium-type laboratory and one research laboratory.

All science students have access to hundreds of up-to-date PCs across campus. In addition, students with their own computers can also access the Internet through the new campus-wide wireless network.

Library Facilities

Greenlease Library

Fall and Spring semester hours:
Monday - Thursday  8 a.m. - 12 midnight; Friday 8 a.m. - 4:30 p.m.
Saturday 12 noon - 4:30 p.m.; Sunday 12 noon - 12 midnight

The Greenlease Library is located on the northwest corner of the quadrangle. It is a member of the Missouri MOBIUS academic library consortium. The library’s resources number over 380,000 items and include books, print and electronic journals and newspapers, microfilm, microfiche, compact discs, audiocassettes, videocassettes and slides. It is a member of the Federal Depository Library Program and receives hundreds of United States government documents each year. The Greenlease Library subscribes to electronic databases covering a wide variety of curriculum areas, including Lexis-Nexis
Academic, Gale Business and Company Resource Center, JSTOR, OCLC FirstSearch, Ebscohost, and many others. Research assistance is provided by professional librarians as well as reference assistants and is available during all business hours. Library resources are supplemented by participation in national interlibrary loan agreements. Facilities include seating for 500 persons, an assistive technology computer station, a computer lab, group study rooms and photocopiers. The library’s website is at http://www.rockhurst.edu/services/library. Intercession and holiday hours are posted on the website when appropriate.

The Carl Ferris Medical Library for Research College of Nursing is located on the A level of the Research Medical Center. Of the more than 400 journals to which the library subscribes, approximately 118 are directly related to nursing. The common indexes to nursing and health science literature are available. Courier services facilitate acquisition of desired material available through other Kansas City libraries. The reference librarians offer assistance in finding needed information, and an electronic search capability offers quick, complete bibliographic data on selected topics.

Computer Services

The academic and administrative computing systems that are supplied and supported by Computer Services are of great importance to the Rockhurst Community. Computer Services consists of 14 staff members and encompasses the helpdesk, desktop support, computer programming, faculty development, and network administration.

The infrastructure at Rockhurst University is a hybrid system, providing both wired and wireless networking access from any building on campus. Every residence hall has a wired network port for every student that it houses, along with wireless access for convenient computing. The Rockhurst community has access to over 250 computers running Windows XP in various labs across campus. There are a number of available open physical network ports, a campus-wide wireless network, and three 24-hour computer labs. As a result, network and internet resources have never been more accessible. Access to the campus network is not limited to the geographical boundaries of the campus, thanks to a secure web-based VPN solution, which is available to all members of the community. One of the main focuses for Computer Services is making any technology asset available at any time and from anywhere.

Computer Services works closely with Dell and HP as its core computing hardware platforms and Cisco as its core networking platform. With over 35 Dell servers running Microsoft Window Server and nearly 800 desktops and laptops, Dell has proven to provide the level of quality that is expected by Rockhurst students, faculty and staff. The University’s administrative system runs on three Alpha servers, using the Open VMS operating system. This system uses Oracle database software and front-end applications from SungardSCT and Evisions.

For more information about Computer Services and what they provide for the campus, visit the web at www.rockhurst.edu/services/computer/index.asp.

Research College of Nursing Facilities

Since 1963, Research Medical Center has been located on a 60-acre site at 2316 Meyer Boulevard in Kansas City, Missouri. As one of the region’s leading acute care hospitals, the 511-bed facility features a broad range of highly specialized, state-of-the art services and serves patients from a 150-mile region. For more information, visit www.researchmedicalcenter.com.

Research College of Nursing is accredited by the Commission on Collegiate Nursing Education. It is also accredited by The Higher Learning Commission and is a member of the North Central Association, and is approved by the Missouri State Board of Nursing.
ROCKHURST TRADITIONS

Historical Highlights

1908  
Bishop John J. Hogan approved purchase of land for a Jesuit college.

1909  

1910  
Charter for awarding degrees was granted to Rockhurst by the state of Missouri.

1914  
Academic life began with opening of high school in Sedgwick Hall.

1917  
First college classes began with Rev. Alphonse Schwitalla, S.J., as the only faculty member.

1921  
First class was graduated. First honorary degree was awarded to Marshal Ferdinand Foch. First Master's degree to J. Zack Miller III.

1922  
Dowling Hall, the first college building, was completed.

1927  
Rockhurst Circle was organized. Wilfred C. Bourke Field was completed.

1931  
Honorary Directors Association was formed.

1933  
Evening Division of College was established.

1937  
Conway Hall classroom building was completed.

1938  
Mason-Halpin Fieldhouse was dedicated to former Hawk coaches.

1939  
North Central Association granted accreditation to Rockhurst College.

1940  
First resident students were housed in Dowling Hall.

1946  
Division of Business Administration was organized.

1950  
St. Francis Xavier Church was dedicated.

1953  
Francis Cardinal Spellman was honored guest at first Rockhurst Day.

1954  
Jesuit faculty residence was dedicated.

1955  
Board of Regents was established.

1956  
Visiting Scholar Lecture Series was initiated.

1957  
Massman Hall and Xavier-Loyola Hall, student residence, were dedicated.

1959  
Fourth floor was added to Conway Hall.

1962  
Honors program was initiated. Corcoran Hall, student residence, was completed. Rockhurst High School moved to Greenlease Memorial Campus.

1964  
Hawks won N.A.I.A. basketball championship.

1965  
Cooperative Education Program was established.

1966  
McGee Hall, student residence, was dedicated. Junior Year Abroad program was introduced.

1967  
Greenlease Library was dedicated.

1968  
Library Guild was founded.

1969  
College became coeducational in all divisions. President's Roundtable was formed.

1973  
Physical Education and Convocation Center was completed.

1975  
Van Ackeren Gallery of Religious Art opened. Graduate business courses initiated.

1976  
Master of Business Administration degree program initiated. Jesuit residence named Van Ackeren Hall in honor of Father Van Ackeren's 25th year as president.
1977
Lay members added to Board of Trustees; the Rev. Maurice E. Van Ackeren, S.J., appointed chancellor; the Rev. Robert F. Weiss, S.J., inaugurated as 10th president. Season of the Arts program was established.

1978
Executive Fellows Program began.

1979
Bachelor of Science in Nursing degree program was approved in conjunction with Research College of Nursing.

1980
Major renovation of Conway and Sedgwick halls was completed. Mabee Theater and campus entryway were dedicated.

1982
Corcoran Hall and Massman Hall Rock Room were renovated. First annual Rockhurst Week was held.

1983
School of Management was established. The Heritage Society was initiated. The Bachelor’s program in Physical Therapy was established.

1984
Conference Center addition to Massman Hall was completed. Mabee Chapel was dedicated.

1985
75th anniversary of the Rockhurst College charter was celebrated. Harry B. Kies Award was established to honor exemplary members of the College community.

1986
First endowed academic chairs were established—the Joseph M. Freeman, S.J., Chair in Philosophy and the George and Gladys Miller Chair in Business Administration. Thomas F. Eagleton Visiting Professorship was established.

1987
Research College of Nursing received North Central Association accreditation. Jesuit community established a scholarship for minority and needy students.

1988
Rev. Thomas J. Savage, S.J., was inaugurated as 11th president. Research College of Nursing received National League for Nursing Accreditation. Global Studies offered.

1989
Master’s program in Occupational Therapy established. Center for Arts and Letters was established.

1990
A Campus Master Plan was announced. The plan takes the College into the next century and was developed with input from students, faculty, staff and the neighborhood.

1991
Rockhurst College Continuing Education Center, Inc., was established. RCCEC acquired National Seminars, Inc. A new Jesuit residence was built and renovation of Van Ackeren Hall for academic use initiated.

1992
The $35 million “Renewing Commitments” Campaign for Rockhurst was announced. Alumnus and former faculty member Aubrey P. Richardson led the way with a $12 million gift.

1993
Rockhurst joined Saint Louis University in opening Ignatius Center, the south campus location, one block south of I-435 at 106th and Wornall Road. Master’s program in Physical Therapy was established.

1994
Construction began on the Aubrey Richardson Science Center. Town House Village opened. “Sacred Encounters: Father DeSmet and the Indians of the Rocky Mountain West,” a major exhibit, opened at Ignatius Center. A new core curriculum was implemented, organized around the seven classical modes of inquiry.

1995
Rockhurst approved a new five-year strategic plan. The Rev. Thomas J. Savage, S.J. announced a search process for his successor after leading the College to eight years of growth in students, in the size of the campus and in national recognition.

1996
Rockhurst completed the “Renewing Commitments” Campaign with the first Rockhurst Gala. The campaign raised $41.4 million for new and renovated facilities, endowed scholarships, faculty chairs and other projects. The College also opened the $7 million Richardson Science Center. The Rev. Peter B. Ely, S.J. was inaugurated as 12th president.

1997
Rockhurst opened the School of Professional Studies, offering baccalaureate degrees in organizational leadership, organizational communication and computer technology.

1998
Rev. Edward Kinerk, S.J., ’64, became the 13th president of Rockhurst College. A campus-wide technology plan was approved by the Board of Trustees. A new Communication Sciences and Disorders bachelor’s degree program was offered in partnership with Saint Louis University.
1999
Rockhurst changed its name from Rockhurst College to Rockhurst University. Construction began on quadrangle expansion, Greenlease Gallery of Art, and Student Activities Center. University completed purchase of properties needed for Loyola Park expansion.

2000
The University celebrated completion of a $10 million construction project, which included: moving the main entrance from 53rd to 54th St.; creation of a pedestrian mall at 53rd St.; construction of a 90-foot bell tower; a new pergola and fountain; and the Greenlease Gallery of Art. A Catholic Studies Center was established to explore and study the rich traditions of the Catholic Church.

2001
A $50 million capital campaign was launched, with most of the funds slated for construction and renovation of facilities. The School of Management changed its name to the Helzberg School of Management, in recognition of donors Barnett and Shirley Helzberg. The University launched a master of education degree in an effort to address the national teacher shortage.

2002
Conway Hall was reopened following a $6.5 million renovation. The renovation included technological improvement such as computer labs and “smart” classrooms with multimedia capabilities.

2003
The completion of the Excellence in the City $50 million campaign was celebrated, with $50.5 million raised. Rockhurst Day was renewed as a campus tradition. The Loyola Park Baseball stadium was inaugurated. A clinical doctorate (DPT) was established in Physical Therapy.

2004
Rockhurst launched the first bioinformatics bachelor’s degree in the Kansas City area. The University also added a bachelor’s degree in biochemistry. Plans for a $19 million student health and wellness complex were unveiled. Softball was inaugurated as the 11th varsity sport on campus.

2005
The University completed installation of the first campus-wide wireless network of any university in the Kansas City area. The campus welcomed the largest freshman class in 10 years, 370 students, up 50 percent from 2003.

Presidents of Rockhurst University

1910-1915
Rev. Michael P. Dowling, S.J.

1915-1918
Rev. Aloysius A. Breen, S.J.

1918-1924
Rev. John A. Weiand, S.J.

1924-1928
Rev. Arthur D. Spillard, S.J.

1928-1933
Rev. William P. Manion, S.J.

1933-1940
Rev. Daniel H. Conway, S.J.

1940-1945
Rev. William H. McCabe, S.J.

1945-1951
Rev. Thomas M. Knapp, S.J.

1951-1977
Rev. Maurice E. Van Ackeren, S.J.

1977-1988
Rev. Robert F. Weiss, S.J.

1988-1996
Rev. Thomas J. Savage, S.J.

1996-1997
Rev. Peter B. Ely, S.J.

1997-1998
Janet Watson Sheeran, Ph.D. (Interim)

1998-2006
Rev. E. Edward Kinerk, S.J., ’64

2006-
Rev. Thomas B. Curran, O.S.F.S.
Endowment Fund
To improve its fiscal stability, Rockhurst has developed a permanent endowment fund invested to provide continuing income in support of various programs and activities of the University. The major portion affords financial assistance to students as directed by the donors.

Cultural Opportunities
◆ The Robert R. Lakas, S.J., Memorial Fund was established by the friends of the former professor of English whose desire was to share his appreciation of the fine arts—literature, music, art, and theater. Support from this fund provides opportunities for students and the community to enjoy special programs and performances annually.

◆ The Helen G. Bonfils Endowment for the Fine and Performing Arts was established at Rockhurst University in 1976. Inspired by the Victor Hugo apothegm inscribed on the south face of the Nelson-Atkins Museum of Art — “It is by the real that man exists; it is by the ideal that he lives”—Rockhurst University has used the endowment to promote contact between its students and the fine and performing arts.

◆ The Visiting Scholar Lecture Series was established in 1955-56 in order to enrich the intellectual life of the University and to provide free public lectures for the Rockhurst and Kansas City communities. Guests of national and international repute discuss timely and timeless subjects. Permanent funds endowing the program have been established by Roy A. Roberts, former editor of The Kansas City Star; by the Honorable Henry Bundschu, judge and member of a pioneer family in Independence and Kansas City; by the Kansas City Association of Trusts and Foundations; by Jo Zach Miller, Jr., in honor of Charles M. Charroppin; by the family of the Rev. William L. Rossner, S.J., long-time professor of philosophy at Rockhurst; and by a gift from Edwin G. Borserine to honor both the Rev. Vincent F. Daues, S.J., founder and long-time director of the Series, and Alpha Sigma Nu, the Jesuit Honor Society.
The Visiting Scholars

1955-1956
André Mercier
Père Paul Henry, S.J.
Rev. Josef Nuttin

1956-1957
Rev. John Courtney Murray, S.J.
Rev. John C. Ford, S.J.
Rev. Joseph Owens, C.Ss.R.
Rev. John L. Thomas, S.J.

1957-1958
Saul S. Weinberg
Lt. Gen. James H. Doolittle
Col. Thomas C. Lanphier Jr.
Senator Stuart Symington
Edward Teller
Sister M. Madeleva, C.S.C.
Clarence K. Streit
Rev. Henri Renard, S.J.

1958-1959
Erik Ritter von Kuehnelt-Leddihn
Rev. Bruce Vawter, C.M.
Rev. Gerald B. Phelan
Rev. Thurston N. Davis, S.J.

1959-1960
Robert Frost
Anton Charles Pegis
Samuel Eliot Morison
William F. Albright

1960-1961
Rev. Joseph M. Bochenski, O.P.
Francis J. Braceland
Harlow M. Shapley
Allan Nevins
Etienne Gilson

1961-1962
Cleanth Brooks
Jerome Gregory Kerwin
Henry A. Kissinger
Dexter Perkins
Barbara Ward
R. Buckminster Fuller
André Girard
Hans Schwieger
Rev. C.J. McNaspy, S.J.

1962-1963
Rev. Clifford Howell, S.J.
Clinton Rossiter
Roger D. Reid
George Bagshawe Harrison

1963-1964
Peter J.W. DeBey
Douglas Hyde
Paul Engle
James D. Collins

1964-1965
Marguerite Higgins
Harold Clurman
Rev. Virgil C. Blum, S.J.
Hon. Charles Malik
Rev. Roland de Vaux, O.P.
Bernard Cardinal Alfrink

1965-1966
Samuel John Hazo
Ferenc Nagy
Ruth Mary Fox
Rev. Francis X. Murphy, C.Ss.R.
John Canaday

1966-1967
Rev. Hans Kung
Cornelius Ryan
Edward Albee
Alan Lomax

1967-1968
Maynard Mack
Edward Schillebeecks, O.P.
Robert C. Weaver
Constantinos Doxiadis
Ian L. McHarg
James B. Reston
Walter W. Heller

1968-1969
Bernard J. Lonergan, S.J.
Haynes Johnson
Rollo May
Sir Tyrone Guthrie

1969-1970
John A. McLaughlin
Victor C. Ferkiss
Rev. Walter J. Ong, S.J.
James A. Lovell

1970-1971
Harry A. Schwartz
George Marek
Fernando Belaunde-Terry
Michael Harrington

1971-1972
Edwin O. Reischauer
James M. Gustafson
John Kenneth Galbraith

1972-1973
Gail and Thomas Parker
George Romney
Arthur Schlesinger Jr.
Nathan A. Scott Jr.

1973-1974
Rev. Robert North, S.J.
Nila Magidoff
Cornelio Fabro
Paul Ramsey

1974-1975
Bill Schustik
John Hope Franklin
Howard James
Hon. Floyd R. Gibson
Russell Millin
Willard Bunch
Hon. Harold Holliday Sr.
Ralph Martin
Robert Sigman
Austin Van Buskirk
John E. Mee

1975-1976
Elizabeth Janeway
Martin E. Marty
Anthony Burgess
Daniel Bell
Henry Steele Commager

1976-1977
Louis L’Amour
John T. Noonan Jr.
Clare Hollingworth
Herbert Baumel
Alfonzo Ortiz

1977-1978
Frank Manley
Rev. David Tracy
Clarence C. Walton
Captain Grace Murray Hopper, U.S.N.
L’Abbé German Marc’hadour
1978-1979
Rev. Walter J. Burghardt, S.J.
David S. Broder
Jack Reynolds
Thomas Hoving

1979-1980
John Macquarrie
Wayne Clayson Booth
Lerone Bennett Jr.
Garry Wills
Rev. William Sloane Coffin, Jr.
Admiral Elmo R. Zumwalt, Jr.

1980-1981
Anthony Lewis
Ralph McInerny
Rev. Robert Drinan, S.J.
Lester Carl Thurow
Paul Craig Roberts
Natalie Hinderas
Yale Brozen

1981-1982
Rev. Joseph A. Fitzmyer, S.J.
David D. Burns
Fritjof Capra
Robert E. White

1982-1983
Mortimer J. Adler
Stanley Siegel
Erik Ritter von Kuehnelt-Leddihn
Malcolm Toon
James MacGregor Burns
Alfred Kahn

1983-1984
Rev. Jared Wicks, S.J.
Rev. Ladislas Orsy, S.J.
Jonathan D. Spence
Jerry Lee Jordan
Ernest L. Boyer
Edmund S. Wehrle

1984-1985
Vernon J. Bourke
Rev. David Gill, S.J.
Jean-Michel Cousteau
Robert Farris Thompson
Stanton Samenow
William Poole

1985-1986
Col. John Cottrell
Jeremy Rifkin
Rev. Avery Dulles, S.J.
Jaroslav Pelikan
Rabbi Marc H. Tanenbaum
Rev. William Byron, S.J.
Jean Dietz Moss
Rev. William Wallace, O.P.
Owen Gingerich
Malcolm Miller
Leif Olsen

1986-1987
Amb. Philip Habib
Rev. Piet Schoonenberg, S.J.
Rev. Robert C. Baumiller, S.J.
Bert Hornback
Malcolm Miller
Rev. W. Norris Clarke, S.J.

1987-1988
Loret Miller Ruppe
Guido Fernandez
James F. Scott
Rev. James Hennesey, S.J.
Rev. Leo Sweeney, S.O.
John T. Noonan Jr.

1988-1989
Richard Neuhaus
Rev. Martin McCarthy, S.J.
Fred Barnes
Thomas Flanagan
Rev. Theodore M. Hesburgh, C.S.C.

1989-1990
Rev. Peter Milward, S.J.
Monika Hellwig
Arthur L. Caplan
Robert Jay Lifton
John M. Merriman
Harry Edwards
Rev. Jon Sobrino, S.J.

1990-1991
Rev. Marvin R. O’Connell
Julie Roy Jeffrey
Robert Collier
Rev. Robert Brungs, S.J.
Charles E. Rice
Rev. John Powell, S.J.
Rev. George Hunt, S.J.

1991-1992
Sr. Mary Clark, R.S.C.J.
Adele Dutton Terrell
Marion Montgomery
Rev. Richard P. McBrien
Sidney Callahan
Eoin McKiernan

1992-1993
Clarence Page
Catharine Stimpson
Theodore Hamerow
James Shenton
Mary Jo Nye
Rev. Gerald McCool, S.J.
Rev. Carl Starkloff, S.J.

1993-1994
Rev. Robert Barth, S.J.
Rev. Stanley Jaki
Bel Kaufman
Al Eaton
Joseph Pappin
Jacob Neusner

1994-1995
Zev Kedem
Rev. Richard Blake, S.J.
Christina Hoff Sommers
Rev. Brian Davies, O.P.
Paula Rothenberg
Cardinal Joseph Bernardin
Rev. J. Bryan Hehir

1995-1996
Paul Lombardo
H. James Birx
Rev. John Kavanaugh, S.J.
William Eckhardt
Teinette Eugene
Cardinal Roger Mahony
Rev. Michael Himes

1996-1997
Michael Medved
Professor Timothy McDermott
Rev. Leonid Kishkowsky
James Q. Wilson

1997-1998
Stanley Fish
Rev. Raymond Brown
Dallas Willard
Gertrude Himmelfarb
### Endowed Scholarships

Generous friends have made gifts and bequests to establish the following permanent scholarship funds, providing stability of income for student tuition assistance.

**1998-1999**
- Joseph E. Persico
- Peter Awn
- Leroy Hood
- David Lehman
- Rt. Rev. Msgr. Robert Sokolowski

**1999-2000**
- Helen Thomas
- Richard Bernstein
- Jody Williams
- Cyprian Davis, O.S.B.
- Maxine Greene
- Linda Zagzebski

**2000-2001**
- The Rev. Kevin Burke, S.J.
- Mary E. Shaw
- Rigoberta Menchú Tum
- Steven Benson
- Jean B. Elshtain
- David J. O’Brien
- The Rev. Robert J. Schreiter
- Daniel Callahan

**2001-2002**
- Edmund Pellegrino
- Mairead Corrigan Maguire
- Kenneth Goodpaster
- The Rev. Terrence Dempsey, S.J.
- The Rev. James V. Shall, S.J.
- J. Matthew Ashley

**2002-2003**
- Garry Wills
- Oscar Arias
- Daniel Dombrowski
- R. Scott Appleby
- John L. Esposito
- Bill Kurtis

**2003-2004**
- Chris Hedges
- Corey Flintoff
- Adolfo Pérez Esquivel
- Tom Fox
- Jorge Gracia
- Michael Cuneo

**2004-2005**
- John Foreyt
- Terrence Roberts
- Mark Nanos
- José Ramos-Horta
- The Rev. Ronald Rolheiser, O.M.I.
- Dava Sobel
- Jude Dougherty
- Kathleen Mahoney

**2005-2006**
- David A. Prentice
- Kevin Willmott
- Sen. George J. Mitchell
- The Rev. Charles M. Shelton, S.J.

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**Endowed Scholarships**

- **The AFL-CIO Scholarship (William Green Memorial)**, established to honor the former president of the American Federation of Labor, William Green. Open to all full-time undergraduate students.


- **The Paul D. Arend Scholarship**, created through the estate of Paul Arend, who was associated with Rockhurst for more than 35 years as a student, teacher of economics and Registrar. Mr. Arend believed strongly in a Catholic education. Although Mr. Arend did not have children of his own, he devoted over 50 years to the Boy Scouts of America as scoutmaster. Open to full-time undergraduate students.

- **The Athletic Assistants’ Scholarship**—established by members of the Rockhurst University Athletic Hall of Fame to provide tuition assistance to students who act in a supportive role to an athletic team and who contribute in some significant way to athletics at Rockhurst University. The scholarship recognizes that students can participate in the Rockhurst athletic program without competing on an athletic field.

- **The Ronald Virgil Bartels Scholarship**, established in 2000 by Monica Bartels, sister of 1963 Rockhurst alumnus, Ronald Bartels, for deserving Rockhurst University students.

- **The William F. Bartholomew Scholarship**, established in 1972 by the friends of William F. Bartholomew, a Rockhurst administrator for 25 years, to provide financial assistance to students, with special consideration given to those from large families.

- **The Edward and Margaret Bessenbacher Scholarship**, established by Jim Bessenbacher and his sister, Helen, in honor of their parents, Edward and Margaret, for students who meet the requirements for admission to Rockhurst.

- **The Edward L. Biersmith III Scholarship**, founded by Edward L. Biersmith III, ’63 and his mother, Helen Kramer Biersmith, for students majoring in philosophy. Recipients must have and maintain a 3.0 GPA or better in courses in theology and philosophy.

• The Louis H. Borserine, Jr. Scholarship, sponsored in memory of Louis Borserine, Jr., a Rockhurst alumnus and benefactor, by his wife, Kathleen and his brother, Edwin. Open to full-time undergraduate students.


• The Dr. Joseph F. Bredeck Memorial Scholarship, founded by his family to honor a distinguished health commissioner of St. Louis, Missouri, 1933-1948. Open to full-time undergraduate students.

• The John W. Breidenthal Memorial Scholarship—established by Mrs. John W. Breidenthal in memory of her husband, a Kansas banker and civic leader, to provide financial assistance to help students achieve a good college education. Open to full-time undergraduate students.

• The Joseph G. and Linda Buehler Scholarship—founded by the family in 2001 in appreciation of Rockhurst University. Preference is given to full-time students with outstanding academic potential who demonstrate need for financial assistance.

• The James E. Burke Scholarship was founded by the family in 1982 to honor him. Open to full-time undergraduate students.

• The Mary Therese Byrne Puchi and Dr. Joseph Byrne, Sr. Scholarship Fund—established by family and friends of Mary Therese Byrne Puchi, including Dr. Joseph B. Byrne ’37 (father), Katherine Byrne (mother), Edmundo Puchi (husband), and Eddie and Katherine Puchi (children). The scholarship is awarded to young women on the basis of academic accomplishment.

• The George B. Byrnes Scholarship—established by George B. Byrnes, former Rockhurst student, in appreciation of the support that was given him by the Jesuits and his classmates during the Depression years. The scholarship is awarded to students showing financial need who are interested in extra-curricular activities, with preference to those with physical conditions that may impair their ability to work in support of their tuition requirements.

• The Tommy Joe Caenen Memorial Scholarship—funded by Mr. and Mrs. Thomas J. Caenen in memory of their son. Recipients shall be seniors majoring in the sciences and pre-medical studies, alternating annual awards with pre-legal studies or business. Preference given to qualified students in evening programs.

• The Charles Family Scholarship, established in 2002 by Dan Charles, class of 1988, and Mary Brady Charles, class of 1989, to assist deserving students at Rockhurst University.

• The Herbert and Maxine Christensen Scholarship—created by a bequest from Mr. Herbert Christensen in 2001. Open to full-time undergraduate students.

• The St. Peter Claver Scholarship was established in 2006 by the friends, family, and colleagues of Fr. Edward Kinerk, S.J., 13th president of Rockhurst University, in recognition of his unselfish devotion to the students of the University. At the request of Fr. Kinerk, the scholarship bears the name of St. Peter Claver, a 17th century Jesuit who devoted his life to the poor and oppressed. This scholarship is to be awarded to an entering undergraduate student who shows significant financial need.

• The Louetta M. Cowden Scholarship was established in memory of Louetta M. Cowden by the trustees of the Louetta M. Cowden Foundation. Open to full-time undergraduate students.

• The Critical Investments Scholarship Program—established in 1995 to provide educational assistance for non-traditional women students (over the age of 24) who have experienced disadvantages in the pursuit of their education. Undergraduate students enrolled in the School of Graduate and Professional Studies are invited to apply for awards from this fund along with other undergraduates enrolled at Rockhurst University.

• The Edith and Harry Darby Scholarship, established by the Edith and Harry Darby Foundation to provide assistance to students who exemplify academic excellence and leadership qualities. Preference is given to students in their junior and senior years.

• The Vincent P. Dasta, Sr. Scholarship, established by Vince Dasta, Jr., in honor of his father, to assist full-time undergraduate students who demonstrate need of financial assistance.

• The Graham Davis Memorial Scholarship, created in memory of Graham Davis, an ’89 MBA graduate and PT student at the time of his death. The scholarship is for non-traditional students (those over the age of 24) enrolled in the Physical Therapy Program. Students must submit a completed application to the Chair of
the Physical Therapy Department by October 1 of each year.

- **The Ilus W. Davis Fund**—initiated through gifts of Ilus W. Davis, former mayor of Kansas City, Missouri, and member of Rockhurst’s Board of Trustees and Regents. Open to full-time undergraduate students.

- **The Mary A. DeClerk Memorial Scholarship**—established by a bequest to assist deserving students. Open to undergraduate students.

- **The Al and Margaret Denzer Scholarship** was established by Al and Margaret Denzer’s five children and other family members as a lasting memorial to their love of Rockhurst. Preference is given to assist students majoring in accounting or economics.

- **The Thomas F. Denzer, S.J., Endowed Scholarship** for students of economics was established in 1998 by an initial gift from the Rockhurst University Library Guild to honor Fr. Denzer, who served the University from 1963 to 2002 as Professor of Economics, Director of Planned Giving, Chairman of the Board of Trustees, Associate Chancellor, and Professor Emeritus. The scholarship assists deserving students pursuing undergraduate degrees in accounting or finance.

- **The Francis McDonnell Dierks and Margaret Muser Dierks Scholarship**, funded by a bequest of Francis McDonnell Dierks, an alumus, and by gifts of his wife, Margaret Muser Dierks, in support of deserving Rockhurst students. Open to full-time undergraduate students.

- **The Gary Dierks Family Scholarship**, established in 2004 by Gary A. Dierks, a 1990 Rockhurst alumnus. The scholarship assists students from the St. Louis metropolitan area who graduate from Catholic High Schools and whose declared major is business administration, accounting, finance or economics. Recipients will be enrolled full time and demonstrate significant financial need. Preference given to students who graduate from St. Pius X High School.

- **The James R. Dierks Scholarship**, created by a bequest from the estate of James R. Dierks, a 1937 alumnus, and gifts from his wife, Jeanne Dierks, in support of deserving Rockhurst students. Open to full-time undergraduate students.

- **The Alfred J. and Helene M. Dill Scholarship**—established by the bequest of Mrs. Helen Dill in 2001. The fund provides a deserving full-time student enrolled at Rockhurst University with a full tuition scholarship. Open to full-time undergraduate students.

- **The Joseph William and Catherine E. Donnelly Scholarship**, established in 2003 by Michael F. Donnelly, class of 1963, to honor the memory of his parents. The scholarship will assist worthy students attending Rockhurst University.

- **The Terrance E. Downer Scholarship**, established in 1998 by Terry Downer, class of 1960, as a legacy to be passed to future generations.

- **The William C. Doyle Memorial Scholarship** honors the memory of Rev. William C. Doyle, S.J., whose dedication and deep concern for others were an example to students and faculty for 45 years as a professor of mathematics and physics. The fund assists deserving mathematics and physics majors.

- **The Duncan Family Scholarship**—established to honor the Duncan family and provide tuition assistance to students who might not otherwise be able to complete their undergraduate degree at Rockhurst University. Awarded to juniors and seniors who are majoring in a liberal arts or science program, who demonstrate need for financial assistance and have a cumulative grade point average of 2.9 or better. Recipients must be enrolled full time. If recipients are juniors, they must be reside in campus housing. Preference given to descendents of Naomi I. Long and Linda I. Duncan in awarding the scholarship.

- **The J. Ernest Dunn, Sr., Memorial Fund**—founded by Mrs. Rose Dunn to honor her husband, a charter member of the Rockhurst Regents. Provides grants to worthy students, with special consideration given to Latino-American students.

- **The Donna Edell Scholarship**—established by her husband, Jack Shumway, for students working in the field of natural sciences, demonstrating financial need and without restriction to academic merit.

- **The G. Berenice Elders Fund** was established by the bequest of G. Berenice Elders to honor the memory of her parents, Dr. and Mrs. H. Will Elders, and other members of her extended family. The fund was created to support the Jesuit community and Rockhurst University in providing a Catholic, Christian education for deserving students.

- **The E. Frank and Janice E. Ellis Endowed Scholarship**—established by E. Frank and
Janice E. Ellis in 2003. The purpose of the scholarship is to provide tuition assistance to students who might not otherwise be able to attend Rockhurst University. The scholarship is to be awarded to a student who lives in the inner city of Kansas City, Missouri, and who demonstrates need for significant financial assistance, without regard for ethnic background, gender, or intended field of study. The student must demonstrate dedication to, and progress towards, leadership in service to others, which may be evidenced by a record of service to school, church, or community.

- The Philip J. Erbacher Trust—established by the estate of Philip J. Erbacher. Mr. Erbacher, a 1935 graduate and valedictorian of Rockhurst University, was a distinguished lawyer, university professor and author. Open to full-time undergraduate students.

- The Executive Fellows Nonprofit/Minority Scholarship, sponsored by the alumni of the Executive Fellows Program and Rockhurst University, is available to men and women working in the greater Kansas City metropolitan area.

- The Anthony Fasenmyer Scholarship, founded by A.C. Fasenmyer III to honor the memory of his father. Open to full-time undergraduate students.

- The T. J. Fleming Scholarship, established by his wife in memory of this longtime friend and Honorary Director of Rockhurst. Open to undergraduate students.

- The Arthur A. Forster Scholarship—established by Arthur A. Forster, member of the first graduating class of Rockhurst. The scholarship will assist students who are academically qualified and who have need of financial assistance.

- The Rev. Joseph M. Freeman, S.J., Scholarship—established by Col. Martin J. Flaherty in 2001 to honor the Rev. Joseph M. Freeman, S.J., a long-time professor at Rockhurst University. Preference is given to honorably discharged veterans of a U.S. military service branch or individuals still serving in the U.S. military, National Guard, or Reserves, without regard to need or academic status, who have families to support.

- The Friedl-Kies Scholarship—established by Mr. and Mrs. Harry Bonfils for students who are interested in studying economics.

- The Genevieve Geiger Nursing Scholarship, established in 1999 by a bequest of Ms. Geiger. This fund supports pre-nursing and nursing students at Rockhurst University and Research College of Nursing.

- The May S. Geiger Scholarship Fund, established by gifts and a bequest of a longtime friend of Rockhurst University to aid worthy students. Open to full-time undergraduate students.

- The R. McRae “Mac” Geschwind Scholarship Fund, established in 2000 by Mr. R. McRae Geschwind, class of 1963, member of the Board of Regents and the Heritage Society at Rockhurst University, for deserving full-time undergraduate students who have demonstrated financial need. “Mac” was involved in student government, campus media and campus theatre. Geschwind Scholars will have a sound academic record and extraordinary involvement in school and community. Recipients will be expected to exemplify “Learning, Leadership and Service in the Jesuit Tradition.” Preference given to nieces or nephews of R. McRae or Elaine Geschwind.

- The Dr. Joseph P. Glas Scholarship, established in 1994 by Dr. Joseph P. Glas, class of 1960, for declared biology, chemistry or physics majors with demonstrated financial need.

- The Mary Agnes Goeke Scholarship, established in 2001, to assist hard working young women and men in obtaining a Catholic education at Rockhurst University. Open to full-time undergraduate students who demonstrate need for financial assistance.

- The Golden Hawks Scholarship, created by Rockhurst alumni who graduated at least 50 years ago. The scholarship aids students who encounter financial difficulties while enrolled at Rockhurst. Open to full-time undergraduate students.

- The Goppert Scholarship Fund, established by Mr. and Mrs. Clarence H. Goppert and the Goppert Foundation to provide assistance to students demonstrating significant financial need. Open to full-time undergraduate students.

- The Eleanor V. Gray Scholarship, established in 2002 by Miss Gray to assist full-time undergraduates at Rockhurst University who demonstrate need for financial assistance and wish to prepare for a career as a teacher.
• The Michael J. Hardy Memorial Scholarship, established by the friends and family to honor the memory of Mike Hardy, a Rockhurst University student and rugby team member. Open to full-time undergraduate students.

• The Hayes Minority Scholarship, established in 1999 by John Hayes, Jr., 1959 alumnus, and his wife Gene. This scholarship benefits minority students at Rockhurst University.

• The William Randolph Hearst Scholarship, established in 1984 by the William Randolph Hearst Foundation to assist deserving Rockhurst students. Open to full-time undergraduate students.

• The Thomas F. Heitlinger Scholarship, established in 1998 by Louis J. Heitlinger in honor of his brother Thomas, who died at a young age. This scholarship supports English majors with a minimum grade point average of 3.2 who demonstrate financial need.

• The Anthony J. Heydon Memorial Scholarship, established by his wife, Ilva, and friends to honor the memory of Anthony J. Heydon, investment banker and Honorary Director. Open to full-time undergraduate students.

• The Mark B. and Patrick M. Higgins Memorial Fund provides grants to worthy students with particular consideration given to members of Alpha Delta Gamma fraternity. Established by the family of Mark B. and Patrick M. Higgins.

• The Hilke Scholarship, in memory of the Rev. George C. Hilke, S.J., who served Rockhurst University in many different capacities and who helped establish the Rockhurst Alumni Association. Open to full-time undergraduate students.

• The Robert F. Hoefer Memorial Fund honors Robert F. Hoefer, 1953 alumnus and Trustee, and provides financial assistance to students with special consideration given to those interested in finance or business administration.

• The Honorary Directors Association Scholarships, provided through the perpetual memberships of more than 320 persons in their own names or as memorials to former directors. Established in 1931. Open to full-time undergraduate students.

• Honorary Directors Jerome Patrick Dobel Fund, established in 2002 by his family, to pay tribute to his life and to affirm the values and priorities that guided him in all that he did.

• Honorary Directors Daniel Haake Fund, established in 2001 by Daniel Haake, a 1973 alumnus and member of the Honorary Directors Association.

• Honorary Directors Barnett Helzberg Fund, established by Barnett and Shirley Helzberg in 1999.

• Honorary Directors Al and Mary Helen Kleinman Fund, established in 2003 by Michael and Patricia Kleinman, to honor his parents Al and Mary Helen Kleinman.

• Honorary Directors John A. Magers Fund, created by John Magers, a 1940 alumnus and member of the Honorary Directors Association.

• Honorary Directors Jo Zach Miller Fund, established in 1999 by Jo Zach Miller, a perpetual member of the Honorary Directors Association.

• Honorary Directors Ruth H. O’Neil Fund, established in 1999 to assist worthy young persons who might not otherwise be able to attend Rockhurst University.

• Honorary Directors Leonora M. Seck Fund, established in 2002 by James and Lawrence Seck in loving memory of their mother.

• The J. Frank Hudson Memorial Scholarship, established by Mrs. J. Frank Hudson in honor of her husband, the first chairman of Rockhurst Regents and the chairman of the University’s first major fund drive. The scholarship assists students interested in business careers.

• The Josephine Hudson Scholarship, funded by Josephine Hudson, charter member of the Library Guild, member of Honorary Directors Association and former Rockhurst Regent. Open to full-time undergraduate students.

• The Thomas Francis Imbs Scholarships, established by the family of Thomas Francis Imbs in memory of the father of Rev. Robert Imbs, S.J., a member of the Rockhurst Jesuit community. Father Imbs was professor of history and political science for 28 years, coach of the Rockhurst Debate Team and founder of the Rockhurst Discussion Club. Open to full-time undergraduate students.
• The Marcus and Britt Jackson Scholarship, established in 2002 by Marcus Jackson, 1991 Executive Fellows MBA alumnus.

• The Jesuit Community Scholarship Fund assists needy students with preference given to minority students.

• The John M. and Mary A. Joyce Scholarship, established by John M. Joyce Jr., ’25, in memory of his parents, to assist future students in obtaining a Catholic, Jesuit education at Rockhurst. Open to all Catholic students.

• The Lois H. Keller Endowed Scholarship, established in 2003 by the estate of Lois H. Keller, one of two graduates from Rockhurst University in 1967 who were women. Open to full-time undergraduate students.

• The Leo J. Kelley Memorial Scholarship, established in 1991 for students with demonstrated financial need. Preference given to student athletes.

• The Mr. and Mrs. Simon C. Kelly Memorial Scholarship, funded by a bequest of Agnes C. Kelly in recognition of her nephew, the Rev. Francis J. Carey, S.J., and honoring Mrs. Simon C. Kelly. Preference given to relatives of members of the Jesuit community at Rockhurst University; to relatives of members of the Jesuit community at Rockhurst High School; to relatives of members of the Missouri Province Jesuits; and, finally, to relatives of any Jesuit. Recipients must be full-time students.

• The Dr. Samuel L. Kennedy Scholarship, established in 2005 to honor “Doc K” who served as the Faculty Moderator of the Sigma Alpha Epsilon Chapter from 1972 to 1987. “Doc K” touched the lives of countless SAE’s, as well as other students. Recipients will be members of Sigma Alpha Epsilon at Rockhurst who are enrolled full time and have a 2.5 cumulative grade point average.

• The Kieffer Scholarship, founded by Miss Catherine Shore in memory of Rev. Eugene C. Kieffer, S.J. Open to full-time undergraduate students.

• The Harry B. Kies Memorial Scholarship, established by the family of Harry B. Kies and by Rockhurst faculty and students. Harry B. Kies co-founded the Institute of Social Order and taught history at Rockhurst for 42 years. Open to full-time undergraduate students.

• The Kirwan-Hartigan Memorial Scholarship, established in memory of Francis and Clara Louise Kirwan, to assist worthy students.

• The Knipscher Chemistry Scholarship, founded to honor the memory of the Rev. John K. Knipscher, S.J., who founded the chemistry department at Rockhurst. Open to all chemistry majors.

• The Julian J. Knopke Scholarship—established in 2000 by the Knopke family in honor of Julian J. Knopke, a gifted and generous businessman and loving father. The fund is dedicated to assisting students in financial need who want to change their lives through desire and hard work.

• The Robert F. Kuhnlein Scholarship, founded in memory of Robert F. Kuhnlein, an alumnus and member of the Rockhurst Regents. Open to full-time undergraduate students.

• The Dr. Thomas A. Kyner Memorial Fund, established in 1970 by bequest of Dr. Thomas A. Kyner, a member of Rockhurst Honorary Directors. Open to full-time undergraduate students.

• The William F. and James B. Laughlin Memorial Scholarship, created in 1997 by Eugene Laughlin to honor his brothers, William and James. The award assists deserving full-time juniors or seniors in the Helzberg School of Management who demonstrate financial need and who meet the criteria for academic scholarships.

• The Max Leupold Memorial Scholarship, created by bequest of Max Leupold, a Kansas City banker, civic leader and Honorary Director. Max Leupold developed corporate support for Rockhurst and our students over the course of ten years as a Senior Ambassador. Open to full-time undergraduate students.

• The Robert L. Lueking Memorial Scholarship, established by Gus W. Lueking in memory of his son, Robert L. Lueking, a former Rockhurst student, and his wife, Edna Lueking. Open to students who demonstrate financial need, were born in and presently reside in Missouri, maintained a B average or above in high school, and continue to maintain a B average or above in collegiate studies. Preference is given to students pursuing study in business, accounting, or economics.

• The Mary Margaret Mangold Scholarship, created in 1996 to assist deserving graduates of Bishop Miege High School in Shawnee Mission, Kansas. Recipients must be enrolled full-time. Financial need is not a criterion for selection. Preference is given to incoming freshmen who may later renew the scholarship and to students who plan and continue to pursue the study of accounting.
• The Mason Family Scholarship honors Patrick W. Mason, 1921 alumnus and Rockhurst athletic coach, and members of the Mason family who supported the University and its students over many years. Open to full-time undergraduate students.

• The Henry J. Massman, Sr. Scholarship honors Henry J. Massman, Sr., whose dedication to promoting Jesuit education galvanized support for the building of Conway Hall and Mason-Halpin Fieldhouse. Mr. Massman served as president of the Honorary Directors Association for 24 years. The scholarship provides tuition assistance for needy students. Open to full-time undergraduate students.

• The Lucie Jane Desloge McAnany Scholarship, a permanent trust, established by one of the first women attending evening courses in the 1930s, that assists deserving students in obtaining a Catholic college education. Open to all Catholic undergraduate students.

• The Robert A. McCune Memorial Fund, established by Thomas J. McCune in memory of his son, Robert A. McCune, a former Rockhurst faculty member, to provide financial assistance to junior and senior accounting students.

• The Mr. and Mrs. Robert H. McDonnell Scholarship assists deserving students, particularly those interested in engineering, with preference given to the children of employees of Burns-McDonnell.

• The Frank and Margaret McGee Scholarship, established by Thomas F. McGee in honor of his parents. Open to full-time undergraduate students.

• The Thomas McGee Scholarship, founded by Louis B. McGee in honor of his father, Thomas McGee, for students majoring in business administration.

• The Meeks Family Foundation Scholarship for African-American Students, established by Judge and Mrs. Cordell Meeks, Jr., to provide tuition assistance to students who might not otherwise be able to pursue an undergraduate degree at Rockhurst University. Freshmen entering as full-time students who are African-American, reside in the five county Greater Kansas City Metropolitan Area, demonstrate need for financial assistance, and meet requirements for academic scholarships without regard to their program of study are eligible.

• The Chester C. and Addiebell Michael Scholarship, provided by the estate of a 27-year member of the Honorary Directors. Open to full-time undergraduate students.

• The James E. and Jane G. Millard Memorial Scholarship, established by their children in memory of their parents’ love and support of Catholic, Jesuit education. Preference will be given to a descendant of the Millards, then to Catholic students.

• The Bernadette and Richard Miller Scholarship, a grant to be awarded annually to full-time students who spent the prior summer doing voluntary social service for the less fortunate and needy. The fund was established by Richard W. Miller, a 1952 alum, past member of Rockhurst University’s Board of Trustees, prominent Kansas City attorney, and co-founder of the Christmas in October project, and his wife, Bernadette Miller, who is active in Rockhurst University’s Library Guild and other volunteer committees.

• The Robert W. and Mary Jane Miller Memorial Scholarship, founded by their children: Mr. and Mrs. Robert E. Miller, Mr. and Mrs. Richard W. Miller, Mr. and Mrs. John Hinse, and Mr. and Mrs. Charles Roult. Robert W. Miller was a 30-year member of the Rockhurst Evening faculty and his wife, Mary Jane Miller, was a member and president of the Rockhurst Circle. The scholarship was established to provide tuition support for students who spent the previous summer in voluntary service to the less fortunate and needy. In this way, the children of Robert W. and Mary Jane Miller hope to encourage and assist people in following the example of their parents.

• Paul A. Mistretta Memorial Scholarship, established by the Mistretta family to honor a former Rockhurst student who loved music, especially the trombone. The scholarship benefits students in Rockhurst’s Music Department. Recipients must be nominated by the Chair of the Music Department, demonstrate financial need, and maintain good academic standing. Preference is given to students of Italian heritage.

• The William Moore Scholarship, founded by Mrs. Genevieve Moore in memory of her husband. Open to full-time undergraduate students.

• The Harry F. Murphy Memorial Scholarship, established by family and friends of Harry F. Murphy, 1925 alumnus, Honorary Director, lawyer and judge. Open to full-time undergraduate students.

• The Murphy-Holman Scholarship—established to honor Jim and Susan Murphy’s families as well as to provide tuition assistance to students who might not otherwise be able to com-
plete their undergraduate degree at Rockhurst University. James W. Murphy is a 1957 graduate of Rockhurst University. The scholarship is awarded to students in the Helzberg School of Management who are in their junior or senior year of undergraduate study, demonstrate need for financial assistance, are preparing for a career in business, have demonstrated progress towards attainment of their baccalaureate degree, are average academic students, and are enrolled full time. Preference is to be given to students who are first generation college students.

- The George M. O’Connor Memorial Scholarship, established in 2005 by family, friends and colleagues to create a perpetual memorial for Professor George M. O’Connor, who taught biology to Rockhurst students for 35 years. The scholarship was founded so that his legacy will live on through the type of student he most enjoyed teaching.


- The Josephine A. Oldani Memorial Scholarship—established in memory of the mother of a Jesuit member of the Rockhurst faculty to provide tuition assistance to undergraduate students who demonstrate financial need.

- The Walter Ong, S.J. Scholarship, established in 2003 to honor Father Ong’s contributions as one of the founding members of the Alpha Delta Gamma Zeta Chapter Fountain City and in recognition of his later accomplishments as renowned teacher, scholar and author. The scholarship will assist deserving students at Rockhurst University. Preference given to members of the fraternity, as well as sons and daughters of ADG alumni.

- The James R. Owens, Jr. International Scholarship, established in 2001 by Mr. Owens, class of 1972, to encourage enrollment of international students from Ukraine.

- The Sebastian Patti Scholarship, founded by Mrs. Sebastian Patti in memory of her husband, for students preparing for careers in engineering.

- The Permanent Memorial Fund, a continuing source of support for the University that may be used in the area of most need. This permanent memorial provides lasting and appropriate honor for deceased persons through friends of Rockhurst.


- The Regular Investors in Rockhurst Scholarship—established by members of the Alumni Association from a portion of their regular annual support and is restricted to the children of alumni.

- The Mr. and Mrs. John A. Reid Scholarship Fund was established by Mr. and Mrs. George Reid in honor of Mr. Reid’s parents. Preference is given to computer science majors.

- The Reiter Family Scholarship, established in 2003 by Bob Reiter, class of 1964, and Rockhurst University Regent.

- The Robert A. Ridgway Scholarship Fund, founded in memory of Robert A. Ridgway by his wife. Open to full-time undergraduate students.

- The Dr. Sam E. Roberts Fund, established in memory of Dr. Sam E. Roberts by a bequest of his wife, Mary, a member of the Regents. Preference is given to juniors who demonstrate leadership ability.

- The Rockhurst Circle Scholarship, established as a permanent fund in 1972 from projects and gifts of the first (1927) women’s organization of the University, comprised of the mothers, wives and friends of students. Open to full-time undergraduate students.

- The RubinBrown/James and Karen Castellano Scholarship, established in 2004 by Jim Castellano, 1973 alumnus, and member of the Board of Trustees. The scholarship will assist deserving students at Rockhurst. Recipients will be MBA students who are enrolled full time and preparing for a career in accountancy.

- The Rues Occupational Therapy Scholarship, provides tuition support to occupational therapy students through the generosity of Drs. Larry and Jane Rues. Preference is given to occupational therapy students, who are also parents, with a minimum 3.0 GPA.

- The Thomas J. Savage, S.J. Scholarship, established in 1999 in honor of former Rockhurst University President Thomas J. Savage, S.J., to assist deserving students from the Kansas City area.

- The Justin X. Schmitt, S.J. Memorial Scholarship honors Fr. Justin X. Schmitt, a 26-year member of the faculty and professor and former chairman of the Department of Theol-
ogy, by his friends and the Jesuit community. Open to full-time undergraduate students.

- **The Seiber Family Scholarship Fund** established in 2001 by John Seiber, class of 1956, and his wife, Patricia. The purpose of the scholarship is to enable potential civic and business leaders, who would not otherwise be able to attend Rockhurst, to enroll for University studies in the Jesuit tradition. Open to students with demonstrated financial need.

- **The Dick Shaw Scholarship**, established in 2003 by friends, family and former students to honor Dick Shaw, class of 1960, Professor of Marketing and recipient of The Missouri Governor’s Award for Excellence in Teaching, The Harry B. Kies Award for Service to Rockhurst and The Rockhurst Board of Regents Award for Service. Professor Shaw was twice-voted Teacher of the Year by Rockhurst’s undergraduate students and in 2003, was voted Faculty Member of the Year by MBA students. Shaw Scholars will be juniors and seniors enrolled full-time, and pursuing an undergraduate major or program in the Helzberg School of Management. Candidates will be recommended by faculty or staff in the School and actively engaged in the Rockhurst community through lively participation in extra- and co-curricular activities in a manner that reflects Rockhurst Jesuit ideals.

- **The Agnes Shirk Scholarship**, created by the sons of Agnes Shirk, Paul and James, in recognition of her association with Rockhurst from 1924 to 1991 and her strong belief in Catholic education. Open to full-time undergraduate students with financial need.

- **The William H. Small Scholarship**, established in 2004 by William Small, class of 1963. Mr. Small attributes much of his personal and professional success to the academic disciplines and Christian values that were developed during his years at Rockhurst. The scholarship will assist students who have the academic potential to attain a Rockhurst degree; a degree he values highly. Recipients will be full-time undergraduates with demonstrated financial need.

- **The Sosland Foundation Scholarship** provides tuition assistance to needy students showing academic potential with special preference to Latinos.

- **The Southwestern Bell Foundation Scholarship**—awarded to students from geographical areas served by Southwestern Bell Corporation including Missouri, Kansas, Arkansas, Oklahoma and Texas, with preference to students majoring in computer science, mathematics or accounting.

- **The Sovereign Military Hospital Order of St. John of Jerusalem, of Rhodes and of Malta Scholarship Fund**, established by Mr. Thomas J. McCune, The Stanley Works, and Mr. and Mrs. Stephen A. Ziller, Sr., in honor of the Sovereign Military Hospital Order of St. John of Jerusalem, of Rhodes and of Malta. Tuition assistance is provided to worthy students practicing the Catholic faith with preference to majors in philosophy and theology.

- **The Strachan Scholarship Fund**, established by Robin Strachan in 1999 in honor of her mother, daughters, grandmothers, sisters, aunts, and nieces in recognition of their life accomplishments. Deserving non-traditional students will benefit from the scholarship. Preference is given to female undergraduate students enrolled in the School of Graduate and Professional Studies.

- **The Kenneth J. Sullivan Scholarship**, established in 1997 by family and friends to honor the memory of Kenneth J. Sullivan, class of 1952, to assist deserving students attain a Rockhurst degree. Recipients will be full-time undergraduates who intend to pursue an academic major in the field of English.

- **The William J. Sullivan Memorial Scholarship**, established by the family and friends to honor William J. Sullivan, a 28-year Honorary Director and Kansas City businessman. Open to full-time undergraduate students.

- **The Sutherland Memorial Scholarship**, honoring Alexander G. Sutherland. Open to full-time undergraduate students.

- **The Tau Kappa Epsilon (TKE) Scholarship**, established by the Tau Kappa Epsilon social fraternity for its members. Open to active members in good standing of the Tau Kappa Epsilon social fraternity.

- **The James I. Threatt Scholarship**, created in honor of James I. Threatt, a well-known civic leader in Kansas City. Preference is given to minority students from an urban background with a B+ or higher high school GPA who intend to pursue a full-time course of study in business. Recipients should be interested in giving special consideration to the study of, or career intent in, public administration or urban development.

- **The Ted Tobin Scholarship**, created through the estate of Ted Tobin, a former Senior Ambassador for Rockhurst, who died in 1993. Open to full-time undergraduate students.
• The Bernard G. Tonquest and Thomas E. Tonquest Memorial Scholarship, established by gifts and bequests in honor of Bernard G. Tonquest and Thomas E. Tonquest, who were students in the early years of Rockhurst. The scholarship provides assistance to deserving students. Open to full-time undergraduate students.

• The Robert and Louise Tritt Scholarship, established in 2003 by Bob and Louise to assist deserving students at Rockhurst University. Bob received his undergraduate degree in 1977, his MBA in 1984, and is a member of the Board of Regents. Louise earned an undergraduate degree in 1981 and served as a member of the Rockhurst University Alumni Board. Recipients will be Catholic students from Catholic high schools who are full-time undergraduate students with demonstrated need of financial assistance.

• The Charles Truitt Scholarship, established in 1994 by his family to honor Charles Truitt, a gifted business leader and family man. The fund is dedicated to helping young men and women who seek to change their own lives through desire and hard work. Open to full-time undergraduate or graduate students in the Helzberg School of Management who are Kansas or Missouri residents and work 20 or more hours per week.

• The Fred P. Turner Memorial Scholarship honors Fred P. Turner, who shared his banking and investment experience in a very practical way. Grants from this scholarship are made to students who express the intention of obtaining an undergraduate degree in business, management, economics, accounting or related subjects, and evidence some need for tuition assistance.

• The Mr. and Mrs. Rudolph J. Valenta Scholarship, established by the family of Mr. and Mrs. Rudolph J. Valenta to recognize graduates of Saint Louis University High School showing academic ability and promise and who have demonstrated financial need.

• The Maurice Van Ackeren Scholarship, initiated in 1966 by the Rockhurst Circle in recognition of the fiftieth anniversary of the Rev. Maurice E. Van Ackeren, S.J., as president of Rockhurst University. Open to full-time undergraduate students.

• The Frank Vanost Scholarship, founded in memory of Frank Vanost, a 1961 alumnus, by a friend and classmate, to provide assistance to fatherless students.

• The William Volker Scholarship, provided by a grant from a fund established in 1932 by Mr. Volker, a successful Kansas City businessman and generous philanthropist. Limited to residents and high school graduates of Jackson, Clay, Platte, Cass and Ray counties in Missouri, and Johnson and Wyandotte counties in Kansas, who display outstanding leadership skills and scholarship ability, demonstrate financial need, and are pursuing an undergraduate education at Rockhurst University.

• The Vowells Family Scholarship, created in 1997 by Mr. Joseph Vowells in honor of Brother Henry Poiner Vowells, S.J., Henry Poiner Vowells, Mary Jo Vowells, Joseph Poiner Vowells, and John Joseph Vowells, S.J. The scholarship is to assist Catholic students with demonstrated financial need, who are enrolled as full-time undergraduates.

• The Leo F. and Jean H. Weber Memorial Scholarship Fund was established by the family and friends of Leo F. Weber and grants from the Bayvet Division of Miles Laboratories where Mr. Weber was Director of finance and administration. Leo received his MBA degree from Rockhurst in 1982. Jean, class of 1983, received a BSBA degree with an emphasis in marketing. Open to full-time undergraduate students.

• The Clyde Wendel Family Scholarship, established in 2005 by Clyde and Katie Wendel to provide tuition assistance to full-time undergraduate students with demonstrated need from the Kansas City or St. Louis metropolitan urban core communities. Preference given to students who have attended Catholic high schools in the urban core of St. Louis or the DeLaSalle Education Center of Kansas City.

• The Margaret Whalen Scholarship, founded by the bequest of Mrs. Margaret Whalen. Open to full-time undergraduate students.

• The Rev. James Wheeler, S.J., Endowed Scholarship Fund, created in 1999 to honor Father Wheeler, a long-time Rockhurst University professor of chemistry. The scholarship is for deserving students who pursue the study of chemistry.

• The Paul C. Wheeler Scholarship, established in 2003 by his wife, Dr. Patricia Wheeler, family and friends, to honor the memory of Paul C. Wheeler, class of 1963. Dr. Paul Wheeler lived his Jesuit education as a “man for others.” He was highly respected as a leader in the field of nuclear physics, as a volunteer in community service and a devoted husband and father. The scholarship will assist full-time undergraduate students with outstanding acade-
• The Alpha Sigma Nu Scholarship benefits undergraduate students with financial need and academic excellence.

• The Angels Assistance Program, supported by business men and women who fund partial scholarships to assist inner-city youth who want to obtain a Rockhurst education, but lack the financial resources to do so. Students who receive scholarships through the Angels Assistance Program must maintain a 3.0 GPA each semester.

• The Henry W. Bloch Scholars Program, provides financial assistance for tuition and fees for qualified students who enter Donnelly or MCC for their associate's degree and then desire to advance to Rockhurst for their bachelor's degree. Scholarships may be extended for a maximum of six semesters to students enrolled in a minimum of 12 hours per semester.

• The Clarice Colson Scholarship, established in April 2000, benefits students from Kansas City metro area inner-city schools who would otherwise be unable to attend Rockhurst University.

• The Gourley Family Scholarship, enables students demonstrating great financial need to receive an education at Rockhurst University. Students must demonstrate financial need, meet criteria for admission, enroll full time, be highly motivated, and accept work-study and a small loan as part of their overall financial aid package.

• The William J. Haggerty Scholarship, established by Dr. Haggerty, class of 1954, and 2005 Rockhurst University Science Hall of Fame inductee, to assist full-time undergraduates who attended Kansas City area high schools and who have significant need for financial assistance. Preference is given to students who are interested in pursuing degrees in science or history.

• The Heart of America Japan-America Society Scholarship, provides financial support for Japanese students studying full-time in the United States, or American students studying in either Japan or the United States, who will promote understanding between the two nations. Applicants must have financial need and have completed one or more years of college.

• The Ireland Scholarship, a four-year sponsored academic scholarship established in 1996 assists students from Ireland with financial need.

• The Wiesner Family Scholarship, established in 1998 by the family of Jack Wiesner to provide financial support to students in need with a GPA of 2.0 or above.

• The Helen F. Wiggins Scholarship, established by her husband, Dr. John M. Wiggins, her son, Senator Harry Wiggins, class of '53, friends and relatives to honor a lady who recognized the value of a Catholic, Jesuit education, and who served as an example of a Christian wife and parent that others might emulate. The grants from this scholarship provide assistance to students who otherwise would not be able to obtain a Rockhurst education. Open to full-time undergraduate students.

• The Helen E. Williams Memorial Scholarship was established by a bequest from Helen E. Williams, that was directed by her son, Rev. William W. Williams, S. J., to provide tuition assistance to Rockhurst students in financial need, with preference given to students of Mexican ancestry.

• The Victor H. Zahner Scholarship Fund was established by a bequest of Victor H. Zahner in order to provide financial aid for students in need. Open to full-time undergraduate students.

Sponsored Scholarships
Each year certain institutions, companies and individuals provide funds for scholarships for qualified students. Among those which have been given on a regular basis are the following:

• The Dr. John F. White III Memorial Scholarship, established in 1989 to assist deserving students. Open to full-time undergraduates from farming or rural communities.

• The Helen F. Wiggins Scholarship, established by her husband, Dr. John M. Wiggins, her son, Senator Harry Wiggins, class of '53, friends and relatives to honor a lady who recognized the value of a Catholic, Jesuit education, and who served as an example of a Christian wife and parent that others might emulate. The grants from this scholarship provide assistance to students who otherwise would not be able to obtain a Rockhurst education. Open to full-time undergraduate students.

• The Helen E. Williams Memorial Scholarship was established by a bequest from Helen E. Williams, that was directed by her son, Rev. William W. Williams, S. J., to provide tuition assistance to Rockhurst students in financial need, with preference given to students of Mexican ancestry.

• The Victor H. Zahner Scholarship Fund was established by a bequest of Victor H. Zahner in order to provide financial aid for students in need. Open to full-time undergraduate students.
The awards are for Catholic graduates from high schools in the Kansas City area. Students must demonstrate significant financial need. Preference is given to students who aspire to a role in church leadership, for example, as a youth minister. Students must be academically qualified to attend Rockhurst University and enrolled full time. Renewal of the scholarship will be expected for three years as long as the student has a 2.5 cumulative GPA at the end of each academic year, and there has been no significant improvement in their financial need.

- **The Physical Therapy Scholarship**—initiated by a gift from the first graduating class in physical therapy and continues to be primarily supported by graduates and their families. Assistance is awarded to the most financially needy year two and/or year three students in the Physical Therapy Education Program.

- **The Harry Portman Scholarship** was initiated by a gift from the Harry Portman Charitable Trust.

- **The ROCW Scholarship** offers support to members of Rockhurst Organization of Collegiate Women (ROCW).

- **The Social and Educational Leadership Scholarship**, established by Andre and Jennifer Smith to assist deserving students with annual cost of attending Rockhurst University.

- **The Sprint Foundation Scholarship**, funded through a grant from the Foundation, offers scholarships to students majoring in the company-selected areas of business.

- **The St. Louis Alumni Scholarship**, a non-renewable award funded through the proceeds of the St. Louis Alumni Golf Tourney.

- **The St. Louis ArchAngels Assistance Program**, established in 2004 by a group of St. Louis Rockhurst alumni to assist St. Louis area students from low income families who are motivated to earn an undergraduate degree at Rockhurst, but lack the financial means to do so. Candidates are recommended by officials of their high schools. Candidates submit essays as part of the selection process.

- **The Rosalie Tilles Fund** provides full tuition assistance to young men and women who desire, but are not financially able, to attend college. Rockhurst University nominates one candidate and an alternate nominee each spring. Nominees must be incoming freshmen and reside within the City or County of St. Louis, Missouri. Nominees must demonstrate capability of maintaining a cumulative 3.0 GPA on a 4.0 scale and a cumulative average of a 2.75 GPA each semester.

- **The Suzanne Feld Zalk Scholarship** provides tuition assistance to aid a worthy African-American student of high scholastic aptitude who otherwise would be unable to pursue studies at Rockhurst.

- **The Zeta Tau Alpha Foundation Scholarship**, a fund for ZTA members.

### Endowments to Support the Rockhurst Community

Several special endowment programs have been established by friends of the University to provide a variety of support funds and services to faculty, staff, and students.

- **Accounting Department DHS**, established by Deloitte, Haskins, and Sells in 1988 to support the needs of the Accounting Department.

- **The James F. Andrews Memorial Fund** provides continuing support of the Department of Communications through the generosity of the family and friends of James F. Andrews and through the company, Andrews and McMeel.

- **The Audley Family Fund** was established to encourage an overall climate of service in the Jesuit tradition to colleagues through daily work, among the staff at Rockhurst. This fund seeks to recognize Rockhurst staff below the level of Deans and Vice Presidents who have demonstrated they conduct their work in a manner that accepts and reflects the dignity of each individual as uniquely gifted by God, especially in a manner that helps to develop the gifts of fellow staff and faculty. Thomas J. Audley served the University as Director of Admission from 1974 to 1990. Since 1990, Tom has been assisting people in making gifts to Rockhurst as Director of Gift Planning.

- **Elizabeth Bonfils Tuition Grants for Essays on Child Labor** encourage Rockhurst University’s undergraduate students to think about public policy issues related to national and international laws addressing issues of child labor.

- **The Breen Endowment for Faculty Development**, with a focus on understanding international finance, is a fund that provides a week-long experience for Helzberg School of Management faculty with business and government leaders in foreign countries.
The Daniel L. Brenner Faculty Scholarship was established in 1987 by Daniel L. Brenner, longtime Regent and friend of Rockhurst, to support and recognize outstanding faculty.

Daniel Brenner Student Leadership Award, established by the Estate of Daniel Brenner in 2003.

The Center for Arts and Letters was created in 1996 to support the Center for Arts and Letters.

The Center for Leadership and Ethics through the Helzberg School of Management focuses on improving the quality of life for members of our community through the development of principled leaders. Consistent with Rockhurst’s mission of learning, leadership and service, the center embraces ideas such as strategic philanthropy, in which organizations respond to real community needs in a way that aligns with their organizational mission and is good for business.

The Francis Chair in the Helzberg School of Management is used to recruit and retain top quality faculty in the Helzberg School of Management. Funding came from the Parker B. Francis III Foundation in the 1980s.

The Rev. Joseph M. Freeman, S.J., Chair in Philosophy, established by Mrs. Robert C. Greenlease, honors her long-time friend and supports the study of philosophy, a hallmark of Jesuit education and the framework of liberal studies.

The Rev. Joseph M. Freeman, S.J., Philosophy Fund, established by Mr. and Mrs. Byron G. Thompson to honor the Rev. Joseph M. Freeman, S.J., a member of the Rockhurst University faculty, whose years of teaching and friendship have influenced the lives of many people. The fund encourages the continued improvement of the Department of Philosophy by supporting faculty study, library holdings and expanded programs, but not for ordinary expenses of the department.

Greenlease Library Fund, to support the Greenlease Library, affording additional holdings and equipment so that the library will continue as a center of learning for all disciplines. This permanent fund is maintained through gifts and through perpetual memberships in the Library Guild.

The Joseph A. Hoskins Memorial Fund for Faculty Development, established in honor of this 1933 alumnus, charter member of the Regents, founder and chairman of the Gift and Bequest Council, 26-year Honorary Director, member of the President’s Roundtable, and dedicated leader in the advancement of Jesuit education.

The Gregory C. Huger, S.J., Memorial Fund honors a 25-year professor of history, a Jesuit dedicated to instilling social responsibility and appreciation of mankind in his students and friends.

The Humanities Fund supports faculty salaries and benefits in the humanities as designated by the Dean of the College of Arts and Sciences.

The Jesuit Endowment for Rockhurst University was created in 1999.

The Brian K. Jones Memorial HIV/AIDS Educational Fund was created in 1996 at Brian K. Jones’ request to provide continuing HIV and AIDS education at his alma mater, Rockhurst University, and in our surrounding community.

The Rev. Wilfred L. LaCroix, S.J., Philosophy Fund is an endowed fund to benefit the continued improvement of faculty in the departments of philosophy and theology. The fund is named in honor of long time philosophy professor Father LaCroix through a gift arranged by his parents.

Elaine Bourke Lally Fund for Teaching Humanities, an endowed fund for the support of teachers of humanities at Rockhurst University, has been established by Elaine Bourke Lally, a long-time friend of Rockhurst University. A monetary award will be given annually to one faculty member from the humanities area of Rockhurst to provide special opportunities to the faculty member.

The MBA Fellowship Fund supports the needs of the Helzberg School of Management.

The McGee Chair, a gift of the Joseph and Anne McGee family to support an instructional development program for faculty designed to enhance teaching and learning. Workshops and teaching consultant assistance are available for skill development in interactive learning, using technology for learning, assigning and assessing student oral and written work, using case method teaching, and enhancing student listening skills.

The McMeel Service-Learning/Faculty Development Endowment, the McMeel Family Faculty Institute on Service-Learning provides support to faculty to incorporate service-learning into their classes. The institute includes a course
design workshop where participants develop a service-learning project that meets authentic community needs with academic learning outcomes. McMeel Family Faculty Institute participants contribute to service-learning at Rockhurst through their engagement in compelling and stimulating community-based learning experiences for students, and by disseminating knowledge to their colleagues.

* The George and Gladys Miller Chair in Business Administration, established by a well-known Kansas City businessman and Rockhurst supporter, acknowledges the strong ties between the University and the business community while strengthening business management rooted in a liberal education.

* The Patricia Morgan Memorial Fund, to honor Patricia Morgan, one whose love of God and fellow men was exemplified in her life, for the purpose of supporting the teaching of philosophy and theology.

* The Physical Therapy/Occupational Therapy Resource Center funded by Georgeann Mulhern, longtime friend of the University, provides books, supplies, equipment and other resources to support the Physical Therapy and Occupational Therapy Resource Center.

* The Paul Quigley Fund was established in memory of Paul J. Quigley, Rockhurst graduate and Honorary Director.

* The Rigby-Knickerbocker Faculty Development Fund, for development of faculty in the psychology and English departments, established in 1990 by the estate of Dr. Marilyn Rigby, beloved professor of psychology from 1960 to 1989. The fund is also named for her husband, M.R. Knickerbocker, professor of English from 1950 to 1988. Dr. Rigby contributed substantially to the development of the University’s psychology department. To many, students and faculty colleagues alike, she was also a wise and compassionate counselor. Both Dr. Rigby and Professor Knickerbocker were recipients of the Harry B. Kies Award for distinguished service. Over the years, gifts from faculty, family, and friends have increased this faculty development fund.

* Rockhurst University Faculty Development Fund, established to provide a continuing source of support to advance teaching skills and recognizing outstanding academic accomplishments of the University faculty.

* The Rossner Fund for Jesuit Development, named in honor of the Rev. William L. Rossner, S.J., professor of philosophy at the University from 1956 until his death in 1974. This fund regularly makes financial support available to members of the Jesuit community for research, special projects, and spiritual and educational endeavors.

* The Rossner Fund for the Library, established in honor of Mr. and Mrs. William M. Rossner to provide financial support for the Greenlease Library, primarily for the acquisition of philosophy and theology books.

* Rossner Fund for the Promotion of Religion, established by a bequest of Mrs. Blanche M. Rossner to provide a permanent trust fund to promote the intellectual, spiritual and religious development of the students, faculty and administration in the Roman Catholic faith.

* The Rev. Paul O. Smith, S.J., Athletic Endowment Project was established in 1987 by Rockhurst in honor of the Rev. Paul O. Smith, S.J., longtime athletic director, to provide financial stability to athletic programs and to enhance and maintain our athletic facilities.

* The Student/Faculty Research Program in Physics was established by Elizabeth Monahan in 1994 to support student and faculty research in physics.

* The John J. and Laura J. Sullivan Chair in Ethics was established by John J. Sullivan Jr. in honor of his parents. The purpose of the Chair is to promote ethics throughout the curriculum of Rockhurst University.

* The Technology Endowment Fund was established by the Golden Hawks, class of 1948.

* The Van Ackeren Appreciation Fund, established by the friends of the Rev. Maurice E. Van Ackeren, S.J., in recognition of his outstanding years of service as the ninth president of Rockhurst University. This permanent endowment provides a continuing source of funds to be used for faculty support and student assistance at Rockhurst.

* The Weiss Fund was established in 1987 by the estate of Therese Kreier to promote the Jesuit mission of Rockhurst University.

* The Barbara M. Wynne Memorial Award Fund, established by her family and friends who honor this 1980 summa cum laude graduate. The fund will provide continuing support of the Department of Biology where she earned her major degree, and honors outstanding students in biology.
Alumni Association
The Rockhurst University Alumni Association, organized in 1917, is the official umbrella organization of graduates and former students of Rockhurst University. The Association promotes strong ties between the University and its more than 16,000 living former students. The Alumni Association has earned national acclaim as a leader among Jesuit and peer colleges and universities in terms of the percentage of alumni who support the University annually.

The Alumni Association has, over the past few years, encouraged the establishment and support of several constituent clubs to more fully serve the needs of its various and varied alumni. The Black Alumni Club and Health Care Leadership Alumni Club are designed as networking and support organizations. The Executive Fellows Alumni Association is designed to fulfill the specific continuing education, networking and career advancement needs for this group of corporate leaders. The Association also organizes events in various geographic locations from time to time that serve as a networking opportunity in their particular area. Some locations include: St. Louis, Chicago, Washington, D.C., Florida, San Diego, Wichita, Omaha and Phoenix, just to mention a few.

The Research Nursing Alumni Association is the official organization of graduates of Research College of Nursing. The Association works to promote strong ties between the University and its graduates. Alumni activities include college recruitment, college and program promotion, fund raising for scholarship programs, and community service projects.

The Alumni Association hosts numerous events and activities throughout the year. A sample of the events includes: reunions, wine tastings, Rockhurst Day, travel programs, the Annual Fr. Freeman Golf Classic, alumni achievement awards, social activities planned around cultural and athletic events and family activities. The Association is also committed to service in the community, and hosts or co-hosts many service projects throughout the year.

Rockhurst alumni are leaders in their respective communities and professions. Rockhurst alumni are very committed to the traditions of a Jesuit education and demonstrate such through their volunteer and financial support to the University and their communities. Alumni volunteers can be found helping with admissions, career placement, cultural, spiritual and educational programming and fund-raising programs. They also help with alumni program planning, serve as advisors to the University, and promote the University and its programs in the community.

Outstanding Alumnus Award
1982  Vincent J. O’Flaherty, Jr. ’21
1983  James Spellman ’30
1984  William H. Dunn ’46
1985  John Harry Wiggins ’53
1986  Gil P. Bourk ’48
1987  John J. Sullivan, Jr. ’39
1988  John H. Bolin, Jr. ’48
1989  Louis DeFeo, Jr. ’57

*In 1991, the Outstanding Alumnus Award was divided into two categories: Alumnus of the Year for Outstanding Achievement, and Alumnus of the Year for Outstanding Service.
Outstanding Achievement Award
1991  Joseph P. Glas ’60
1992  Godfrey S. Kobets ’39
1993  Salvatore J. Enna ’65
1994  Joseph A. Flaherty, Jr. ’52
1995  Thomas A. McDonnell ’66
1996  Rev. George K. Fitzsimons ’48
1997  Dr. Veron Rice ’57
1998  Mr. Louis W. Smith ’80
1999  Mr. Blake B. Mulvany ’57
2000  Mark C. Lamping ’80
2001  James Castellano ’73
2002  Hector V. Barreto, Jr. ’83
2003  Thomas M. Downs ’64
2004  Richard T. Sullivan, Jr. ’73
2005  Daniel C. Prefontaine, QC, ’61

Outstanding Service Award
1991  Joseph McGee, Jr. ’41
1992  Robert E. Miller ’49
1993  Richard W. Miller ’52
1994  D. Eugene (Gene) Hart ’50
1995  Raymond W. Sonnenberg ’69
1996  John E. Hayes, Jr. ’59
1997  Rev. Thomas F. Denzer, S.J. ’48
1998  Michael Bahlinger ’85
2000  Jerry Haake ’70
2001  Michael A. Kleinman ’63
2002  Kathleen A. and P. Scott Hummel ’85
2003  Richard A. Ruiz ’92

Honorary Alumnus
1991  Samuel J. Kennedy
1992  Ilus W. Davis
1993  Byron G. Thompson
1994  Rev. Maurice Van Ackeren, S.J.
1995  Robert J. Dineen
1996  Joseph S. Rydzel
1997  Adolph Heine
1999  Rev. Jules M. Brady, S.J.
2000  Mary Sue Karl
2003  Reva R. Servoss, Ph.D.
2005  Larry Moore

Honorary Degrees
Year  Degree  Recipient
1921  LL.D.  Marshal Ferdinand Foch
1942  LL.D.  Bernard J. Muller-Thym
1942  Sc.D.  Charles F. Schnabel
1948  LL.D.  Robert Woods Johnson
1948  LL.D.  Henry J. Massman Sr.
1948  LL.D.  Rev. Bernard Joseph Hale
1952  LL.D.  Jack P. Whitaker
1953  Litt.D.  Francis Cardinal Spellman
1954  Litt.D.  Carlos P. Romulo
1955  LLL.D.  Lewis Strauss
1956  LLL.D.  Senator John F. Kennedy
1957  LLL.D.  Ricardo Arias
1958  LLL.D.  Alfred M. Gruenther
1959  LLL.D.  Stuart Symington
1959  LLL.D.  John A. McConaughy
1959  LLL.D.  Roy A. Roberts
1960  LL.D.  President Harry S. Truman
1960  LL.D.  Charles H. Kellstadt
1961  LL.D.  Charles E. Bohlen
1961  LL.D.  John C. H. Wu
1962  LL.D.  Frederick H. Boland
1964  LL.D.  Bishop Charles H. Helmsing
1964  LL.D.  Senator Abraham Ribicoff
1965  LL.D.  Joseph Cardinal Ritter

1991  LL.D.  Thomas Joseph Dodd
1966  LL.D.  Robert D. Murphy
1966  LL.D.  Herbert H. Wilson
1966  LL.D.  Edwin G. Borsting
1967  LL.D.  Arthur S. Fleming
1967  LL.D.  Edward V. Long
1967  Litt.D.  Jaroslav Pelikan
1967  HH.D.  Bishop Harold R. Perry
1967  LLL.D.  Gov. Warren Hearnes
1968  L.H.D.  John R. Cauley
1968  L.H.D.  Rev. Walter J. Ong, S.J.
1968  L.H.D.  Thomas Hart Benton
1969  D.F.A.  Hans Schwieger
1969  Mus.D.  James A. Lovell
1970  Sc.D.  John A. McConaughy
1970  LL.D.  Thomas F. Eagleton
1971  LL.D.  Richard Bolling
1971  LL.D.  Walter Cronkite
1971  LL.D.  Thomas H. Eriot
1972  D.H.L.  H. Roe Bartle
1972  D.F.A.  Laurence Sickman
1973  D.H.L.  John Bannon, S.J.
1973  Sc.D.  A. Donald Goedeke
1973  LL.D.  Leonor K. Sullivan
1986  L.L.D.  Donald P. Moyer  1999  D.P.S.  Ferdinand Mahood

Athletic Hall of Fame

1981  James J. Gleeson ’33
1981  Patrick W. Mason ’21
1981  Paul O. Smith
1981  Raymond J. Sonnenberg, Sr. ’34
1981  John S. Sullivan ’30
1981  Ralph Telken ’64
1982  Patrick J. Caldwell ’66
1982  Godfrey S. Kobet ’39
1982  Raymond T. McKee ’29
1982  Terry M. Michler ’69
1982  John M. Mitchell ’46
1982  Victor H. Zahner ’31
1983  James F. Healey, Jr. ’69
1983  Owen F. Murphy ’36
1984  Paul J. Martel ’48
1985  John P. Scanlon, Sr. ’42
1986  D. Eugene Hart ’50
1987  John W. Malinee ’78
1986  John J. Reichmeier ’53
1987  James J. Ryan, Jr. ’49

1989  Robert Castaneda ’60
Coaches: Joe Brehmer and Dolor Rehm Managers: Dennis Alicksaites, Pat Campbell, Chuck Plague
1990  James E. Kopp ’72
Coaches: Joe Brehmer and Dolor Rehm Managers: Dennis Alicksaites, Pat Campbell, Chuck Plague
1990  George W. Richter, Jr. ’48
1990  Robert J. Williams ’53
1991  Amos H. Hutchin ’40
1992  Thomas F. Callahan ’43
1992  James E. Kopp ’72
1992  Donald J. Klein ’58
1993  Joseph F. Keirnan ’47
1993  Dennis C. Lee ’77
1994  John A. Steck, Jr. ’46
<table>
<thead>
<tr>
<th>Year</th>
<th>Name and Degree</th>
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<tbody>
<tr>
<td>1994</td>
<td>Richard A. Suit '74</td>
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<tr>
<td>1995</td>
<td>Kathryn R. Anderson '89</td>
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<tr>
<td>1996</td>
<td>Francis &quot;Buzz&quot; Muckenthaler '47</td>
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<td>1996</td>
<td>Michael G. Powers '80</td>
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<tr>
<td>1997</td>
<td>Maureen Walsh Herrmann '82</td>
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<td>1997</td>
<td>Mark R. Teahan '82</td>
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<td>1998</td>
<td>Richard E. Donahue '53</td>
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<td>1999</td>
<td>Craig A. Stahl '81</td>
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<td>1999</td>
<td>Anthony L. Tocco</td>
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<td>2000</td>
<td>Dennis Luber '83</td>
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<td>2001</td>
<td>Doug Wemhoff '89</td>
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<td>2002</td>
<td>John Sanderson '49</td>
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<td>2002</td>
<td>John Stapler '50</td>
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<td>2003</td>
<td>Larry Fitzgerald '51</td>
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<td>2003</td>
<td>Susan Konop Malisch '86</td>
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<tr>
<td>2004</td>
<td>Joseph M. Grantham '56</td>
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<tr>
<td>2005</td>
<td>Kristine Rehm Nusbaum '91</td>
</tr>
<tr>
<td>2005</td>
<td>Sid E. Bordman '54</td>
</tr>
<tr>
<td>2005</td>
<td>John Williams '54</td>
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</tbody>
</table>

**Science Hall of Fame**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name and Degree</th>
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<tbody>
<tr>
<td>1996</td>
<td>William G. Bartholome, M.D. '65</td>
</tr>
<tr>
<td>1996</td>
<td>Joseph A. Flaherty, Ph.D. '52</td>
</tr>
<tr>
<td>1996</td>
<td>Joseph M. Jaklevic, Ph.D. '62</td>
</tr>
<tr>
<td>1996</td>
<td>Joseph P. Glus, Ph.D. '60</td>
</tr>
<tr>
<td>1996</td>
<td>A. Donald Goedeke '56</td>
</tr>
<tr>
<td>1996</td>
<td>James Emmett Monahan, Ph.D. '48</td>
</tr>
<tr>
<td>1997</td>
<td>James B. Kring, Ph.D.</td>
</tr>
<tr>
<td>1997</td>
<td>Henry N. Wellman, M.D.</td>
</tr>
<tr>
<td>1997</td>
<td>Lawrence J. Marnett, Ph.D. '69</td>
</tr>
<tr>
<td>1999</td>
<td>Robert C. Jaklevic, Ph.D. '56</td>
</tr>
<tr>
<td>2001</td>
<td>Sam Enna '65</td>
</tr>
<tr>
<td>2005</td>
<td>Dr. Paul Wheeler '63</td>
</tr>
<tr>
<td>2005</td>
<td>William Haggerty, Ph.D. '54</td>
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</table>

**St. Thomas More Academy of Scholars**

<table>
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<tr>
<th>Year</th>
<th>Name and Degree</th>
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<tr>
<td>1992</td>
<td>Rev. Walter Ong, S.J. '33</td>
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<tr>
<td>1994</td>
<td>Daniel Ferritor, Ph.D. '62</td>
</tr>
<tr>
<td>2000</td>
<td>Mark Curran, Ph.D. '63</td>
</tr>
<tr>
<td>2000</td>
<td>Robert T. Crossley '67</td>
</tr>
<tr>
<td>2003</td>
<td>Dr. Edward A. Purcell, Jr. '62</td>
</tr>
</tbody>
</table>

**Faculty and Staff Recognition**

**Daniel L. Brenner Scholarly Achievement Award**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name and Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1988</td>
<td>William F. McInerny, Ph.D.</td>
</tr>
<tr>
<td>1990</td>
<td>Frank J. Smist Jr., Ph.D.</td>
</tr>
<tr>
<td>1991</td>
<td>Don E. Gibbs, Ph.D.</td>
</tr>
<tr>
<td>1992</td>
<td>Curtis L. Hancock, Ph.D.</td>
</tr>
<tr>
<td>1993</td>
<td>Richard G. Newman, Ph.D.</td>
</tr>
<tr>
<td>1994</td>
<td>Patricia Cleary Miller, Ph.D.</td>
</tr>
<tr>
<td>1995</td>
<td>Steven W. Brown, Ph.D.</td>
</tr>
<tr>
<td>1996</td>
<td>Jean M. Hiebert, Ph.D.</td>
</tr>
<tr>
<td>1997</td>
<td>Jules M. Brady, S.J., Ph.D.</td>
</tr>
<tr>
<td>1998</td>
<td>Timothy L. McDonald, Ph.D.</td>
</tr>
<tr>
<td>1999</td>
<td>Don E. Gibbs, Ph.D.</td>
</tr>
<tr>
<td>2000</td>
<td>Sudhakar S. Raju, Ph.D.</td>
</tr>
<tr>
<td>2001</td>
<td>Risa J. Stein, Ph.D.</td>
</tr>
<tr>
<td>2002</td>
<td>Thomas Ward, Ph.D.</td>
</tr>
<tr>
<td>2003</td>
<td>Daniel F. Stramara, Ph.D.</td>
</tr>
<tr>
<td>2004</td>
<td>Craig Prentiss, Ph.D.</td>
</tr>
<tr>
<td>2005</td>
<td>Paula Shorter, Ph.D.</td>
</tr>
<tr>
<td>2006</td>
<td>Charlotte K. Shelton, Ed.D.</td>
</tr>
</tbody>
</table>

**Hall Family Foundation Chair**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name and Degree</th>
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<tbody>
<tr>
<td>1987-89</td>
<td>Bryce J. Jones, Ph.D.</td>
</tr>
<tr>
<td>1991-92</td>
<td>Cheryl A. McConnell</td>
</tr>
<tr>
<td>1995-96</td>
<td>Richard Hunt, Ph.D.</td>
</tr>
<tr>
<td>1996-98</td>
<td>Gail A. Hoover, Ed.D.</td>
</tr>
<tr>
<td>1998-99</td>
<td>Randolph R. Schwering, Ph.D.</td>
</tr>
<tr>
<td>1999-00</td>
<td>Peter D. Nugent, Ph.D.</td>
</tr>
<tr>
<td>2000-02</td>
<td>Brian D. Fitzpatrick, Ph.D.; Sudhakar S. Raju, Ph.D.</td>
</tr>
<tr>
<td>2002-04</td>
<td>Charlotte K. Shelton, Ed.D.</td>
</tr>
<tr>
<td>2006-07</td>
<td>Myles P. Garland II, Ph.D.</td>
</tr>
</tbody>
</table>
Harry B. Kies Award

1985  Paul D. Arend
      Charles P. Cahill, S.J.
      Thomas F. Denzer, S.J.
      M. Robert Knickerbocker 1993  Edward S. Kos
1987  Bryce J. Jones
      Reva K. Servoss 1994  Marilyn N. Carroll
1988  Thomas L. Lyon
      Marilyn K. Rigby
      Joyce A. Smith 1995  Weslynn S. Martin
1989  Richard E. Wilson
      Rev. Francis J. Murphy, S.J. 1996  Anita Salem
1990  Janet Watson Sheeran
      Sr. Rosemary Flanigan, C.S.J. 1997  Adolphine C. Shaw
1991  Anthony L. Tocco
1992  Delores J. Curry

Joseph and Anne McGee Chair in Communication

2001-03  Weslynn S. Martin 2004-  Laura A. Janusik

George and Gladys Miller Chair in Business Administration

1988-91  Anthony L. Tocco, Ph.D. 1996-97  Faye S. McIntyre, Ph.D.
1991-92  Marlene S. Donahue, Ph.D. 1997-98  Sudhakar Satyanarayan, Ph.D.
1992-93  James E. Putetz, Ph.D. 2000-02  Randolph E. Schwering, Ph.D.
1995-96  Keith B. Myles, Ph.D.  David B. Vicknair, Ph.D.
2005-06  Martin Stack, Ph.D.

Teaching Excellence Award

1991  Marshall Andersen, Ph.D. 1999  Cheryl A. McCroin
1992  Weslynn S. Martin 2000  William J. Ryan
1993  Will Valk 2001  Paula M. Shorter, Ph.D.
1994  Gerald L. Miller, Ph.D. 2002  Robert Hegarty, Ph.D.
1995  Donna J. Calvert, Ph.D. 2003  Joseph A. Cirincione, Ph.D.
1996  Judith C. Richards, Ph.D. 2005  Rev. Robert J. Mahoney, Ph.D.
1997  Edward S. Kos, Ph.D. 2006  Jean Hiebert, Ph.D.

Joseph M. Freeman, S.J. Chair in Philosophy


John J. and Laura J. Sullivan Chair in Ethics

Breen International Fellowship

1995    Gerald L. Miller, Ph.D.    2000-02    Sudhakar S. Raju, Ph.D.
1996    Thomas L. Lyon, Ph.D.    2000-04    Brian D. Fitzpatrick, Ph.D.
2000    Thomas L. Lyon, Ph.D.

University Faculty Senate Chair

2000-02    William Sturgill, Ph.D.    2004-06    Michael Stellern, Ph.D.
2002-04    Marshall Andersen, Ph.D.    2006-    Timothy McDonald, Ph.D.

Community Recognition - The Chancellor’s Award

1959    Harry B. Kies
1960    Samuel Eliot Morison
1961    Etiénné Gilson
1971    Joyce Hall

1978    L’Abbé Germain Marc’hadour
1981    Ilus W. Davis
1986    Rev. William Byron, S.J.
1996    Rev. Thomas J. Savage, S.J.
1998    Rev. Thomas F. Denzer, S.J.
1999    M. Robert Knickerbocker

Excellence in Teaching Award from Missouri Governor’s Conference on Higher Education

1992    Anita Salem
1993    Richard D. Shaw
1994    Weslynn Martin
1995    William F. Haefele
1996    Robin E. Bowen
1997    Curtis L. Hancock

1998    Cheryl A. McConnell
1999    Joseph A. Cirincione
2000    Anthony L. Tocco
2001    Donna J. Calvert
2002    Rev. Wilfred LaCroix, S.J.
2003    Sudhakar Raju
2004    Renee Michael
Pro Meritis Award

<table>
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<tr>
<th>Date</th>
<th>Recipients</th>
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<tbody>
<tr>
<td>Aug. 27, 1959</td>
<td>James Hazlett, Dr. Elmer Ellis, Sister Rose Carmel, S.C.L.</td>
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<tr>
<td>June 4, 1966</td>
<td>Nathan J. Stark, J.E. Hughes, J.E. Couture</td>
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<tr>
<td>1968</td>
<td>Lester Milgram, Jerome A. Smith, Homer C. Wadsworth, Rev. John W. Williams</td>
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<td>Oct. 4, 1968</td>
<td>May 14, 1970</td>
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<td>Jan. 11, 1979</td>
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Pro Meritis Award
GENERAL POLICIES

Equal Employment Opportunity
Rockhurst University welcomes persons from all backgrounds and beliefs to join our staff and we seek to create and foster a sense of community that facilitates the development, both personal and professional, of all our community members.

Rockhurst University is committed to providing equal employment opportunity for all persons regardless of race or color, religion, sex including maternity/lactation status and sexual orientation, marital status, national origin or ancestry, age, disability, citizenship or intending citizenship status, or veteran status ("protected status"). Equal opportunity extends to all aspects of the employment relationship, including hiring, transfers, promotions, pay, training, employment termination and/or other terms and conditions of employment.

Consistent with the requirements of Title IX of the Education Amendments of 1972* and its implementing regulations, Rockhurst University has designated three individuals responsible for coordinating the University’s Title IX compliance. Students or employees with concerns or complaints about discrimination on the basis of sex in employment or an education program or activity may contact any one of the following Title IX coordinators:

Mary Burnett
Director of Human Resources
Massman Hall, Business Office
816-501-4555
mary.burnett@rockhurst.edu

Dr. William Haefele
Vice President, Academic Affairs
Massman Hall
816-501-4028
william.haefele@rockhurst.edu

Dr. Matthew Quick
Associate Vice President, Dean of Students
Massman Hall, Student Development Office
816-501-4030
matt.quick@rockhurst.edu

*Title IX says that no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.

Individuals may also contact the Office for Civil Rights of the U.S. Department of Education.

Rockhurst University complies with federal, state and local equal opportunity laws and strives to keep the workplace free from all forms of illegal discrimination and harassment.
Harassment, Discrimination and Professional Conduct

I. Commitment to Non-Discrimination, Non-Harassment and Non-Retaliation

The purpose of this policy is to uphold the University’s mission in preserving the fundamental dignity and rights of all individuals involved in campus activities; reaffirm, review, refine, disseminate and enforce the University’s policies on non-harassment and non-discrimination in employment, academic, and living environments; establish effective mechanisms for investigating complaints and to take timely corrective action in a manner that reasonably protects the confidentiality of individuals involved in situations of alleged harassment and/or discrimination; and ensure the provision of equal employment and educational opportunities to faculty, staff, students and applicants for such opportunities without regard to protected status.

II. Prohibited Conduct

a. Discrimination

It is a violation of this policy to discriminate in any educational program or activity including living environments and employment opportunities on any protected status, except as otherwise stated in applicable Rockhurst policy.

b. Harassment

It is a violation of this policy to harass any other person including without limitation any student, staff, faculty, administrator, parent, relative or associate of a student, any person at or in connection with learning or work at any field work site, visitor, guest, outside contractor or other person doing business with Rockhurst (“persons”) on the basis of any protected status while on any University property at any time including the main campus, and any distance learning site, in connection with any event or activity sponsored by Rockhurst, while performing any work for or on behalf of Rockhurst, while holding oneself out as a representative of Rockhurst or while using any Rockhurst equipment including vehicles (“location”). Examples of inappropriate conduct include, but are not limited to, the following: comments, epithets, slurs or negative stereotyping, regarding a person’s protected status; distribution or display of any written or graphic material that ridicules, denigrates, insults, belittles, or shows hostility toward an individual or group because of a protected status.

c. Sexual Harassment

It is a violation of this policy to sexually harass any other persons on any prohibited basis of sex, including maternity/lactation status and sexual orientation, at any university-related location.

Sexual harassment includes unwelcome sexual advances, requests for sexual favors, and other verbal or physical or other non-verbal conduct of a sexual nature when (1) submission to or rejection of such conduct is made either explicitly or implicitly a term or condition of any educational program or activity or employment, (2) submission to or rejection of such conduct by an individual is used as a basis for any education or employment decision affecting such individual, or (3) such conduct has the purpose or effect of unreasonably interfering with an individual’s education or work performance or creating an intimidating, hostile or offensive learning or working environment.
Examples of inappropriate conduct include, but are not limited to, the following: sexual innuendoes, suggestive comments, jokes of a sexual nature, sexual propositions, lewd remarks, threats, requests for any type of sexual favor (this includes repeated, unwelcome requests for dates); distribution, display, or discussion of any written or graphic material, including images, posters, and cartoons that are sexually suggestive, or show hostility toward an individual or group because of sex; suggestive or insulting sounds; leering; staring; whistling; obscene gestures; content in letters and notes, facsimiles or e-mail, that is sexual in nature; and unwelcome, unwanted physical contact including, but not limited to, the following: touching, tickling, pinching, patting, brushing or rubbing up against, hugging, cornering, kissing, fondling, forced sexual intercourse, or assault.

d. Retaliation

It is a violation of this policy to retaliate against any person who brings an Informal Concern or Formal Complaint, or participates in an investigation, resolution or appeal under this policy.

e. Knowingly Bringing False Informal Concerns or Formal Complaints

Knowingly bringing a false Informal Concern or Formal Complaint of discrimination, harassment or retaliation is a violation of this and other university policies. An Informal Concern or Formal Complaint brought under this provision by a person accused will not constitute retaliation against the person who brought the Informal Concern or Formal Complaint. The Director of Human Resources or Dean of Students will assist individuals in determining an applicable policy for bringing a complaint of knowingly bringing a false Informal Concern or Formal Complaint.

f. Confidentiality

All Informal Concerns and Formal Complaints will be held in confidence and only those involved in the Informal Concern or Formal Complaint, including its investigation, resolution and appeal if any, will be provided information. All participants in any Informal Concern or Formal Complaint, including without limitation Complainant, Respondent, individuals who have provided information at any level, investigators, and university staff with a need to know are encouraged to respect confidentiality to protect the privacy and reputations of the individuals involved. Obviously, individuals may have appropriate and confidential discussions with a dean, supervisor, counseling center or the Human Resources Director regarding the matter. Any breach of confidentiality may result in disciplinary proceedings up to and including expulsion from the university and discharge from employment under this or other applicable university policy.

III. Informal Concerns and Formal Complaints of Prohibited Discrimination, Harassment and Retaliation

Rockhurst University will take prompt, appropriate action to address any violation of this policy.

a. Bringing an Informal Concern or a Formal Complaint

Any person who reasonably and in good faith believes that a violation of this policy is occurring or has occurred may bring an Informal Concern or a Formal Complaint as provided in this policy. The University encourages, but does not require, a person to bring an Informal Concern before bringing a Formal Complaint.
b. Where to Bring an Informal Concern or Formal Complaint
   i. Where the perceived violator is a student, bring the Informal Concern or Formal Complaint to the Dean of Students.
   ii. Where the perceived violator is staff including administrators, bring the Informal Concern or Formal Complaint to the Director of Human Resources except:
      1. Where the perceived violator is a dean, bring the Informal Concern or Formal Complaint to the Vice President for Academic Affairs (VPAA).
      2. Where the perceived violator is a vice president, bring the Informal Concern or Formal Complaint to the President.
      3. Where the perceived violator is the President, bring the Informal Concern or Formal Complaint to the Chair of the Executive Committee of the Board of Trustees (Chair).
   iii. Where the perceived violator is faculty, bring the Informal Concern or Formal Complaint to the Dean of the College or School of which the faculty is a member.
   iv. Where the perceived violator is a student, staff or faculty of Research College of Nursing ("RCN"), bring the complaint under applicable RCN policy. If for any reason the Complainant feels he/she cannot bring the Informal Concern or Formal Complaint as provided above, he/she may bring the Informal Concern or Formal Complaint to any dean or vice president or the Director of Human Resources.

   If you have any question where to bring your Informal Concern or Formal Complaint, speak with the Director of Human Resources.

c. Informal Concerns
   i. When to Bring an Informal Concern
      Any student, staff, faculty or other person may bring an Informal Concern within 180 days of the perceived discrimination, harassment or retaliation.
   ii. Investigation of Informal Concerns
      The university official noted above, or his/her designee, will take any action to, in her/his judgment, appropriately investigate the Informal Concern including meeting with those involved. If the complainant or perceived violator desires, he/she may bring a trusted member of the Rockhurst community to the fact finding interview(s) or other related meetings. If the person bringing the Informal Concern requests that her/his identity be kept confidential and not shared with the perceived violator, the university official will respect the request. In cases of investigation of an Informal Concern brought against:
      1. a dean, the VPAA may, in his/her discretion, designate an individual or individuals to investigate and recommend any action on the Informal Concern; and
      2. a vice president, the President may, in his/her discretion, designate an individual or individuals to investigate and recommend any action on the Informal Concern; and
3. the President, the Chair of the Board may, in its discretion, designate an individual or individuals to investigate and recommend any action on the informal Concern.

iii. Resolution of Informal Concerns

The university official will suggest, and may offer to take, appropriate steps to resolve the Informal Concern including one or more of the following corrective actions:

1. Directing the perceived violator to cease the conduct.
2. Providing/directing a facilitator of her/his choosing to assist persons involved to resolve differences and establish guidelines for future interactions.
3. Recommending change(s) in education, living or work environment.
4. Recommending bringing a Formal Complaint.
5. Recommending discipline under any applicable university policy.

A decision, including corrective action, on an Informal Concern will be made within a reasonable time after receipt of the Informal Concern and will be given either orally or in writing to persons on a need to know basis. If the person bringing the complaint is dissatisfied with the proposed resolution of the informal process, he/she should file a formal complaint within three (3) months; otherwise, the University will assume the person is satisfied with the resolution of the informal process.

d. Formal Complaints

i. Written Complaint Required. Any person (“Complainant”) may bring a Formal Complaint of violation of this policy. The Formal Complaint must include the names and contact information of the Complainant and individual(s) who is perceived to have violated the policy (“Respondent”), details of the conduct perceived to be prohibited under this policy including name and contact information of person(s) with personal knowledge, and the date of the last known inappropriate conduct.

ii. When to Bring a Formal Complaint

A Formal Complaint may be brought within 300 days of the perceived discrimination, harassment or retaliation.

iii. Investigation of Formal Complaints

The university official noted above, or his/her designee, will investigate the Formal Complaint using one or more of the following means: interview of Complainant, interview of Respondent, interview of persons with personal knowledge, review of documents and any other actions she/he believes is appropriate to the investigation. If the complainant or perceived violator desires, he/she may bring a trusted member of the Rockhurst community to the fact finding interview(s) or other related meetings. In cases of investigation of a Formal Complaint brought against:

1. a dean, the VPAA may, in his/her discretion, designate an individual or individuals to investigate and recommend any action on the Formal Complaint; and
2. a vice president, the President may, in his/her discretion, designate an individual or individuals to investigate and recommend any action on the Formal Complaint; and

3. the Chair of the Board may, in his/her discretion, designate an individual or individuals to investigate and recommend any action on the Formal Complaint.

iv. Resolution of Formal Complaints

1. If the university official determines a violation of this policy is occurring or has occurred, she/he may take appropriate corrective action including one or more of the following:
   a) Directing that the conduct cease.
   b) Providing/directing third party assistance to Complainant and Respondent to resolve past differences and establish guidelines for future interactions.
   c) Directing change(s) in academic or living environments or working environment including location, time of work and reporting relationships.
   d) Imposing discipline up to and including recommending discharge or expulsion from the University.
   e) Instituting disciplinary action under any applicable university policy.

2. If the investigation is inconclusive or it is determined that there has been no violation of this policy, the university may take other action including training in acceptable and unacceptable conduct.

v. A decision, including corrective action, on a Formal Complaint will be made within a reasonable period of time after receipt and will be given in writing to Complainant and Respondent and others on a need to know basis.

e. The university may take any and all intermediate measures pending outcome of any Informal Concern or Formal Complaint.

IV. Appeals from Formal Complaints

a. Where and When to Bring an Appeal of a Formal Complaint

i. Appeals of Formal Complaints Against Students
   If dissatisfied with the decision of the Dean of Students, Complainant or Respondent may appeal that decision, including corrective action if any, to the Vice President for Student Development and Administration within ten (10) days of that decision. The decision of the Vice President for Student Development and Administration is final.

ii. Appeals of Formal Complaints Against Staff including Administrators
   If dissatisfied with the decision of the Director of Human Resources, Complainant or Respondent may appeal that decision, including corrective action if any, to the Vice President for Business and Finance within ten (10) days of that decision and the decision of the Vice President for Business and Finance is final except:
1. In cases of resolution of a Formal Complaint against a dean, the Complainant or Respondent may appeal that decision of the VPAA to the President and the decision of the President is final.

2. In cases of resolution of a Formal Complaint against a vice president, the Complainant or Respondent may seek reconsideration of the President’s decision and the President may, in his/her discretion, designate another individual or individuals to recommend a decision on reconsideration. The decision of the President on reconsideration is final.

3. In cases of resolution of a Formal Complaint against the President, Complainant or Respondent may seek reconsideration of the Chair of the Board’s decision and the Chair may designate an individual or individuals to recommend a decision on reconsideration. The decision of the Chair of the Board on reconsideration is final.

iii. Appeals of Formal Complaints Against Faculty

If dissatisfied with the decision of the Dean, Complainant or Respondent may appeal that decision, including corrective action if any, to the Vice President for Academic Affairs within ten (10) days of that decision. The decision of the Vice President for Academic Affairs is final.

iv. Appeals of Complaints Against Students, Staff or Faculty of Research College of Nursing (RCN)

Appeals of decisions, including corrective actions if any, of RCN are brought under applicable RCN policy. If the Complainant or Respondent has any question about such appeal, the Rockhurst Director Human Resources will assist in referring him/her to the appropriate RCN staff or faculty member. Rockhurst also suggests that the appeal be shared with its Director of Human Resources.

b. Basis for Appeal of Formal Complaints

Appeals of decisions, including corrective action if any, on Formal Complaints may only be taken on one or more of the following bases:

i. The information presented during the investigation does not support the decision.

ii. The decision is inconsistent with existing university policy.

iii. There is substantial likelihood that newly discovered information not available at the time of presentation of information which supports or opposes the Formal Complaint would result in a different decision.

iv. The decision is:

1. arbitrary and capricious;
2. based on prohibited discrimination or violation of constitutional right; or
3. tainted by unfair prejudice or bias.

c. Appeals must be in writing and contain the following information:

i. Name, university address and email address of Complainant.

ii. Name, university address and email address of Respondent.
iii. A statement of all decisions, including corrective action if any, at all levels in the process.

iv. A detailed statement of the basis for the appeal including the specific facts and circumstances in support of the appeal.

v. Requested action, if any.

d. Review of the Appeal
The university official or her/his designate may take any and all actions which in his/her discretion she/he determines is in the interest of a fair and just decision. Complainant or Respondent may request a meeting with the university official; however, the decision to grant a meeting is at the discretion of the university official. If the complainant or perceived violator desires, he/she may bring a trusted member of the Rockhurst community to the fact finding interview(s) or other related meetings. The university official may uphold, reverse or modify any decision or corrective action, forward the matter for action under any applicable university policy, or take any other action in the interest of a full and fair resolution of the appeal. The university official will make her/his decision and notify Complainant, Respondent, underlying decision maker and others on a need to know basis in writing within two (2) weeks of receipt of the appeal.

V. Notice and Counting Days

a. Notice
All notices required or permitted to be in writing under this policy shall be deemed given to and received by the addressee on the date personally delivered, deposited in U.S. mail addressed to the individual’s last known address on record with the university or emailed return receipt requested.

b. Counting Days
In counting days for purposes of the time limits under this policy, all days, including days during semester breaks, are counted consecutively except weekends, holidays and Holy Days published in the university calendar. In the event any writing required or permitted under this Discrimination, Harassment and Retaliation policy is sent by U.S. mail only, three (3) days are added to the permitted time period.

VI. Conclusion
Prohibited discrimination, harassment and retaliation are contrary to education and employment values of Rockhurst University. Preventing prohibited discrimination, harassment and retaliation is the responsibility of all members of the Rockhurst University community and violations of this policy should be reported as soon as possible after the perceived inappropriate conduct to designated personnel as stated in this policy. Every effort will be made to respond to Informal Concerns and Formal Complaints of perceived prohibited conduct in a reasonable, thorough and timely manner. If any one feels that the university has not met its obligations under this policy, that person should contact the Director of Human Resources or Dean of Students.
Weapon Free Policy

Background
Missouri’s Concealed Carry Law permits individuals to obtain a license to carry a concealed handgun; however, a permit holder cannot carry a concealed firearm on to “any higher education institution or elementary or secondary school facility without the consent of the governing body” [R.S.Mo. 571.107.1(10).] In addition, there continues to be a national awareness of the harmful and destructive potential of other weapons including any and all firearms, ammunition, explosives/incendiary devices, dangerous chemicals, hazardous materials, or flammable materials.

Policy
In the interest of maintaining a safe academic and employment environment free of violence and danger for all students, faculty, staff and visitors, Rockhurst University prohibits the possession, transportation, storage, or use of any and all weapons including firearms, ammunition, explosives/incendiary devices, dangerous chemicals, hazardous materials, or flammable materials on any University owned or leased property (including in motor vehicles) or at any University sponsored function (regardless of whether or not the party has a permit to carry a concealed firearm). The policy applies to all University students, faculty, staff, contract employees, vendors, and visitors on University property or at any University-sponsored function. This policy does not apply to any law enforcement personnel engaging in official duties.

Definitions
- “Any Rockhurst property” includes the main campus, south campus, all academic and administrative buildings, all residence life facilities, all recreational facilities, all parking areas, and any and all other property owned or leased by Rockhurst.
- “Any and all weapons” includes without limitation any firearm, knife, or other agents/instruments (i.e. explosives/incendiary devices, chemicals, hazardous materials, flammable materials, etc.) capable of lethal use - whether in plain view or concealed, and whether with or without a concealed carry endorsement, permit, or license. Should anyone have a question regarding whether an item is covered by this policy, they should contact Security, Human Resources, or the Dean of Students Office.
- “Explosives/incendiary devices” includes any and all devices capable of driving or bursting out with violence/noise or capable of causing destruction/injury - whether or not detonated or capable of being detonated on site/from a remote location.

Reporting Obligations/Enforcement
If students, faculty, or staff believe another person covered by this policy possesses a concealed handgun or other weapons in violation of this policy, they will immediately report this information to the Security Department. Students, faculty and staff should be aware that the enforcement of this policy might involve confronting individuals carrying dangerous weapons. They should not take any unnecessary risks or compromise their safety in enforcing this policy.

Failure to abide by this policy, or to report knowledge of a possible violation of it, will subject a student or faculty/staff member to disciplinary action including, but not limited to, expulsion from the University (student), termination of the faculty/staff member (in accordance with Code of Conduct and Employee Handbook guidelines), and disclosure of the incident to appropriate law enforcement authorities.
The University reserves the right to search all personal and college-owned or leased vehicles, packages, containers, briefcases, purses, backpacks, lockers, desks, enclosures, offices, or other University owned/leased property for the purpose of determining whether any weapon has been brought onto its premises in violation of this policy. These searches will only be conducted in the event of probable cause or reasonable suspicion, and will be conducted in accordance with appropriate search procedures.

The President, President’s Staff, Deans, Department Chairs, Directors, and other managers/supervisors are responsible for assuring compliance with this policy. The Security Department, Office of Human Resources, and Dean of Students Office are jointly responsible for the administration of the policy.
INDEX

*Bold italics denote information specifically for graduate students.*

A
Academic administration
   College of Arts and Sciences .................. 69
   Helzberg School of Management ............. 191, 317
   School of Graduate and Professional Studies .......... 162, 266
   Research College of Nursing ................. 207
Academic advising .................. 32, 209, 245
   Advisor assignment .................... 33
   Academic Board ..................... 39
   Academic credits .................. 33, 245
   Courses listed for both graduate and undergraduate credit .... 35, 248
   Undergraduates taking graduate courses ...... 35, 247
   Academic honesty policy ........... 49, 252
   Academic honors and awards, undergraduate ... 40
   Academic policies .................. 32, 245
   Research College of Nursing .......... 209
   Academic probation ................. 40, 246
   Academic progress, financial aid .......... 25, 242
   Academic records .................. 40, 250
   Academic scholarships ............... 31
   Academic year, definition of .......... 33, 245
   Accelerated Bachelor of Science in Nursing ........ 211
   Access ........................ 59, 226, 261
Accounting
   Helzberg School of Management .......... 196, 233
Accreditations and affiliations
   Research College of Nursing .......... 5, 208
   Rockhurst University ................ 5
Activation of Reserve or National Guard units ........... 55, 261
Address, Rockhurst University .......... 4
Address, change of .................. 60, 63, 262
Administration ........................ 339
Administrative policies ................ 59, 261
Admission
   Alumni discount program .......... 19
   Audit students .................. 16
   Business Administration ............ 194, 323
   Certificate programs ................. 14
   Communication Sciences and Disorders .... 272
   Education ........................ 173, 174, 282
   Exchange student .................. 15
   Fifth Year MBA Option CPA Certification ... 323
   From high school ................ 11
   Graduate ................................ 235
   International Baccalaureate ........... 12
   International student ................. 14, 235
   Interviews ........................ 14
   Master of Business Administration .... 323
   Occupational Therapy program ........ 297
   Physical Therapy program ............ 305
   Readmission ........................ 16, 246
   Sixty-Plus program .................. 19
   Transfer admission .................. 13
   Unclassified student ................ 15
   Undergraduate ...................... 11
   Undergraduate evening program ....... 13
   Visiting student .................. 15
   With Advanced Placement ........... 11
   With GED ........................ 13
   Advanced College Credit Program (ACCP) ........ 225
   Lecturers ........................ 353
   Advanced Placement tests .............. 36
   Advising .......................... 32, 209, 245
   Alternative payment plans ............ 17, 236
   Alumni Association ................ 380
   Alumni awards ..................... 380
   Alumni discount program ............ 19, 238
   American Humanics certificate (see Nonprofit Leadership Studies) .... 179
   Appeals, financial aid .............. 29, 244
   Appeals, grade ........................ 52, 255
   Army ROTC ........................ 223
   Art .................................. 70
   Art Gallery, Greenlease .............. 357
   Arts and Sciences .................. 69, 265
Assessment ........................................... 57, 262  
Assistantships .......................................... 244  
Athletic Hall of Fame .................................... 382  
Athletic programs ......................................... 231  
Attendance policy ....................................... 48, 252  
Audit .......................................................... 16, 56  
Awards .......................................................... 40  
B  
Bachelor of Arts degrees ................................. 8  
Bachelor of Science degrees ............................. 8  
Bachelor of Science in Business Administration ........... 193  
Bachelor of Science in Nursing .......................... 207  
Barnett, Marguerite-Ross, Missouri Scholarship .......... 30  
Bilingual Emphasis for Communication Sciences and Disorders, Certificate .................................. 166  
Bilingual Track for Communication Sciences and Disorders, Certificate .................................. 271  
Biochemistry ................................................. 73  
Bioinformatics ............................................... 74  
Biology ......................................................... 75  
Bell Tower .................................................... 357  
Board and room ............................................ 17  
Board of Trustees .......................................... 340  
Bonfils Endowment for Fine and Performing Arts .......... 363  
Bookstore ..................................................... 356  
Bourke Athletic Field ....................................... 357  
Breen International Fellowship ............................ 385  
Brenner Award .............................................. 383  
Bright Flight (Missouri Higher Education Academic Scholarship) ........................................ 30  
Buildings ....................................................... 356  
Business Administration  
Helzberg School of Management ....................... 191, 317  
School of Graduate and Professional Studies,  
Evening Program ....................................... 164  
Business Communication .................................. 82  
Byrd, Robert C., Honors Scholarship .................... 30  
C  
Campus housing ........................................... 229  
Campus Ministry ............................................ 227  
Campus mailboxes, student ................................ 63, 231  
Campus Security ......................................... 232  
Campus Security Act ....................................... 233  
Campus visit/Interviews ................................... 14  
Candidacy, degree ......................................... 48, 247  
Career Services ........................................... 31, 227, 244  
Catalog requirements ..................................... 45, 245  
Catholic Studies .......................................... 83  
Change of address ........................................ 60, 262  
Center for Arts and Letters ............................... 223  
Center for Service Learning .............................. 219  
Certificate programs ..................................... 189  
Admission, undergraduate ................................ 14  
Certificates  
American Humanities ...................................... 179  
Bilingual Emphasis for Communication Sciences and Disorders ........................................ 166  
Bilingual Track for Communication Sciences and Disorders ........................................ 271  
Credit-bearing, graduate study and post-baccalaureate ........................................ 251  
Medical Sociology and Health Care  
Administration ............................................. 152  
Non-credit certificates ................................... 251  
Offered ......................................................... 8, 189  
Paralegal Studies .......................................... 181  
Pre-Medical Post-Baccalaureate ......................... 189, 221  
Undergraduate ............................................. 48  
Writing .......................................................... 108  
Certifications  
Elementary or Secondary Education, Missouri ............ 173, 285  
Chairpersons, department and division  
Arts and Sciences ......................................... 340  
Helzberg School of Management ......................... 341  
School of Graduate and Professional Studies .......... 341  
Chancellor’s Award ......................................... 385  
Changing enrollment ..................................... 56, 259  
Chemistry ...................................................... 84  
Classical and Modern Languages and Literature .......... 88  
Classical Modes of Inquiry ................................ 64  
Classification of undergraduates .......................... 60  
Claver Jesuit Residence .................................... 357  
Clinical Laboratory Sciences ............................. 96  
Club Sport Program ........................................ 232  
College employment ....................................... 31  
College grants .............................................. 31
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Level Examinations (CLEP)</td>
<td>12, 37</td>
</tr>
<tr>
<td>Dean's Undergraduate Fellowships for Research and Creative Activities</td>
<td>219</td>
</tr>
<tr>
<td>Decision Sciences courses</td>
<td>201, 330</td>
</tr>
<tr>
<td>Declaring a major</td>
<td>45</td>
</tr>
<tr>
<td>Degree candidacy</td>
<td>48, 247</td>
</tr>
<tr>
<td>Degree requirements</td>
<td>45</td>
</tr>
<tr>
<td>Degree, double or second</td>
<td>46</td>
</tr>
<tr>
<td>Degrees offered</td>
<td>8, 234</td>
</tr>
<tr>
<td>Delinquent accounts</td>
<td>18, 237</td>
</tr>
<tr>
<td>Directors of special programs</td>
<td>340</td>
</tr>
<tr>
<td>Directory information</td>
<td>61, 263</td>
</tr>
<tr>
<td>Disabilities, students with (see Access)</td>
<td>.59, 226, 261</td>
</tr>
<tr>
<td>Disciplinary Board, Academic</td>
<td>50, 253</td>
</tr>
<tr>
<td>Dismissal</td>
<td>40, 246</td>
</tr>
<tr>
<td>Diversity statement</td>
<td>62, 263</td>
</tr>
<tr>
<td>Divisional and departmental chairs</td>
<td>340</td>
</tr>
<tr>
<td>Doctor of Physical Therapy</td>
<td>305</td>
</tr>
<tr>
<td>Admission to program</td>
<td>305</td>
</tr>
<tr>
<td>Decelerated Option</td>
<td>307</td>
</tr>
<tr>
<td>DPT curriculum</td>
<td>307</td>
</tr>
<tr>
<td>Promotion and graduation</td>
<td>307</td>
</tr>
<tr>
<td>Doctoral degree, entry-level professional, hours requirement</td>
<td>245</td>
</tr>
<tr>
<td>Doctoral degree, entry-level professional, time limits for completion</td>
<td>245</td>
</tr>
<tr>
<td>Double or second major</td>
<td>47</td>
</tr>
<tr>
<td>Drop/Add period</td>
<td>56, 259</td>
</tr>
<tr>
<td>Dual Credit</td>
<td>12, 36</td>
</tr>
<tr>
<td>College of Arts and Sciences</td>
<td>71, 265</td>
</tr>
<tr>
<td>School of Graduate and Professional Studies</td>
<td>169, 274</td>
</tr>
<tr>
<td>Helzberg School of Management</td>
<td>199, 328</td>
</tr>
<tr>
<td>Research College of Nursing</td>
<td>211</td>
</tr>
<tr>
<td>Core curriculum</td>
<td>64</td>
</tr>
<tr>
<td>Corequisite courses</td>
<td>35</td>
</tr>
<tr>
<td>Council for the Joint Nursing Program</td>
<td>217</td>
</tr>
<tr>
<td>Conway Hall</td>
<td>356</td>
</tr>
<tr>
<td>Cooperative Education</td>
<td>227</td>
</tr>
<tr>
<td>Corcoran Hall</td>
<td>357</td>
</tr>
<tr>
<td>Counseling Center</td>
<td>228</td>
</tr>
<tr>
<td>Course descriptions</td>
<td>71, 265</td>
</tr>
<tr>
<td>College of Arts and Sciences</td>
<td>71, 265</td>
</tr>
<tr>
<td>School of Graduate and Professional Studies</td>
<td>169, 274</td>
</tr>
<tr>
<td>Helzberg School of Management</td>
<td>199, 328</td>
</tr>
<tr>
<td>Research College of Nursing</td>
<td>211</td>
</tr>
<tr>
<td>Core curriculum</td>
<td>64</td>
</tr>
<tr>
<td>Corequisite courses</td>
<td>35</td>
</tr>
<tr>
<td>Council for the Joint Nursing Program</td>
<td>217</td>
</tr>
<tr>
<td>Counseling Center</td>
<td>228</td>
</tr>
<tr>
<td>E</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>198, 202, 330</td>
</tr>
<tr>
<td>Education</td>
<td>170, 278</td>
</tr>
<tr>
<td>Elementary Education</td>
<td>171, 285</td>
</tr>
<tr>
<td>Elementary certification</td>
<td>173, 286</td>
</tr>
<tr>
<td>Eligibility for financial aid</td>
<td>23, 241</td>
</tr>
<tr>
<td>E-mail account, Rockhurst student</td>
<td>62, 231, 264</td>
</tr>
<tr>
<td>Emeritus faculty</td>
<td>354</td>
</tr>
<tr>
<td>Employer tuition assistance, reimbursement</td>
<td>18, 237</td>
</tr>
<tr>
<td>Employment opportunities</td>
<td>31, 244</td>
</tr>
<tr>
<td>Endowed (named) scholarships</td>
<td>366</td>
</tr>
<tr>
<td>Endowment fund</td>
<td>363</td>
</tr>
<tr>
<td>Endowments to support Rockhurst community</td>
<td>377</td>
</tr>
<tr>
<td>Engineering Science</td>
<td>105</td>
</tr>
<tr>
<td>Dean's honor roll</td>
<td>40</td>
</tr>
<tr>
<td>Dean's list honors</td>
<td>41</td>
</tr>
</tbody>
</table>

**D**

Dean's Undergraduate Fellowships
for Research and Creative Activities

Decision Sciences courses

Declaring a major

Degree candidacy

Degree requirements

Degree, double or second

Degrees offered

Delinquent accounts

Directors of special programs

Directory information

Disabilities, students with (see Access)

Disciplinary Board, Academic

Dismissal

Diversity statement

Divisional and departmental chairs

Doctor of Physical Therapy

Admission to program

Decelerated Option

DPT curriculum

Promotion and graduation

Doctoral degree, entry-level professional, hours requirement

Doctoral degree, entry-level professional, time limits for completion

Double or second major

Drop/Add period

Dual Credit

Economics

Education

Elementary Education

Elementary certification

Eligibility for financial aid

E-mail account, Rockhurst student

Emeritus faculty

Employer tuition assistance, reimbursement

Employment opportunities

Endowed (named) scholarships

Endowment fund

Endowments to support Rockhurst community

Engineering Science

College of Arts and Sciences

Administration

Graduate courses

Undergraduate programs

Communication

Communication and Fine Arts Department

Communication Sciences and Disorders

(Speech Pathology) Bilingual Emphasis and Certificate

Graduate Bilingual Track Prep Track

Community recognition

Computer Services

Computer Science

Concurrent courses

Conference Services

Convocation Center

Conway Hall

Cooperative Education

Corcoran Hall

Core curriculum

Corequisite courses

Council for the Joint Nursing Program

Counseling Center

Course descriptions

College of Arts and Sciences

School of Graduate and Professional Studies

Decision Sciences courses

Declaring a major

Degree candidacy

Degree requirements

Degree, double or second

Degrees offered

Delinquent accounts

Directors of special programs

Directory information

Disabilities, students with (see Access)

Disciplinary Board, Academic

Dismissal

Diversity statement

Divisional and departmental chairs

Doctor of Physical Therapy

Admission to program

Decelerated Option

DPT curriculum

Promotion and graduation

Doctoral degree, entry-level professional, hours requirement

Doctoral degree, entry-level professional, time limits for completion

Double or second major

Drop/Add period

Dual Credit

Economics

Education

Elementary Education

Elementary certification

Eligibility for financial aid

E-mail account, Rockhurst student

Emeritus faculty

Employer tuition assistance, reimbursement

Employment opportunities

Endowed (named) scholarships

Endowment fund

Endowments to support Rockhurst community

Engineering Science
G
Charles Gallagher State Grant Program (formerly MO Grant) .................. 30
Geography ..................... 177
German .......................... 92
Gervais Learning Center .......... 224
Global Studies .................. 117
GMAT, MBA Admission ........... 323
Goppert Cooperative Education Program . 194, 227
Grade appeals .................. 53, 256
Grade-point average ............. 39, 249
Grade policies .................. 38, 249
Grade requirements ............. 39, 249
Grade review ................... 53, 256
Grades, final .................... 39
Grades, viewing ................. 39, 250
Grading system ................ 38, 249
Graduate
Academic policies ............... 245
Admission ..................... 235
Graduate and Professional Studies,
School of ........................ 162, 266
Graduate assistantships ...... 244
Graduate courses offered through College of
Arts and Sciences ............. 265
Graduate degrees offered ...... 234
Graduate programs
Entry-level professional doctoral degree hours
requirement ....................... 245
Entry-level professional doctoral degree, time
limits for completion ........... 245
School of Graduate and Professional Studies 266
Communication Sciences and Disorders .. 267
Education .................... 278
Occupational Therapy .......... 296
Physical Therapy ............... 304
Helzberg School of Management .... 317
Business Administration ....... 320
Master's degree hours requirement ... 246
Master's degree, time limits for completion .. 246
Graduate studies ................ 234
Graduating senior dean's list honors . 41
Graduation holds ............... 59, 259
Graduation honors, undergraduate ...... 41
Graduation/persistence rate .......... 61
Greek Affairs .................. 230
Greenlease Art Gallery .......... 357
Greenlease Library ............. 356, 358
H
Hall Family Foundation Chair .... 383
Harrassment Policy ............. 388
Health Care Leadership
MBA focus in .................... 323
DO/MBA Dual Degree Program in ... 325
Health insurance ............... 15, 18, 238
Health Sciences, program offerings .......... 10
Health Services ............... 228
Helzberg School of Management
Administration .................. 191, 317
Faculty ....................... 191, 317
Undergraduate studies .......... 191
Graduate studies ............... 317
Historical highlights ............ 360
History ....................... 119
History of Rockhurst University .... 7
Honesty policy, academic .......... 49, 252
Honor societies ................ 43
Honorary degrees ............... 381
Honors Program ............... 218
Housing policy ............... 229
Humanities, Integrated .......... 124
I
Identification card ............... 233
Incomplete grade policy .......... 39, 250
Independent study ............. 34
Institutional financial aid ...... 25
Insurance, health .......... 15, 18, 238
Integrated Humanities .......... 124
Intercollegiate sports .......... 251
International Baccalaureate credit ... 12, 36
International Business ....... 197, 323
International Journalism Program ... 89
International student admission .... 14, 235
Internships .................... 34
Intramural sports ............... 232
J
Japanese ...........................................93
Jeanne Clery Campus Security Act .............233
Jesuit university, definition of ...................6
Jesuit Residence ......................................358
Journalism ..........................................124
Junior, defined ........................................60

K
Kansas City Area Student Exchange Program
(KCASE) ..............................................16, 58
Kies Award ..........................................384
Kinerk Commons ......................................357

L
Laboratories, computer ..............................359
Laboratories, science .................................358
Lakas Memorial Fund .................................363
Languages (see Classical and Modern Languages and
Literature) ...........................................88
Latin ...................................................93
Learning Center .......................................224
Lecturers and part-time faculty ......................349
Liberal arts tradition ...................................69
Liberal Core curriculum ..............................64
Coding scheme ........................................68
Summary ..............................................67
Librarians, University .................................355
Library facilities .......................................358
Library card ...........................................233
Loyola Park ..........................................357

M
Mail Center ..........................................356
Mailboxes, student .................................63, 231, 264, 356
Mailing address .......................................4
Major, undergraduate ................................
Declaring .............................................45
Double or second ....................................47
Offered ...............................................8
Requirements ........................................45
Management .........................................197, 223
Management Information Systems ..............205, 337
Managerial Perspectives Courses ...............322
Marketing .............................................197, 323
Mason-Halpin Fieldhouse .........................357
Massman Hall ........................................356
Master of Business Administration .............320
Admission ............................................323
Curriculum ..........................................321
Executive Fellows Program .........................319
Fifth-Year MBA Option ............................326
Health Care Leadership, DO/MBA Dual Degree
Program .............................................325
Registration ..........................................324
Standards and policies ..............................324
Transfer credit ........................................324
Master of Education ................................278
Admission requirements ............................282
Certification requirements .........................285, 286
Elementary Education ..............................285
Graduation requirements ...........................283
Literacy Studies ......................................288
Secondary Education ................................287
Special Reading .......................................289
Teaching English for Speakers of Other
Languages .............................................291
Master of Occupational Therapy ...............296
Admission requirements ...........................297
Full-time curriculum ................................300
Promotion and graduation .........................299
Master of Science in Communication Sciences and
Disorders ............................................267
Admission to program .............................272
Bilingual Track .......................................271
Prep Track ..........................................271
Promotion and graduation .........................273
Specialized courses ................................270
Master's degree, hours requirement .............246
Master's degree, time limits for completion ....246
Mathematics ..........................................126
MBA Program Fifth-Year Option ..................326
McGee Chair in Communication .................384
McGee Hall ..........................................357
Medical Sociology and Health Care Administration
Certificate ...........................................152
Medical Technology (see Clinical Laboratory Sciences) .................. 96
Miller Chair in Business Administration .......... 384
Minors ........................................ 47
Offered ......................................... 8
Mission, Values, and History of Rockhurst University ........ 6
Missouri College Guarantee Program ................. 31
Missouri Higher Education Academic Scholarship
(Bright Flight) .................................. 30
Missouri Marguerite-Ross Barnett Scholarship ....... 30
Missouri Student Grant (see Charles Gallagher State Grant) ........................................ 30
Missouri Teacher Education Scholarship .............. 30
Modes of Inquiry .................................. 64
Music .............................................. 129

N
Name of record .................................. 60, 262
National Guard units, activation of .................. 55, 261
Natural Science .................................. 132
New Students/Retention Services ...................... 229
Non-credit enrollment option ......................... 20, 238
Non-degree-seeking student ......................... 15
Non-discriminatory policy .......................... 388
Nonprofit Leadership Studies ....................... 178
Non-traditional work, credit for ...................... 36
Numbering system for courses ...................... 33, 247
Nursing ........................................... 207
Nursing students, financial aid ....................... 209

O
Occupational Therapy ............................ 296
Off-campus programs, financial aid ................. 25
Organizational Communication and Leadership
College of Arts and Sciences ........................ 133
School of Graduate and Professional Studies,
Evening Program ................................ 181
Organizations, student ............................ 230

P
Paralegal Studies .................................. 181
Paralegal Studies Certificate ......................... 182
Part-time students ............................... 33, 246
Pass/No Pass option ................................ 58
Payment of financial aid awards ..................... 27, 242
Payment plans .................................... 17, 236
Payment policy .................................... 17, 236
PELL Grant ........................................ 29
Pergola ............................................. 357
Perkins Loan ..................................... 29, 244
Philosophy ........................................ 134
Physical Education ................................ 183
Physical Education and Convocation Center ....... 357
Physical recreation facilities ......................... 357
Physical Therapy ................................ 304
Pre-Admission Guarantee ......................... 305
Pre-Law ............................................ 220
Pre-Medical Program ............................. 220
Pre-Medical Scholars Partners Program-KCUMB .... 220
Pre-Medical Scholars Program-Saint Louis University .................. 221
Pre-Occupational Therapy Program ................. 222
Pre-Optometry Program ........................... 222
Pre-Physical Therapy Program ..................... 222
Pre-Physician Assistant Program ................... 229
Prerequisite courses ................................ 35
Presidents of Rockhurst University ................ 362
Pre-Veterinary Medicine Program .................. 223
Pro Meritis Award ................................ 386
Probation and dismissal ............................ 40, 246
Professional Conduct Policy ....................... 388
Professional Semester (ED) ......................... 173, 288
Professional Studies, Evening Programs ............ 9
Proficiencies ....................................... 66
Program progression, graduate programs .......... 246
Progress toward a degree, undergraduate programs .. 45
Psychology ........................................ 146
<p>| Q | Quality point requirements | 249 |
| R | Readmission | 16 |
|   | Records |   |
|   | Academic permission | 59, 261 |
|   | Name of | 60, 262 |
|   | Transcripts | 40, 250 |
|   | Refund policy | 20, 239 |
|   | Registration and graduation holds | 59, 259 |
|   | Registration procedures | 59, 259 |
|   | Registration of vehicles | 233 |
|   | Religious Studies | 156 |
|   | Renewal and adjustment of financial aid | 28, 243 |
|   | Repayment policy | 27 |
|   | Repeated course | 40 |
|   | Research College of Nursing | 207 |
|   | Academic program requirements | 210 |
|   | Accelerated B.S.N. Option | 211 |
|   | Accreditations and affiliations | 208 |
|   | Administration | 207 |
|   | Admission | 208 |
|   | Advising | 209 |
|   | Council for the Joint Nursing Program | 217 |
|   | Degree requirements | 210 |
|   | Facilities | 359 |
|   | Faculty | 215 |
|   | Financial aid | 209 |
|   | Honor Society | 44 |
|   | Licensure | 208 |
|   | Master of Science in Nursing | 207 |
|   | Traditional BSN Option | 210 |
|   | Reserve Units, activation of | 55, 261 |
|   | Residence Life | 229 |
|   | Retention Services | 229 |
|   | Return of Federal Title IV financial aid | 21, 27, 239 |
|   | Richardson Science Center | 356 |
|   | Rockhurst community | 339 |
|   | Rockhurst traditions | 360 |
|   | Room and board | 17 |
|   | ROTC | 223 |
| S | Satisfactory academic progress standards, financial aid | 25, 242 |
|   | Scholarships, endowed (named) | 366 |
|   | Scholarships, sponsored | 376 |
|   | School of Graduate and Professional Studies | 266 |
|   | Administration | 162, 266 |
|   | Degrees offered | 8, 234 |
|   | Evening programs | 9, 163 |
|   | Graduate programs | 266 |
|   | Undergraduate programs | 162 |
|   | Science Hall of Fame | 383 |
|   | Science laboratories | 358 |
|   | Second degree requirements | 46 |
|   | Second major requirements | 47 |
|   | Secondary Education | 172, 287 |
|   | Secondary certification | 173, 285 |
|   | Security | 232 |
|   | Sedgwick Hall | 356 |
|   | Senior, defined | 60 |
|   | Senior Gold Medal | 41 |
|   | Service Learning | 219 |
|   | Shaw Volleyball Court | 357 |
|   | Sixty-Plus Program | 19 |
|   | Sociology |   |
|   | College of Arts and Sciences | 151 |
|   | School of Graduate and Professional Studies, Evening Program | 185 |
|   | Sophomore, defined | 60 |
|   | Spanish | 93 |
|   | Special academic awards | 41 |
|   | Special fees | 17, 236 |
|   | Special undergraduate academic and co-curricular programs | 218 |
|   | Speech Pathology (see Communication Sciences and Disorders) | 164, 267 |
|   | Sponsored scholarships | 376 |
|   | Sports | 231 |
|   | Sports Science | 186 |
|   | St. Francis Xavier Church | 358 |
|   | St. Thomas More Academy of Scholars | 383 |
|   | Staff recognition | 383 |</p>
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stafford Loan Program</td>
<td>30, 244</td>
</tr>
<tr>
<td>State financial aid programs</td>
<td>30</td>
</tr>
<tr>
<td>Student activities</td>
<td>230</td>
</tr>
<tr>
<td>Student Activities Hall</td>
<td>356</td>
</tr>
<tr>
<td>Student classification, undergraduate</td>
<td>60</td>
</tr>
<tr>
<td>Student Development</td>
<td>226</td>
</tr>
<tr>
<td>Administration/Dean of Students</td>
<td>227</td>
</tr>
<tr>
<td>Student residence halls</td>
<td>357</td>
</tr>
<tr>
<td>Student responsibilities and community standards of behavior</td>
<td>230</td>
</tr>
<tr>
<td>Student Right-to-Know Act</td>
<td>61</td>
</tr>
<tr>
<td>Student Rights under Family Educational Rights and Privacy Act (FERPA)</td>
<td>60, 262</td>
</tr>
<tr>
<td>Study abroad</td>
<td>224</td>
</tr>
<tr>
<td>Study load</td>
<td>246</td>
</tr>
<tr>
<td>Sullivan Chair in Ethics</td>
<td>384</td>
</tr>
<tr>
<td>Summary of Liberal Core curriculum</td>
<td>67</td>
</tr>
<tr>
<td>Summer sessions</td>
<td>33</td>
</tr>
<tr>
<td>Supplemental Educational Opportunity Grant (FSEOG)</td>
<td>29</td>
</tr>
<tr>
<td>Talent scholarships</td>
<td>31</td>
</tr>
<tr>
<td>Teaching certification</td>
<td>173, 285</td>
</tr>
<tr>
<td>Teaching Excellence Award</td>
<td>384</td>
</tr>
<tr>
<td>Telephone numbers</td>
<td>4</td>
</tr>
<tr>
<td>Theatre Arts</td>
<td>154</td>
</tr>
<tr>
<td>Theology and Religious Studies</td>
<td>156</td>
</tr>
<tr>
<td>Time limit for completion of entry-level doctoral degree</td>
<td>245</td>
</tr>
<tr>
<td>Time limit for completion of master's degree</td>
<td>246</td>
</tr>
<tr>
<td>Town House Village</td>
<td>357</td>
</tr>
<tr>
<td>Transcripts, academic</td>
<td>40, 250</td>
</tr>
<tr>
<td>Transfer admission</td>
<td>13</td>
</tr>
<tr>
<td>Transfer credit</td>
<td>13, 248</td>
</tr>
<tr>
<td>Transfer Pre-Admission Guarantee, Physical Therapy</td>
<td>305</td>
</tr>
<tr>
<td>Trustees, Board of</td>
<td>340</td>
</tr>
<tr>
<td>Tuition and fees</td>
<td>17, 236</td>
</tr>
<tr>
<td>Tuition Management System (TMS)</td>
<td>18, 237</td>
</tr>
<tr>
<td>Unclassified students</td>
<td>15</td>
</tr>
<tr>
<td>Undergraduate</td>
<td></td>
</tr>
<tr>
<td>Academic policies</td>
<td>32</td>
</tr>
<tr>
<td>Admission</td>
<td>11</td>
</tr>
<tr>
<td>Classification</td>
<td>60</td>
</tr>
<tr>
<td>Degree requirements</td>
<td>45</td>
</tr>
<tr>
<td>Evening program admission</td>
<td>13</td>
</tr>
<tr>
<td>Financial aid</td>
<td>23</td>
</tr>
<tr>
<td>Studies</td>
<td>11</td>
</tr>
<tr>
<td>Undergraduate academic honors and awards</td>
<td>40</td>
</tr>
<tr>
<td>Undergraduates taking graduate courses</td>
<td>35, 247</td>
</tr>
<tr>
<td>University communication with students</td>
<td>62, 231</td>
</tr>
<tr>
<td>University financial aid programs</td>
<td>31</td>
</tr>
<tr>
<td>Van Ackeren Hall</td>
<td>356</td>
</tr>
<tr>
<td>Vehicle registration</td>
<td>233</td>
</tr>
<tr>
<td>Visiting Scholar Lecture Series</td>
<td>363</td>
</tr>
<tr>
<td>Visiting scholars</td>
<td>364</td>
</tr>
<tr>
<td>Visiting students</td>
<td>16</td>
</tr>
<tr>
<td>Voicemail boxes, student</td>
<td>63, 231</td>
</tr>
<tr>
<td>Weapon Free policy</td>
<td>395</td>
</tr>
<tr>
<td>Web site address</td>
<td>4</td>
</tr>
<tr>
<td>Withdrawals and refund, financial aid</td>
<td>27, 243</td>
</tr>
<tr>
<td>Withdrawal appeal</td>
<td>58, 260</td>
</tr>
<tr>
<td>Withdrawal grade</td>
<td>57, 260</td>
</tr>
<tr>
<td>Withdrawing from courses</td>
<td>56, 259</td>
</tr>
<tr>
<td>Withdrawal from the University</td>
<td>57, 260</td>
</tr>
<tr>
<td>Women's Studies</td>
<td>160</td>
</tr>
<tr>
<td>Work study program</td>
<td>31</td>
</tr>
<tr>
<td>Writing Certificate</td>
<td>108</td>
</tr>
<tr>
<td>Xavier-Loyola Hall</td>
<td>357</td>
</tr>
</tbody>
</table>