
COMPUTER SCIENCE (CS)

(Department of Mathematics, Computer Science and Physics)

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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)
Fall and spring semester

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 (2)
Laboratory

Fall and spring semester

A laboratory designed to give students "hands-on" experience with the topics covered in CS 1010. Laboratory fee. Corequisite: CS 1010.

CS 1040. Introduction to Web Design (3)
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. Prerequisites: MT 1190 Precalculus or MT 1510 Discrete Structures or MT 1800 Calculus I; or concurrently. 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. Laboratory 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. Laboratory 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. Prerequisites: 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. Prerequisites: 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). Laboratory 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.

ENGINEERING SCIENCE (ES)

(Division of Natural, Applied and Quantitative Sciences)

Professor Robert F. Hegarty, Ph.D. (Program Director)

John G. Koelzer, M.S.

Assistant 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 or concurrently.
- 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: MT 1810 Calculus II and PH 2800 General Physics I or concurrently.
- 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.

DEPARTMENT OF ENGLISH (EN)

<i>Professor</i>	Joseph A. Cirincione, Ph.D. Charles M. Kovich, Ph.D. (Chair) Patricia Cleary Miller, Ph.D. Rev. Louis J. Oldani, S.J., Ph.D.
<i>Associate Professor</i>	Margaret E. Wye, Ph.D.
<i>Assistant Professor</i>	John Kerrigan, Ph.D. Daniel Martin, Ph.D.

Once, during the Academy Award presentations, Steven Spielberg reminded his audience that the camera releases the power of the written word. Using the imagination of the student instead of the camera, literature courses engage the student in that same process. The study of the written word, including drama, poetry, novel, short story, and essay, enlarges students' sensibilities, enriches their intellectual lives, broadens their imaginations, and strengthens their critical thinking. In other words, the study of literature educates the whole person, making clear what it means to be human.

With Francis Bacon, the English department believes that reading makes a full person...and writing an exact person; these are hallmarks of a liberally educated person. Thus, our rhetoric courses, introductory to advanced, emphasize critical thinking through reading and writing. First, by analyzing the works of great writers who have affected the way people think, writers like Plato, Machiavelli, Swift, Dickens, O'Connor, students learn to clarify their own thoughts. Second, by writing after reflection and evaluation, students learn to present what they know and feel, their judgments and choices, to their own minds and to an audience.

Building upon introductory courses in rhetoric and literature, the English major: 1) advances the students' rhetorical skills both in writing and in analytical reading; 2) broadens their experience of literary types while deepening their understanding of the major developments in British and American literature; 3) strengthens the students' grasp of the methods of literary study, thus enabling them to make informed and independent judgments about literature; 4) enriches the students' experience of language in linguistics and in advanced writing study.

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 2710, EN 2720, or EN 2730). 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 fulfill 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 prerequisites 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 idiom 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.) Prerequisites: 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 2300. English Literature: Anglo-Saxon to Renaissance (3)

A lower-division treatment of material in EN 3300. A survey of English literature from the Anglo-Saxons to and including the Renaissance. Emphasis is on Chaucer, Spenser, Shakespeare, Bacon, Donne and the Metaphysical poets. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150.

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 Romantics. 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. Laboratory fee.

EN 2710, 2720, 2730. World Masterpieces I, II, and III (3 hrs. each)

A survey of the literature by major authors, with attention given to historical and artistic contexts, in the western world and in the near east. The course examines several major genres of literature and studies themes, forms, and styles in literary works. Attention is given to the traditions the works exemplify (I) from the Classical Heroic Age to the Middle Ages; (II) from the High Middle Ages through the Renaissance; (III) from the Age of Reason into the Contemporary World. Prerequisite: EN 1110/1120, 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 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*, *Gammerergergurtton'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, Smart 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 selected letters and excerpts from influential biographical works. The final highlight of the course is the viewing and reviewing of the recent revival of Austen's work in the cinema and the critical response thereto. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3530. The Romantic Period (3)

Exploring major themes of English Romanticism, e.g., rebellion, self-assertion, primacy of feelings, imaginative perception, the course focuses upon social critics like Mary Wollstonecraft and Thomas Paine; novelists like Mary Shelley and the Brontë sisters; and, above all, poets like Blake, Wordsworth, Coleridge, Byron, Shelley and Keats. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150, and one Level I Literary Mode course. (LTII)

EN 3550. The Victorian Period (3)

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. (LTII)

EN 3600. American Literature I (3)

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 (3)

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 (3)

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 (3)

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 (3)

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 (3)

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 (3)

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 (3)

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 socioeco-

conomic backgrounds. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (LTII)

EN 3830. Utopian and Anti-Utopian Literature (3)

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 (3)

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. (LTII)

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 chasms, torture and terror, and the supernatural – clairvoyance, dreams, ghosts. This course studies a series of representative texts 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 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 McKinnon, and Mary Daley 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 4060. Classical Roots and Modern Harvests: Tradition and Growth in Literature (3)

This course studies the classical roots in Greece and Rome that led to the development of modern literature. It examines the varied evolution of classical themes and types of literary works in a comparative manner, attempting to view the growth of literature in an historical continuity where pieces of literature interact with and transform one another. Some attention is given to the changing tastes and habits of audiences as genres and themes diversify through time. Prerequisite: EN 1110/1120, or EN 1140, or EN 1150. (For the SPS core.)

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 foundations 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. (LTII)

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 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. Afro-American Literature (3)

This course studies major works by major black writers by addressing one or two selected themes

developed in a variety of genres. The authors studied, predominantly of the 20th century, spans 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 Afro-Americans to the larger body of American literature and exploring the ways Afro-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 Marvel'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, and 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 compatriots 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 sec-

ondary 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 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 Sapho, 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 of faculty from areas relevant to the student's project. This course is also available as an advanced offering in the writing track of the English major. Prerequisite: EN 4180.

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. Prerequisites: Senior standing and department chair approval.

FRENCH (FR)

See: 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 with 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: 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 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)
- 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)

DEPARTMENT OF HISTORY (HS)

<i>Professor</i>	Richard J. Janet, Ph.D. Genevieve Robinson, O.S.B., Ph.D. (Chair)
<i>Associate Professor</i>	Rev. Edward K. Burger, S.J., Ph.D.
<i>Assistant Professor</i>	Faith Childress, Ph.D. Thomas Ward, Ph.D.
<i>Lecturer</i>	W. Joseph Fossati, Ph.D.

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 seventeenth 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, Homeric 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, early Christianity. (HSII)

HS 3050. Medieval History (3)

Topics include Christianity in the late Roman Empire, the barbarian invaders, Byzantium, Islam, the Carolingian Empire, feudalism, manorialism, revival of town life, monasticism, the Crusades, the university, the cathedral, the Investiture Controversy, the English Parliament, the Black Death, the Hundred Years' War. (HSII)

- HS 3100. Renaissance and Reformation** (3)
Topics include humanism, art, and literature in Italy and northern Europe; the voyages of discovery; the causes of the Reformation; Luther, Calvin, Henry VIII; the radical reformers; the Catholic Counter-Reformation; the Council of Trent; the Society of Jesus; the Wars of Religion. (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; Enlightened Despotism; France on the eve of the Revolution. (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 course 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.
- 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 rebelled 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; Sectionalism 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 aftermath, 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 move-

ments 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 colonialization 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: Junior standing or above. Concurrent: HS 4000.