
CATHOLIC STUDIES (CA)

Program Director

Richard J. Janet, Ph.D.

Professor, Department of History

*Director, Thomas More Center for the
Study of Catholic Thought and Culture*

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.

Catholic Culture

A minimum of one course (three credit hours) from the list of offerings on Catholic culture: 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 Music, PS 3580 Politics and Religion, SP 3420 The Spanish Mystics, SP 4665 St. James (Santiago) Pilgrimage, SP 4700 The Spanish Golden Age, TH 4080 Christianity in Film.

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).

Campus Lectures/Performances

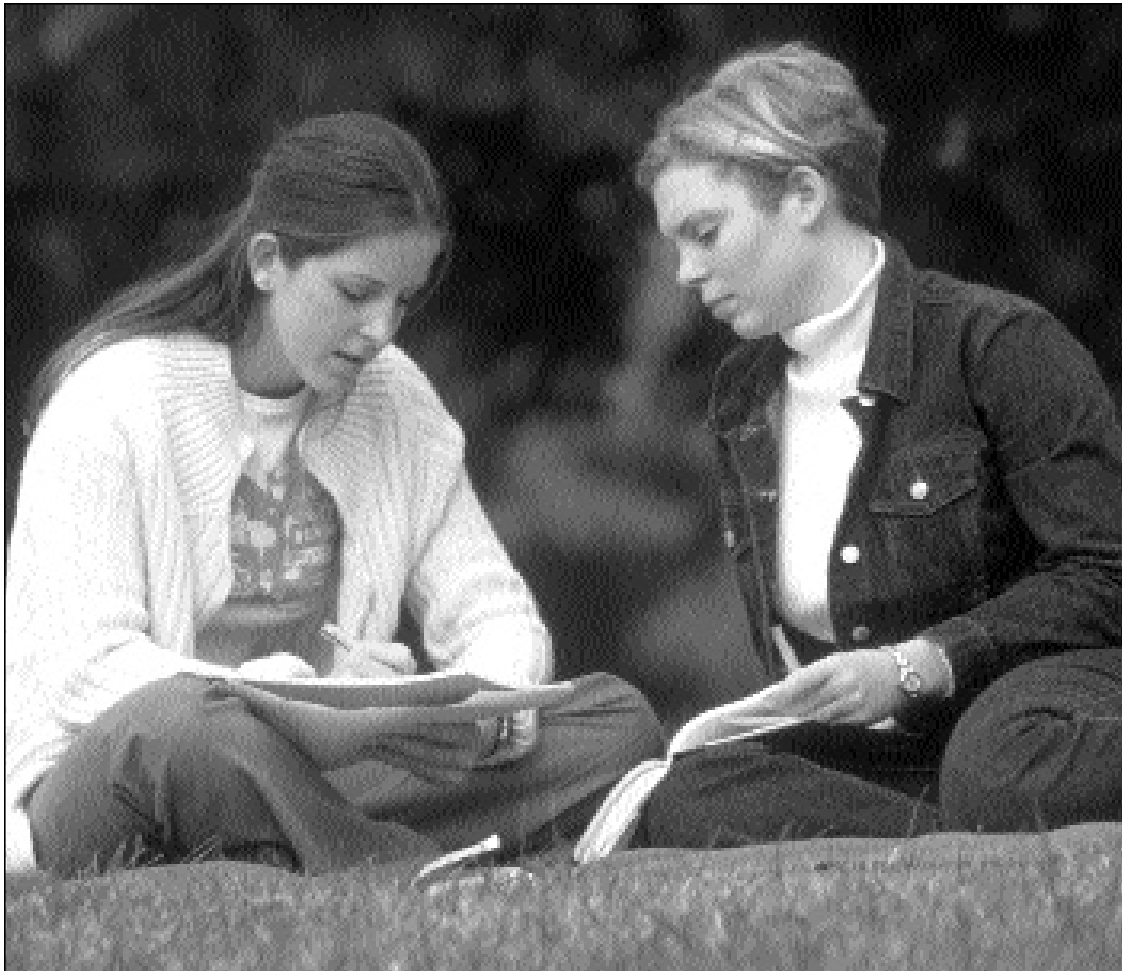
Attendance at a minimum of two public lectures or performances on the Rockhurst campus pertaining to Catholic themes or issues is required of Catholic Studies minors. A list of appropriate campus activities will be provided to students each year and the program director will maintain a record of student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



DEPARTMENT OF CHEMISTRY (CH)

<i>Professor</i>	Don E. Gibbs, Ph.D. Rev. James D. Wheeler, S.J., Ph.D.
<i>Associate Professor</i>	James M. Chapman, Ph.D. (Chair) Dale W. Harak, Ph.D. D. Philip Colombo, Jr., Ph.D.
<i>Assistant Professor</i>	Annie Lee, 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 skillful 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:

- ◆ 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 a chemistry seminar. In addition the student must select a minimum of two credit hours from the following, or their equivalent: CH 3320, CH 4460, research projects, or special topics courses.

- ◆ 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 and a chemistry seminar, 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 2630. 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 SCII)

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)

CH 2710. Organic Chemistry I (3)

Basic principles including some theoretical considerations of structure and mechanism and interpre-

tation of spectrometric data. Intended for students majoring in the natural or physical sciences. Lecture three hours a week. Prerequisite: CH 2630. Corequisite: CH 2720. (SCII)

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. (SCII)

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. Prerequisites: CH 2710. Recommended: CH 3450.

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 concurrently: 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.
- CH 3510 (PH 3510). Physical Chemistry I** (3)
Basic principles of physical chemistry with emphasis on thermodynamics and equilibria. Lecture three hours a week. Prerequisites: 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 concurrently: 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 concurrently: CH 3530 (PH 3530).
- CH 3550. Biophysical Chemistry** (3)
Basic principles of physical chemistry that have applications in the life sciences. Topics to be covered include thermodynamics, equilibrium, kinetics, quantum mechanics, molecular structure and spectroscopy. Applications of these topics to biological systems will be emphasized. Prerequisite: PH 2900, CH 3450, and MT 1810; or instructor approval.
- 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 electrometric methods and chromatography are emphasized with a survey of spectrophotometry. Lecture two hours a week. Laboratory three and a half hours a week. Lab fee. Prerequisites: CH 2730 and CH 3450.
- CH 4450. Instrumental Analysis II** (3)
The principles and methods of spectrophotometry are emphasized with a survey of chromatography and electrochemistry. Lecture two hours a week. Laboratory three and a half hours a week. Lab fee. Prerequisites: 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. Prerequisites: 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: CH 4610 or concurrent 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. Prerequisites: CH 2730/2740, junior standing and department approval.

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

CH 4830. Advanced Analytical Chemistry (1-3)
Specialized readings and lectures in analytical chemistry. Lectures arranged. Prerequisites: 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. Prerequisites: CH 3330 (or concurrent) 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.

CLINICAL LABORATORY SCIENCES (CLS) (Formerly Medical Technology)

Associate Professor Janet Cooper, Ph.D. (Program Director)

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 (NAACLS), include specific courses in chemistry, biological sciences and a minimum mathematics proficiency.

Upper-level professional course work is taken at one of the affiliated hospitals. Graduates of the program are eligible to challenge either of two nationally recognized certification examinations to become clinical laboratory scientists or medical technologists. (Graduation is not, however, contingent upon passing any type of certifying examination.)

Undergraduate students interested in clinical laboratory sciences may apply directly to the program. Applications are obtained from the academic director on campus, or from the specific program of an affiliate.

Students may elect one of two routes of entry into the program. Students who are seeking a baccalaureate degree in clinical laboratory sciences from Rockhurst University must complete 98 semester hours and all non-clinical degree requirements before beginning the professional component at a hospital site. The professional component lasts approximately one calendar year. Upon successful completion of the clinical laboratory sciences course work, the student is awarded a Bachelor of Science degree in clinical laboratory sciences.

Students may choose to complete a degree with a major in chemistry, biology, or other related area, including the specific required courses for clinical laboratory sciences admission, and then apply directly to one of the affiliated hospitals for admission to clinical laboratory sciences as a non-degree student. Students considering this option should discuss the relative advantages with the academic director and the program director.

- 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 biologic 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

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

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. To achieve this, the student may select one of two majors: Communication or Business Communication. Students choosing a Communication major may select one of two tracks: communication theory or media. Students may choose from two minors in Communication as well. 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)

<i>Associate Professor</i>	Peter J. Bicak, Ph.D. (Chair)
<i>Assistant Professor</i>	Laura A. Janusik, Ph.D.
	Michael K. McDonald, Ph.D.
	Sam Mwangi, 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 in broadcast journalism or video production. 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 and Media (including broadcast 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 may choose one track from two tracks available in the Communication major as a whole: Communication Theory or Media. The upper-division Communication requirements (nine 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 3200, CT 3600, CT 3840, CT 3850, CT 4350, CT 4750, or CT 4990 Special Topics.
- 2) **Media track:** CT 4890 and three of the following upper-division communication and/or journalism courses: CT 3200, CT 3880, CT 3900, JN 3000, JN 3030,

JN 3050, JN/CT 4170, JN/CT 4180, JN 4990 Special Topics or CT 4990 Special Topics.

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

There are two tracks for the Communication minor:

1. **Communication track:** The student must take JN 2000, CT 2040, CT 4870, and any nine hours of upper-division communication courses.
2. **Journalism track:** The student must take JN 2000, JN/CT 4180, CT 2200, CT 4890, and any six hours of the following courses: JN 3000, JN 3030, or JN 3050. A writing sample is required for entry into this track.

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 2040. Interpersonal Communication (3)

Application of communication theory to face-to-face spontaneous interaction. Emphasis on acquiring skills in human relations, conflict management and group communication. Designed for analysis and evaluation of philosophies and behaviors which apply in effective and appropriate interpersonal exchange. 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. (OCP)

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)

Theoretical and practical course to retrain students for listening for competence and productivity. Techniques, skills, and research approaches applied to discriminative, evaluative, appreciative, empathic, and self 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 3190. Media Performance (3)

A course in the preparation, presentation and criticism of radio and television performance. Vocal and verbal skills used in announcing, interviewing and narration are applied to news, education, and commercials. Laws of slander are studied. Lab includes audio and video media. 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 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 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 organizational 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 (1)

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 (3)

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 (3)

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 (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)

CT 3880. Radio Programming and Production (4)

A course in the writing, production and evaluation of radio programs. Includes analysis of demographics, formats and trends. FCC regulations, copyright laws and ethical codes are studied. Lab applies electronic theory to operation of audio systems. Laboratory fee. Prerequisite: CT 2200.

CT 3900. Video Production (4)

A lecture and lab course in the fundamentals of writing, producing and evaluating television programs. Emphasis is on news and documentary. Lab includes basic ENG, editing, and lighting. Laboratory fee. Prerequisite: CT 2200.

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 resumé, 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 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.

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)

A study of the principles and processes unique to group situations, with an emphasis on the structure of leadership, roles, norms, task and social functions. Problem solving, decision making and conflict resolution. Prerequisite: CT 2000.

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. Prerequisites: Junior standing and instructor approval.

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.

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. Prerequisites: Junior standing, upper-level courses relating to the specific internship, and internship faculty advisor approval.