

**Descriptions - RESOURCE DEVELOPMENT
of
Courses**

**865. Community Systems for
Community Development**
(816.) Winter. 4(3-2) R D 864 or
approval of department. Interdepartmental
with the Department of Family Ecology.

Basic systems of the community, their functions
and interrelatedness; the family, economic,
government, education, and supportive service
systems. Field trips required.

**866. Community Development
Field Study**

(816.) Spring. 4(2-4) R D 865 or
approval of department. Interdepartmental and
jointly administered with the Department of
Family Ecology.

On-site study of major community systems.
Individual or group investigation of community
efforts, problems, and opportunities. Field project
required.

880. Individual Study

Fall, Winter, Spring, Summer. 1 to 6
credits. May reenroll for a maximum of 10
credits. Approval of department.

Supervised readings. Independent study of
selected topics.

881. Selected Topics

Fall, Winter, Spring, Summer. 1 to 6
credits. May reenroll for a maximum of 10
credits. Approval of department.

889. Master's Research

Fall, Winter, Spring, Summer. 1 to 5
credits. May reenroll for a maximum of 5
credits. Approval of department.

Master's degree Plan B research paper.

899. Master's Thesis Research

Fall, Winter, Spring, Summer.
Variable credit. Approval of department.

**910. Resource Economics
Proseminar**

Spring. 3(3-0) May reenroll for a
maximum of 9 credits. Approval of department.
Interdepartmental with the departments of
Forestry, and Agricultural Economics.
Administered by the Department of Forestry.

A seminar wherein advanced graduate students in
the fields of resource economics participate with
faculty in the joint conduct of a major research
project in resource economics and policy.

**960. Simulation Models in
Natural Resource Management**

Winter of odd-numbered years. 3(3-0)
R D 855 and knowledge of FORTRAN
programming or approval of department.
Interdepartmental with the Department of
Forestry.

The role of simulation models in developing
management strategies. Applications of computer
simulation in natural resources. Modeling of
decision systems in natural resources
management.

981. Advanced Topics

Fall, Winter, Spring. 3(3-0) May
reenroll for a maximum of 12 credits. Doctoral
students.

Topics in different resources (land, water, air,
minerals, energy) and resource problems
(production, transportation, distribution).

**999. Doctoral Dissertation
Research**

Fall, Winter, Spring, Summer.
Variable credit. Approval of department.

**ROMANCE AND
CLASSICAL LANGUAGES**

College of Arts and Letters

Students who have had high school work in the
foreign language in which they wish to continue
their studies must take a placement examination
in that language. Placement in the appropriate
course is determined by the results of this
examination. University credit is not given for
courses waived by performance on the placement
examination.

Romance Language Courses ROM

**IDC. Introduction to Latin
America I**

For course description, see
Interdisciplinary Courses.

**IDC. Introduction to Latin
America II**

For course description, see
Interdisciplinary Courses.

**IDC. Introduction to Latin
America III**

For course description, see
Interdisciplinary Courses.

**241. Masterpieces of the Romance
and Classical Literatures in English
Translation (A)**

Fall. 4(4-0)

Great books in Greek and Latin literatures, as
well as in French, Italian and Spanish Medieval
literatures. Readings from such writers as
Sophocles, Homer, Dante, and Villon. Guest
lectures by specialists on the various works.

**242. Masterpieces of the Romance
Literatures in English Translation
(A)**

Winter. 4(4-0)

Themes, genres and movements transcending
national boundaries in French, Italian, and
Spanish literatures of the 16th through 18th
centuries. Topics such as the picaresque tradition,
the spirit of the Renaissance, neoclassical theatre,
the novel, and the Enlightenment.

**243. Masterpieces of the Romance
Literatures in English Translation
(A)**

Spring. 4(4-0)

Emphasis on literary works from the nineteenth
and twentieth centuries of the old and new worlds.
Topics such as the novel, existentialism, and the
development of the theatre. Guest lectures by
specialists on the various works.

299. Special Projects

Fall, Winter, Spring, Summer.
Variable credit. May reenroll for a maximum of
18 credits. Approval of department.

Work in areas outside regular course offerings.

310. Latin America Today

Fall. 3(3-0) Juniors.

Major problems and conflicts determining the
cultural development of contemporary Latin
America as a whole.

311. Latin America Today

Winter. 3(3-0) Juniors.

Cultural life of Latin America as reflected in its
literary production, especially in the novel as the
most striking interpretation of its social problems.

312. Latin America Today

Spring. 3(3-0) Juniors.

Intellectual currents in Latin America. Role of
the intellectual leaders in molding the cultural life
of Latin America.

**350. The Contemporary Romance
Film**

(220.) Fall, Winter, Spring. 4(2-4) May
reenroll for a maximum of 8 credits. U C 210 or
TC 280 recommended. Interdepartmental with
Italian, French, Spanish.

Development of the student's esthetic and cultural
appreciation of films by outstanding European
directors, most notably, those of France, Italy,
and Spain.

**401. Introduction to Spanish
Bilingual/Bicultural Education**

Winter, Spring, Summer. 4(4-0)

Approval of department.

The development and implementation of bilingual
materials in the classroom, investigation of
curriculum from an applicational perspective,
visitation and observation of bilingual classes for
the Spanish-speaking American.

**418. Scandinavian Contributions
to Literary Tradition**

Winter. 3(3-0) Approval of department.

Interdepartmental with the departments of
German and Russian, and English. Administered
by the Department of German and Russian.
Continuation of ROM 417.

IDC. Canadian-American Studies

For course description, see
Interdisciplinary Courses.

**498. Topics in Comparative
Literature**

Fall, Winter, Spring. 3(3-0) or 4(4-0)

May reenroll for a maximum of 12 credits if
different topics are offered. Interdepartmental
with the departments of English, and German
and Russian.

Varying topics on relationships among writers,
themes, genres, movements, and periods in
different national literatures, and between
literature and other arts.

499. Special Projects

Fall, Winter, Spring, Summer.
Variable credit. May reenroll for a maximum of
18 credits. Approval of department.

Work in areas outside regular course offerings.

**800. Research Methods and
Bibliography of the Romance
Literatures**

Fall. 3(3-0) Recommended for first-
year graduate students.

Methods of research, basic bibliographical tools,
critical terminology and techniques of scholarly
writing, library procedures.

801. Romance Philology

Spring of even-numbered years. 3(3-0)

FRN 805 or SPN 805.

Examination of the relatedness of the Romance
Languages: common source Latin lexicon,
phonological system, grammar. Concentration on
the three major Romance Languages, French,
Italian, Spanish, with some attention to all others.

- 805. History of Literary Criticism**
Fall, Winter. 3(3-0) May reenroll for a maximum of 6 credits.
Literary criticism from Classical antiquity to the present. Emphasis is on theories of literary composition and analysis. Fall: Classical Antiquity through the Renaissance. Winter: Neoclassicism to present.
- 815. Theory of Literature**
Spring. 3(3-0) May reenroll for a maximum of 6 credits.
Modern critical theories in the Romance literatures, such as French existentialist and structuralist schools, Spanish and Italian theorists such as Ortega y Gasset and Benedetto Croce.
- 825. Comparative Literature: Studies in Theme and Idea**
Fall. 3(3-0) May reenroll for a maximum of 9 credits. Interdepartmental with the departments of English, and German and Russian.
Myths, archetypes, "Topoi," significant ideas and intellectual currents in different periods and cultural traditions.
- 856. Comparative Literature: Literature and Other Disciplines**
Winter. 3(3-0) May reenroll for a maximum of 9 credits. Interdepartmental with the departments of English, and German and Russian.
Relations between literature and the sciences and other arts; social, historical, psychological, philosophical bases of literary study.
- 878. Comparative Literature: Methods in the Study of Comparative Literature**
Fall. 3(3-0) Interdepartmental with the departments of English, and German and Russian. Administered by the Department of English.
Rationale and techniques of study in comparative literature.
- 902. Comparative Literature: Studies in Form and Genre**
Winter. Spring. 3(3-0)
Interdepartmental with the departments of English, and German and Russian. Administered by the Department of English.
Development and interrelationships of individual and collective forms and genres of literatures of the Western world, including the drama, tragedy, the novel, the short story, the theory and forms of poetry, popular literature, and the tale.
- 903. Comparative Literature: Studies in Periodization**
Fall, Winter, Spring. 3(3-0)
Interdepartmental with the departments of English, and German and Russian. Administered by the Department of English.
Analyses of the manner in which various genres, conventions and continuing traditions of literature interact with the creative and critical climates of particular periods and movements, such as classicism, the Middle Ages, the baroque, or romanticism, in qualifying or modifying characteristic literary works.
- 987. Seminar: Special Topics in Comparative Literature**
Spring. 3(3-0) Advanced graduates.
Interdepartmental with the departments of English, and German and Russian.
- Classical Studies**
- 220. English from Greek and Latin Roots**
Fall. 3(3-0) Interdepartmental with the Department of English.
Prefixes, roots, suffixes derived from Greek and Latin word elements used in formation of English words. Useful for improving vocabulary and spelling.
- 221. Scientific Terminology**
Spring. 3(3-0)
Basic Latin and Greek roots employed in scientific terminology in medicine, biology, pharmacology, chemistry, physics and other areas.
- 299. Special Projects**
Fall, Winter, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 9 credits. Approval of department.
Independent study in Greek, Latin, and classical studies outside regular course offerings.
- 304. Masterpieces of Greek and Latin Literature in English Translation**
Winter. 3(3-0)
Major Greek and Latin authors in English translation.
- 305. Greek and Roman Epic in English Translation**
Spring. 3(3-0)
The "Illiad", "Odyssey", "Aeneid", and selections from other ancient epics, in English translation.
- 306. Greek and Roman Drama in English Translation**
Fall of odd-numbered years. 3(3-0) Sophomores.
Major Greek and Roman plays in English, with emphasis on themes and structures in the historical context.
- 319. Greek Mythology: Gods**
Fall. 3(3-0)
Nature of Greek myth, its place in Greek society and relationship to myths of other ancient cultures. Emphasis placed upon myths of Greek gods.
- 320. Greek Mythology: Heroes**
Winter. 3(3-0)
Nature of Greek myth, its place in Greek society and relationship to myths of other ancient cultures. Emphasis placed upon myths of the hero.
- 325. Greek and Roman Religion and Cults**
Fall. 3(3-0)
Religious life of the Greeks and Romans, with emphasis on cults and priesthoods, festivals and sacrificial rites, and the ecstatic and mystic movements.
- 326. Greek Civilization**
Spring. 3(3-0) Sophomores.
Greek civilization and its contribution to the modern world in such areas as government, art, architecture, literature, philosophy, science, religion, education, and private life.
- 327. Roman Civilization**
Winter. 3(3-0)
Survey of the essential features of Roman civilization: literary history, art, architecture, archaeology, political institutions, private life, and contributions to modern civilization.
- CLA**
- 330. Women in Greek and Roman Society**
Fall of even-numbered years. 4(4-0)
Image, role and status of women in Greek and Roman societies as shown by literary sources. Comparative approach with modern studies concerning women. Readings in English.
- 499. Special Projects**
Fall, Winter, Spring, Summer. 1 to 12 credits. May reenroll for a maximum of 12 credits. Approval of department.
Independent study in Greek, Latin, and classical studies outside regular course offerings.
- French**
- FRN**
- 101. Elementary French**
Fall, Winter, Spring. 4(4-1) For students with no previous instruction or experience except by approval of department.
Pronunciation, grammar, oral drill, and easy reading.
- 102. Elementary French**
Fall, Winter, Spring. 4(4-1) FRN 101 or placement at FRN 102 level.
Continuation of FRN 101.
- 103. Elementary French**
Fall, Winter, Spring. 4(4-1) FRN 102 or placement at FRN 103 level.
Continuation of FRN 102.
- 105. Intensive Elementary French**
Winter, Spring. 8(8-2) FRN 101 with a 3.0 grade or better, or approval of department. May not receive credit for both FRN 105 and FRN 102, FRN 103.
Combination of FRN 102 and FRN 103 in one term. Students may complete two years of language study in one year by taking FRN 101 in fall, FRN 105 in winter and FRN 204 in spring.
- 110. French Diction Practicum**
Winter. 1(0-2) Primarily for majors in music-voice.
Practice and training in French pronunciation, diction, and prosody; introduction to the fundamentals of French grammar necessary for the recitation of art songs.
- 111. French for Travelers**
Spring. 2(3-0) Does not count towards major or minor in French.
Essential French for travelers: grammar, vocabulary and useful phrases. Introduction to French culture and life through visual aids, lectures.
- 121. Reading French for Beginners**
Fall. 3(3-0) Not recommended for majors.
Acquisition of reading techniques and basic vocabulary for those who want to learn to read French rather than to speak and write it.
- 122. Reading French for Beginners**
Winter. 3(3-0) FRN 121.
Continuation of FRN 121.
- 201. Second-Year French**
Fall, Winter, Spring, Summer. 4(4-1) FRN 103 or FRN 105.
Continuation of oral practice, intensive, organized review of grammar and development of techniques in reading.

Descriptions – ROMANCE AND CLASSICAL LANGUAGES

of

Courses

- 202. Second-Year French**
Fall, Winter, Spring, Summer. 4(4-0)
FRN 201.
Continuation of FRN 201. Discussion of reading conducted in the language. Formal writing on topics directly related to reading materials.
- 203. Second-Year French**
Fall, Winter, Spring, Summer. 4(4-0)
FRN 202.
Continuation of FRN 202.
- 204. Intensive Second-Year French**
Fall, Winter, Spring, Summer. 10(10-1)
FRN 103 or FRN 105. May not receive credit for both FRN 204 and FRN 201, FRN 202, FRN 203.
Intensive second year, combining in one term the work of FRN 201, FRN 202, FRN 203.
- 221. Intermediate Reading French**
Fall, Winter, Spring. 4(4-0) FRN 103 or FRN 122 or approval of department.
For students wishing to improve their reading skills. Material chosen from various disciplines to suit individual interests when possible.
- 299. Special Projects**
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits. Approval of department.
Work in French outside regular course offerings.
- 300. French Phonetics**
Fall, Winter, Spring. 3(3-0) FRN 203.
A practical, remedial study of pronunciation and diction. Use of the language laboratory.
- 311. Advanced Oral French**
Fall, Winter, Spring. 2(3-0) or 3(5-0)
May reenroll for a maximum of 6 credits. FRN 203 or approval of department.
Practical work in using and understanding spoken French.
- 321. Advanced French Grammar and Composition**
Fall, Winter. 3(3-0) FRN 203.
Course conducted largely in French. Difficult points in grammar with practice in writing.
- 322. Composition**
Winter, Spring. 3(3-0) FRN 321.
Extensive practice in writing.
- 327. Contemporary French Society and Culture**
Winter, Spring. 3(3-0) May reenroll for a maximum of 6 credits. FRN 311 or approval of department.
Various aspects of the political, social, economic, intellectual, artistic and literary life of contemporary France; increasing facility in understanding, reading and speaking of its language. Material, read in the original, is drawn mostly from twentieth century French writings, and used as a basis for class discussion in French.
- 341. French Literary Masterpieces in English Translation**
Fall, Winter, Spring, Summer. 3(3-0)
May reenroll for a maximum of 9 credits. Not open to French majors; recommended for nonmajors.
Masterpieces of French literature from the Middle Ages to the present, varying in content each term: e.g., the classical drama, the modern novel, the theatre of the absurd.
- 350. The Contemporary Romance Film**
(220.) Fall, Winter, Spring. 4(2-4) May reenroll for a maximum of 8 credits. U.C. 210 or TC 280 recommended. Interdepartmental with and administered by the Department of Romance and Classical Languages.
Development of the student's esthetic and cultural appreciation of films by outstanding European directors, most notably, those of France, Italy and Spain.
- 351. Introduction to Literature**
Fall, Winter, Spring 4(4-0) FRN 203.
Close reading and interpretation of French drama and the short story. Methods and language of literary criticism. Study of form and expression in major literary works.
- 352. Introduction to Literature**
Fall, Winter, Spring. 4(4-0) FRN 203.
Close reading and interpretation of French poetry and the novel. Methods and language of literary criticism. Study of form and expression in major literary works.
- 400H. Honors Work**
Fall, Winter, Spring. Variable credit.
Approval of department.
- 411. French for Graduate Students**
Fall, Winter, Summer. 3(3-0) Graduate students or approval of department. Not recommended toward graduate degrees.
Reading skills for graduate students of other departments.
- 412. French for Graduate Students**
Winter, Spring, Summer. 3(3-0) FRN 411. Completion of FRN 411 and FRN 412 with grades of 3.0 or better will satisfy the graduate reading requirements in most departments. Not recommended for credit toward graduate degrees.
Continuation of FRN 411.
- 420. French Phonology**
Fall. 4(4-0) FRN 300.
Theoretical phonetics and phonology, articulatory and acoustic, of French standard language and selected dialects.
- 421. Contrastive Structure of French and English**
Winter. 4(4-0) FRN 300.
Recommended for prospective teachers.
Contrastive structure of French and English. Comparison of modern French and American English as language systems; phonology and grammar.
- 422. Advanced Composition**
Spring. 4(4-0) FRN 322. Recommended for prospective teachers.
Consideration of the basic stylistic elements. Intensive exercises in writing French through literary translations and compositions.
- 423. Advanced Syntax**
Fall. 4(4-0) FRN 322. Recommended for prospective teachers.
Descriptive and proscriptive grammar and syntax.
- 435. Development of French Culture and Thought**
Fall, Winter, Spring, Summer. 4(4-0)
May reenroll for a maximum of 12 credits. FRN 327 or approval of department.
The social, political, intellectual, and artistic life of France from Charlemagne to the present day, studied in its relationship to the French language, literature and culture.
- 450. Major Authors of the Middle Ages**
Fall, Spring. 4(4-0) May reenroll for a maximum of 8 credits. FRN 351 and FRN 352 or approval of department.
Selected readings in modern French versions from the epic, romance, farce, mystery and miracle plays, "Roman de la Rose", Fabliaux, satire, and lyric poetry from the troubadours to Villon.
- 455. Major Authors of the Sixteenth Century**
Fall, Winter. 4(4-0) May reenroll for a maximum of 8 credits. FRN 351 and FRN 352 or approval of department.
Major currents of the Renaissance and Reformation as reflected in the writings of Rabelais, Marguerite de Navarre, Montaigne, Marot, Sceve, Lave, and Pleiade poets, d'Aubigne. Close analysis of selected texts.
- 460. Major Authors of the Seventeenth Century**
Fall, Winter. 4(4-0) May reenroll for a maximum of 8 credits. FRN 351 and FRN 352 or approval of department.
Major currents in seventeenth century French literature. Close examination of texts by such authors as Corneille, Racine, Moliere, Descartes, Pascal, Madame de Lafayette, LaFontaine and La Bruyere.
- 465. Major Authors of the Eighteenth Century**
Winter, Spring. 4(4-0) May reenroll for a maximum of 8 credits. FRN 351 and FRN 352 or approval of department.
The Enlightenment and Pre-Romanticism, including Montesquieu, Voltaire, Diderot, Rousseau. Literary expression of Enlightenment in contes philosophiques, drama, novel, dialogue.
- 470. Major Authors of the Nineteenth Century**
Winter, Spring. 4(4-0) May reenroll for a maximum of 8 credits. FRN 351 and FRN 352 or approval of department.
The Romantic movement; Realism, Naturalism, Parnasse and Symbolism; including Hugo, Vigny, Balzac, Stendhal, Nerval, Baudelaire, Flaubert, Mallarme, Zola and others.
- 475. Major Authors of the Twentieth Century**
Fall, Winter, Spring. 4(4-0) May reenroll for a maximum of 12 credits. FRN 351 and FRN 352 or approval of department.
Representative novels, plays, and poetry emphasizing the Entre-Deux-Guerres and Existentialist school. Appollinaire, Beckett, Camus, Claudel, Genet, Gide, Ionesco, Malraux, Perse, Proust, Robbe-Grillet, Sartre, and others.
- 481H. Honors Seminar**
Fall, Winter, Spring. 4(3-0) May reenroll for a maximum of 8 credits. One term of any 400-level French course, or approval of department.
Study of a specific author, work, theme or problem. Subject and instructor to be announced each term.
- 485. Literatures of the French-Speaking World**
Spring. 4(4-0) May reenroll for a maximum of 12 credits. FRN 351 and FRN 352 or approval of department.
Significant authors and works of French-language literatures outside metropolitan France, with special emphasis on Africa, Canada and the Caribbean. From their beginnings to the present.

- 499. Special Projects**
Fall, Winter, Spring, Summer. 1 to 4 credits. Approval of department.
Work in areas outside regular course offerings.
- 800. Teaching French in College**
Fall, Winter, Spring. 0 to 3 credits.
May reenroll for a maximum of 3 credits.
Graduate teaching assistant.
Supervised teaching of college classes in French.
- 802. Studies in Old French Language and Literature**
Fall of even-numbered years. Winter and Spring of odd-numbered years. 3(3-0) May reenroll for a maximum of 9 credits.
Readings in Old French organized by subject, genre, and period, selected from the chanson de geste; romance; chronicle; saints' lives; drama; lyric poetry; and didactic writings.
- 803. Workshop for Teachers of French**
Summer. 1(1-0) to 6(6-0) May reenroll once when the theme is different. Primary, secondary, community college teachers of French or approval of department.
In-service training and enrichment for teachers of French; emphasis on cultural patterns, methodology, and improvement of language and linguistic proficiency.
- 804. Stylistics**
Fall of odd-numbered years. 3(3-0) May reenroll for a maximum of 6 credits.
The principles of French literary style, exemplified by representative selections from distinguished modern authors. Conducted in French.
- 805. Development of the French Language**
Fall of even-numbered years. 3(3-0) May reenroll for a maximum of 6 credits.
Sound changes, morphological development, texts, dialect materials, and works of important grammarians, from Vulgar Latin to the present.
- 808. French Linguistics**
Winter of even-numbered years. 3(3-0) LIN 401, or knowledge of modern French.
Structure of the French language examined through the methodology of descriptive linguistics: application of the techniques of structuralism, transformational grammar, and distinctive feature analysis.
- 809. Development of French Culture**
Winter and Spring of odd-numbered years. 3(3-0) May reenroll for a maximum of 6 credits. Recommended for teachers.
The growth of French culture with particular emphasis on literature and the other arts, studied in their relation to French language and society.
- 810. Studies in Sixteenth Century Literature**
Spring. 3(3-0) May reenroll for a maximum of 9 credits.
Works of major prose writers and poets of the Renaissance and reformation.
- 820. Studies in Seventeenth Century Literature**
Fall, Spring. 3(3-0) May reenroll for a maximum of 12 credits.
Major authors and selected topics in poetry, drama and prose of the seventeenth century.
- 830. Studies in Eighteenth Century Literature**
Fall, Spring. 3(3-0) May reenroll for a maximum of 9 credits.
Varying topics such as the development of the French novel through "Les Liaisons dangereuses"; post-classical tragedy, comedy and the "genre sérieux"; evolution of Enlightenment ideals, genres and style; encyclopedists and "philosophes".
- 840. Studies in Nineteenth Century Literature**
Winter, Spring. 3(3-0) May reenroll for a maximum of 12 credits.
Major authors and selected topics in poetry, drama and prose of the nineteenth century.
- 850. Form and Development of French Criticism**
Winter of even-numbered years. 3(3-0) May reenroll for a maximum of 6 credits.
First term: The evolution of French critical theory and practice from the Pleiade to World War II, preceded by a brief consideration of Plato and Aristotle as the founder of literary criticism.
Second term: Various contemporary French approaches to literary criticism: structural, thematic existential, marxist, psychological and others.
- 860. Graduate Reading Course**
Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 15 credits. Approval of department.
Supervised reading course for investigation of special fields.
- 865. Studies in Twentieth Century Literature**
Fall, Winter. 3(3-0) May reenroll for a maximum of 12 credits.
Major authors and selected topics in poetry, drama and prose of the twentieth century.
- 871. Studies in Literatures of French Expression**
Fall, Spring. 3(3-0) May reenroll for a maximum of 6 credits. Approval of instructor.
Leading figures and/or themes and movements of French-language literatures outside France: the literature of the "colonial period", Negritude, Engagement and Revolution, Literatures of contestation and independence.
- 899. Master's Thesis Research**
Fall, Winter, Spring, Summer. Variable credit. Approval of department.
- 981. Seminar in French Literature**
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 18 credits.
A particular writer, a major work, or a limited theme is chosen for intensive analysis. The topic and professor of the course change each term.
- 999. Doctoral Dissertation Research**
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 36 credits.
- 102. Elementary Greek**
Winter. 4(4-1) GRK 101.
Continuation of GRK 101.
- 103. Elementary Greek Reading**
Spring. 4(4-1) GRK 102.
Translation of Greek readings.
- 200. Greek Prose**
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. GRK 103 or approval of department.
Selections from such prose authors as Plato, Herodotus, Xenophon and Aristotle. Rapid review of Greek grammar.
- 221. New Testament Greek**
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. GRK 103 or approval of department.
Selected readings in the New Testament in Greek.
- 299. Special Projects**
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits. Approval of department.
Work in Greek outside regular course offerings.
- 300. Greek Epic and Drama**
Fall, Winter, Spring. 4(4-0) May reenroll for a maximum of 12 credits. A 200 level Greek course or approval of department.
Selections from Homer, Sophocles, Euripides or Menander.
- 400H. Honors Work**
Fall, Winter, Spring. Variable credit. Approval of department.
- 499. Special Projects**
Fall, Winter, Spring, Summer. 1 to 4 credits. Approval of department.
Individual study in areas outside regular course offerings.
- Italian** **ITL**
- The following courses are offered only in Florence, Italy: 106, 201, 321, 327, 328, 435.
- 101. Elementary Italian**
Fall. 4(4-1) For students with no previous instruction or experience except by approval of department.
Pronunciation, grammar, oral drill, and easy reading.
- 102. Elementary Italian**
Winter. 4(4-1) ITL 101.
Continuation of ITL 101.
- 103. Elementary Italian**
Spring. 4(4-1) ITL 102.
Continuation of ITL 102.
- 105. Intensive Elementary Italian**
Winter, Spring. 8(8-2) ITL 101 with a 3.0 grade or better, or approval of department. May not receive credit for both ITL 105 and ITL 102, ITL 103.
Combination of ITL 102 and ITL 103 in one term. Students may complete two years of language study in one year by taking ITL 101 in fall, ITL 105 in winter and ITL 204 in spring.

Greek

GRK

Descriptions – ROMANCE AND CLASSICAL LANGUAGES

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Courses

- 110. Italian Diction Practicum**
Winter. 1(0-2) Primarily for majors in music-voice.
Practice and training in Italian pronunciation, diction, and prosody; introduction to the fundamentals of Italian grammar necessary for the recitation of 18th and 19th century art songs.
- 201. Second-Year Italian**
Fall. 4(4-0) ITL 103 or ITL 105.
Systematic review of grammar, oral practice, intensive and extensive reading of modern texts.
- 202. Second-Year Italian**
Winter. 4(4-0) ITL 201.
Continuation of ITL 201.
- 203. Second-Year Italian**
Spring. 4(4-0) ITL 202.
Continuation of ITL 202.
- 204. Intensive Second-Year Italian**
Winter. 10(10-1) May not receive credit for both ITL 204 and the sequence ITL 201, ITL 202, ITL 203.
Combination of ITL 201, ITL 202, ITL 203 in one term.
- 299. Special Projects**
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits. Approval of department.
Work in Italian outside the regular course offerings.
- 311. Advanced Oral Italian**
Fall, Winter. 2(3-0) ITL 203.
A practical study of Italian pronunciation, diction, and lexicon.
- 341. Italian Literary Masterpieces in English Translation (A)**
Fall, Winter, Spring, Summer. 3(3-0) May reenroll for a maximum of 9 credits.
Great works of Italian literature, in English translation. Topics will vary each term: e.g., Dante and his works; Italian Renaissance Literature; Modern Italian Literature.
- 350. The Contemporary Romance Film**
(220.) Fall, Winter, Spring. 4(2-4) May reenroll for a maximum of 8 credits. UC 210, TC 280 recommended. Interdepartmental with and administered by the Department of Romance and Classical Languages.
Development of the student's esthetic and cultural appreciation of films by outstanding European directors, most notably, those of France, Italy and Spain.
- 425. The Age of Michelangelo**
Spring. 4(4-0) Approval of department. Interdepartmental with the departments of Art and History. Administered by the Department of Art.
Art, society, and literature in the Italian Renaissance, focussing on the art and poetry of Michelangelo as expressions of the events and concerns of his time.
- 450. Dante and His Times**
Fall. 4(4-0) ITL 203 or ITL 204 or approval of department.
Dante's "Divina Commedia" and minor works within the historical context of the late Middle Ages.
- 455. The Trecento: Petrarch and Boccaccio**
Winter. 4(4-0) ITL 203 or ITL 204 or approval of department.
Major works of Petrarch and Boccaccio with emphasis upon the "Canzoniere" and "Decameron".
- 460. Major Authors of the Renaissance**
Winter, Spring. 4(4-0) May reenroll for a maximum of 8 credits. ITL 203 or ITL 204 or approval of department.
Prose writers and poets of the "quattrocento" and "cinquecento" within the intellectual and cultural tradition of the times. Lorenzo, Poliziano Sannazzaro, Boiardo, Pulci, Ariosto, Machiavelli, Castiglione, Tasso.
- 465. Major Authors of the 17th and 18th Centuries**
Spring of odd-numbered years. 4(4-0) ITL 203 or ITL 204 or approval of department.
Marino and the age of the Baroque, Arcadia and the pastoral drama, main developments in the eighteenth century with emphasis on Vico, Goldoni, Parini and Alfieri.
- 470. Major Authors of the 19th Century**
Winter. 4(4-0) ITL 203 or ITL 204 or approval of department. May reenroll for a maximum of 8 credits.
The development of Italian romanticism with emphasis on Foscolo, Leopardi and Manzoni. Main trends in poetry and prose from 1850-1900: Carducci, Pascoli, D'Annunzio; Verga and Italian realism.
- 475. Major Authors of the 20th Century**
Spring. 4(4-0) May reenroll for a maximum of 8 credits. ITL 203 or ITL 204 or approval of department.
Poetry and drama with emphasis on Pirandello and the hermetic poets: Ungaretti, Montale, Quasimodo. The novels of Svevo, Alvaro, Bassani, Maravia, Calvino, Pavese, Silone, Vittorini.
- 499. Special Projects**
Fall, Winter, Spring, Summer. 1 to 4 credits. Approval of department.
Work in areas outside regular course offerings.
- 202. Vergil**
Winter. 3(3-0) LTN 103.
Latin poetry through the reading of Vergil's "Aeneid".
- 203. Vergil**
Spring. 3(3-0) LTN 202.
Continuation of LTN 202.
- 299. Special Projects**
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits. Approval of department.
Work in Latin outside regular course offerings.
- 304. Cicero's Essays**
Fall. 4(4-0) A 200-level Latin course or approval of department.
Selected essays of Cicero.
- 305. Plautus**
Winter. 4(4-0) A 200-level Latin course or approval of department.
Selected plays of Plautus.
- 306. Catullus**
Spring of even-numbered years. 3(3-0) A 200-level Latin course or approval of department.
Readings in the poetry of Catullus.
- 321. Development of the Latin Language**
Spring of odd-numbered years. 3(3-0) A 200-level Latin course or approval of department.
History of the Latin language in the light of linguistics, paleography, epigraphy and textual criticism.
- 400. Silver Age Prose and Poetry**
Fall of even-numbered years, Winter of odd-numbered years. 4(4-0) May reenroll for a maximum of 8 credits. A 300-level Latin course or approval of department.
Selected authors from the Silver Age of Latin literature.
- 400H. Honors Work**
Fall, Winter, Spring. Variable credit. Approval of department.
- 409. Golden Age Latin**
Fall of odd-numbered years. 4(4-0) A 300-level Latin course or approval of department.
Selected authors from the Golden Age of Latin literature.
- 410. Golden Age Latin**
Winter of even-numbered years. 4(4-0) A 300-level Latin course or approval of department.
Selected authors from the Golden Age of Latin literature.
- 413. Roman Historians**
Spring. 4(4-0) A 300-level Latin course or approval of department.
Selections from Tacitus and other Roman historians.
- 451. Medieval Latin**
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 9 credits. Approval of department.
Reading of medieval literary and historical works, and treatment of special problems.

499. Special Projects
Fall, Winter, Spring, Summer. 1 to 4 credits. Approval of department.
Work in areas outside regular course offerings.

Portuguese PRT

101. Elementary Portuguese
Fall. 4(4-1) For students with no previous instruction or experience except by approval of department.
Pronunciation, grammar, conversation, and easy reading.

102. Elementary Portuguese
Winter. 4(4-1) PRT 101.
Continuation of PRT 101.

103. Elementary Portuguese
Spring. 4(4-1) PRT 102.
Continuation of PRT 102.

201. Second-Year Portuguese
Fall. 4(4-0) PRT 103.
Systematic review of grammar, with emphasis on oral exercises. Continued emphasis on pronunciation and oral practice, as well as intensive and extensive reading of modern texts by contemporary Brazilian authors.

202. Second-Year Portuguese
Winter. 4(4-0) PRT 201.
Continuation of PRT 201.

203. Second-Year Portuguese
Spring. 4(4-0) PRT 202.
Continuation of PRT 202.

299. Special Projects
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits. Approval of department.
Work in Portuguese outside regular course offerings.

Spanish SPN

101. Elementary Spanish
Fall, Winter, Spring. 4(4-1) For students with no previous instruction or experience except by approval of department.
Vocabulary, pronunciation, inflection, syntax, easy reading, and oral drill.

102. Elementary Spanish
Fall, Winter, Spring. 4(4-1) SPN 101 or placement at SPN 102 level.
Continuation of SPN 101.

103. Elementary Spanish
Fall, Winter, Spring. 4(4-1) SPN 102 or placement at SPN 103 level.
Continuation of SPN 102.

105. Intensive Elementary Spanish
Winter, Spring. 8(8-2) SPN 101 with 3.0 grade or better, or approval of department. May not receive credit for both SPN 105 and SPN 102, SPN 103.
Combination of SPN 102 and SPN 103 in one term. Students may complete two years of language study in one year by taking SPN 101 in fall, SPN 105 in winter and SPN 204 in spring.

111. Spanish for Travelers
Spring. 2(3-0) Not counted toward Spanish major or minor.
Essential Spanish for travelers: grammar, vocabulary and useful phrases. Introduction to Spanish culture and life through visual aids, lectures.

121. Reading Spanish for Beginners
Fall. 3(3-0) Not recommended for Spanish majors.
Acquisition of reading techniques and basic vocabulary for students who wish to read Spanish rather than speak and write it.

122. Reading Spanish for Beginners
Winter. 3(3-0) SPN 121 or placement at SPN 122 level.
Continuation of SPN 121.

201. Second-Year Spanish
Fall, Winter, Spring, Summer. 4(4-1) SPN 103 or SPN 105.
Continuation of oral practice, intensive, organized review of grammar and development of techniques in reading.

202. Second-Year Spanish
Fall, Winter, Spring, Summer. 4(4-0) SPN 201.
Continuation of SPN 201. Discussion of reading conducted in the language. Formal writing on topics directly related to reading materials.

203. Second-Year Spanish
Fall, Winter, Spring, Summer. 4(4-0) SPN 202.
Continuation of SPN 202.

204. Intensive Second-Year Spanish
Fall, Winter, Spring, Summer. 10(10-1) SPN 103 or SPN 105. May not receive credit for both SPN 204 and SPN 201, SPN 202, SPN 203.
Intensive second year, combining in one term the work of SPN 201, SPN 202, and SPN 203.

IDC. Introduction to Latin America I
For course description, see Interdisciplinary Courses.

IDC. Introduction to Latin America II
For course description, see Interdisciplinary Courses.

IDC. Introduction to Latin America III
For course description, see Interdisciplinary Courses.

221. Intermediate Reading Spanish
Fall, Winter, Spring. 4(4-0) SPN 103 or SPN 122 or approval of department.
For students wishing to improve their reading skills. Material chosen from various disciplines to suit individual interests when possible.

299. Special Projects
Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits. Approval of department.
Work in Spanish outside regular course offerings.

300. Spanish Phonetics
Fall, Winter, Spring. 3(3-0) SPN 203.
A practical remedial study of pronunciation and diction. Use of the language laboratory.

311. Advanced Oral Spanish
Fall, Winter, Spring. 2(3-0) or 3(5-0) May reenroll for a maximum of 6 credits. SPN 203 or approval of department.
Practical work in using and understanding spoken Spanish.

321. Advanced Grammar and Composition
Fall, Winter. 3(3-0) SPN 203.
Course conducted largely in Spanish. Difficult points in grammar with practice in writing.

322. Composition
Winter, Spring. 3(3-0) SPN 321.
Extensive practice in writing.

326. Chicano Culture in the United States
Winter. 3(3-0) Given in English. Not to count toward Spanish major or minor, recommended for non-majors.
The Mexican culture as it has manifested itself in the United States. The impact of varied Chicano cultural influences on American society.

327. Contemporary Spanish Culture and Society
Winter, Spring. 3(3-0) SPN 311 or approval of department.
Various aspects of political, social, economic, intellectual, artistic and literary life of contemporary Spain. Readings selected from modern sources used for class discussion in Spanish.

328. Contemporary Spanish American Culture and Society
Winter, Spring. 3(3-0) SPN 311 or approval of department.
Various aspects of political, social economic, intellectual, artistic and literary life of contemporary Spanish America. Readings selected from modern sources used for class discussion in Spanish.

341. Spanish Literary Masterpieces in English Translation
Fall, Winter, Spring, Summer. 3(3-0) May reenroll for a maximum of 9 credits. Not open to Spanish majors; recommended for non-majors.
Masterpieces of Spanish literature from the Middle Ages to the present, varying in content each term: e.g., the works of Cervantes, the drama of the Golden Age, the modern novel.

343. Spanish-American Literary Masterpieces in English Translation
Fall, Winter, Spring, Summer. 3(3-0) Not open to Spanish majors; recommended for non-majors.
Masterpieces selected to develop an appreciation of Spanish-American literary expression.

350. The Contemporary Romance Film
(220.) Fall, Winter, Spring. 4(2-4) May reenroll for a maximum of 8 credits. UC 210, TC 280 recommended. Interdepartmental with and administered by the Department of Romance and Classical Languages.
Development of the student's esthetic and cultural appreciation of films by outstanding European directors, most notably, those of France, Italy and Spain.

Descriptions – ROMANCE AND CLASSICAL LANGUAGES

of

Courses

351. Introduction to Literature

Fall, Winter, Spring. 4(4-0) SPN 203.

Close reading and interpretation of Hispanic drama and short story. Methods and language of literary criticism. Form and expression in major literary works.

352. Introduction to Literature

Fall, Winter, Spring. 4(4-0) SPN 203.

Hispanic poetry and the novel. Methods and terminology of literary criticism. Form and expression in major literary work.

400H. Honors Work

Fall, Winter, Spring. Variable credit. Approval of department.

420. Spanish Phonology

Spring. 4(4-0) SPN 300.

Theoretical phonetics and phonology, articulatory and acoustic, of Spanish standard language and selected dialects.

421. Contrastive Structure of Spanish and English

Fall. 4(4-0) SPN 300.

Contrastive structure of Spanish and English, comparison of modern Spanish and American English as language systems: phonology and grammar.

422. Advanced Composition

Spring. 4(4-0) SPN 322. Recommended for prospective teachers.

Consideration of the basic stylistic elements. Intensive exercises in writing Spanish through literary translations and compositions.

423. Advanced Syntax

Winter. 4(4-0) SPN 322. Recommended for prospective teachers.

Descriptive and proscriptive grammar and syntax.

435. Development of Hispanic Culture and Civilization

Fall, Winter, Spring, Summer. 4(4-0) May reenroll for a maximum of 12 credits. SPN 327.

Emergence of Hispanic peoples and customs both in Spain and Spanish America from prehistoric and pre-Columbian times to the present day.

450. Major Authors of Spanish Literature to the Sixteenth Century

Spring. 4(4-0) May reenroll for a maximum of 8 credits. SPN 351 and SPN 352 or approval of department.

Readings in major medieval and renaissance prose and poetry such as "El Cid", "Libro de buen amor", "La Celestina", and others.

455. The Life and Works of Cervantes

Fall. 4(4-0) May reenroll for a maximum of 8 credits. SPN 351 and SPN 352 or approval of department.

460. Major Authors of the Golden Age

Winter, Spring. 4(4-0) May reenroll for a maximum of 12 credits. SPN 351 and SPN 352 or approval of department.

Drama, poetry and prose of the 17th century, excluding Don Quijote, Lope, Tirso, Calderon, Quevedo, Gongora and others will be studied.

465. Major Authors of the Nineteenth Century

Fall, Spring. 4(4-0) May reenroll for a maximum of 8 credits. SPN 351 and SPN 352 or approval of department.

Literary forms and trends in Romanticism, Realism, Naturalism. Readings from Galdos, Pereda; Rivas, Zorrilla; Espronceda, Becquer; and others.

470. Major Authors of the Twentieth Century

Fall, Winter, Spring. 4(4-0) May reenroll for a maximum of 12 credits. SPN 351 and SPN 352 or approval of department.

The Generation of 1898, Azorin, Unamuno, Baroja, Valle-Inclan, A. Machado; Drama: Benavente to Lorca, Buero and Sastre to present; Novel: Cela Matute, Sender, Aub; Poetry: Jimenez, Hierro, and others.

475. Major Authors of Spanish American Literature to Modernism

Fall, Winter. 4(4-0) May reenroll for a maximum of 8 credits. SPN 351 and SPN 352 or approval of department.

Development of Spanish-American literature from its origin to the end of the Romantic period. Readings from the chronicles, Inca Garcilaso, Sor Juana, Lizardi, Hernandez, Isaacs and other representative authors.

480. Major Authors of Contemporary Spanish American Literature

Winter, Spring. 4(4-0) May reenroll for a maximum of 12 credits. SPN 351 and SPN 352 or approval of department.

Spanish American literature from modernism to the present. Readings from Silva, Rodo, Ruben Dario and other modernist authors; from Azuela, Gallegos, Borges, Cortazar and other major writers of prose fiction.

481H. Honors Seminar

Fall, Winter, Spring. 4(3-0) May reenroll for a maximum of 8 credits. One term of any 400 level course in Spanish, or approval of department.

Study of a specific author, work, theme or problem in Hispanic letters.

485. Chicano-Boricua Literature

Winter. 4(4-0) May reenroll for a maximum of 12 credits. SPN 351 and SPN 352 or approval of department.

Readings and discussion in Spanish of works by Mexican-American and Puerto Rican authors. One term will focus on Chicano literature, the next on Puerto Rican.

499. Special Projects

Fall, Winter, Spring, Summer. 1 to 4 credits. Approval of department.

Work in areas outside regular course offerings.

800. Teaching Spanish in College

Fall, Winter, Spring. 0 to 3 credits. May reenroll for a maximum of 3 credits.

Supervised teaching of college classes in Spanish.

802. Studies in Old Spanish Language and Literature

Fall of even-numbered years, Winter and Spring of odd-numbered years. 3(3-0) May reenroll for a maximum of 9 credits.

Medieval works such as "El Cid"; "Primera cronica general"; "Milagros de nuestra senora El libro de buen amor"; ballads, and lyric poetry.

803. Workshop for Teachers of Spanish

Summer. 1(1-0) to 6(6-0) May reenroll once when the theme is different. Primary, secondary, community college teachers of Spanish or approval of department.

In-service training and enrichment for teachers of Spanish; emphasis on cultural patterns, methodology, and improvement of language and linguistic proficiency.

804. Stylistics

Fall of odd-numbered years. 3(3-0) May reenroll for a maximum of 6 credits.

Principles of Spanish style, based on representative selections from distinguished Spanish authors.

805. Development of the Spanish Language

Winter and Spring of even-numbered years. 3(3-0) May reenroll for a maximum of 6 credits.

Development of Spanish language from its origin to present day in Spain and Spanish America. Phonology, morphology, dialectology.

809. Development of Hispanic Culture

Winter and Spring of odd-numbered years. 3(3-0) May reenroll for a maximum of 6 credits. Primarily for high school language teachers.

Deals with the cultural growth of the area with particular emphasis on literature and the other arts, their relation to the culture itself and to the language spoken. Given in Spanish.

811. Studies in Golden Age Literature

Winter. 3(3-0) May reenroll for a maximum of 12 credits.

Poetry, drama, prose of 16th and 17th century Spain.

812. Cervantes

Winter and Spring of odd-numbered years. 3(3-0) May reenroll for a maximum of 6 credits.

Critical study of "Don Quixote" and the "Novelas Ejemplares" and other works read for class discussions.

831. Studies in Eighteenth and Nineteenth Century Literature

Winter and Spring of even-numbered years. 3(3-0) May reenroll for a maximum of 9 credits.

Literature from Post-Baroque Spain to the Generation of 1898.

842. Studies in Twentieth Century Literature

Fall, Winter. 3(3-0) May reenroll for a maximum of 12 credits.

Literary and intellectual trends in Spain from the Generation of 1898 to the present. Consideration in different terms of prose fiction, essay, drama and poetry.

850. Studies in Spanish-American Literature before 1888

Winter and Spring of odd-numbered years. 3(3-0) May reenroll for a maximum of 12 credits.

The most important authors and movements of the colonial period and the nineteenth century to 1888.

852. Studies in Contemporary Spanish-American Literature
Fall of odd-numbered years. Spring of even-numbered years. 3(3-0) May reenroll for a maximum of 12 credits.
Poetry, drama, prose, fiction and essay from the modernist movement to the present.

860. Graduate Reading
Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 15 credits. Approval of department.
Supervised reading course for investigation of special fields.

899. Master's Thesis Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

981. Seminar in Hispanic Literature
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 18 credits.
A particular writer, a major work, or a limited theme is chosen for intensive analysis. The topic and the professor of the course change each term.

999. Doctoral Dissertation Research
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 36 credits.

RUSSIAN

See German and Russian.

SANITARY ENGINEERING

See Civil and Sanitary Engineering.

SMALL ANIMAL SURGERY AND MEDICINE SSM

College of Veterinary Medicine

500. Veterinary Management of Unusual Animals
Spring. 2(2-0) Satisfactory completion of term 4 of the professional veterinary curriculum.
Veterinary management of laboratory animals, reptiles, birds, fish, and wild species kept as pets. Emphasis on capture, restraint and anesthesia, diagnosis and treatment of common diseases.

621. Anesthesiology Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised anesthesiology practice.

622. General Practice Clerkship
Fall, Winter, Spring, Summer. 4 credits. May reenroll for a maximum of 8 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised general practice.

623. Radiology Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised radiology practice.

624. Soft Tissue Surgery Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised soft tissue surgery.

631. Problems in Anesthesiology
Fall, Winter, Spring, Summer. 4 credits. SSM 621, approval of department.
Supervised anesthesiology problems.

634. Problems in Soft Tissue Surgery
Fall, Winter, Spring, Summer. 4 credits. SSM 624, approval of department.
Supervised soft tissue surgery problems.

660. Cardiology/Neurology Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised cardiology and neurology practice.

661. Internal Medicine Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised internal medicine practice.

662. Oncology Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised oncology practice.

663. Ophthalmology Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised ophthalmology practice.

664. Orthopedic Surgery Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised orthopedic surgery.

665. Zoo and Wildlife Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised zoo animal and wildlife medicine and surgery.

667. Laboratory Animal Medicine Clerkship
Fall, Winter, Spring, Summer. 4 credits. Satisfactory completion of term 8 of the professional veterinary curriculum, approval of department.
Supervised laboratory animal management, medicine and surgery.

671. Problems in Internal Medicine
Fall, Winter, Spring, Summer. 4 credits. SSM 661, approval of department.
Supervised internal medicine problems.

673. Problems in Clinical Ophthalmology
Fall, Winter, Spring, Summer. 4 credits. SSM 663, approval of department.
Supervised ophthalmology problems.

674. Problems in Orthopedic Surgery
Fall, Winter, Spring, Summer. 4 credits. SSM 664, approval of department.
Supervised orthopedic surgery problems.

808. Problems in Small Animal Surgery
Fall, Winter, Spring, Summer. Variable credit.

810. Problems in Small Animal Medicine
Fall, Winter, Spring, Summer. Variable credit.

813. Seminar
Fall, Winter, Spring. 1 credit.

825. Advanced Anesthesiology
Winter. 4(2-3) Approval of department.
Principles of drug action pertaining to anesthetics will be discussed including respiratory and cardiovascular effects of inhalation and intravenous agents. Anesthetic techniques for various animal species will be presented.

826. Cardiology
Fall. 3(2-4) Approval of department.
Study recent advances in veterinary cardiology. Includes electrocardiology, congenital and acquired diseases, cardiac catheterization and surgery.

899. Master's Thesis Research
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 18 credits. Approval of department.
Research on thesis problems.

SOCIAL SCIENCE S S

College of Social Science

For the University's General Education requirement in the Social and Behavioral Sciences general knowledge area, refer to Undergraduate Education in the Academic Programs section of the University catalog.

No more than one course may be taken in each of the following groups:

1. 201, 211, 221, 241
2. 202, 212, 222, 242
3. 203, 213, 223, 243

201. Americans and Their Values (S)

Fall, Winter, Spring, Summer. 4(4-0)
Processes by which individuals are socialized to the prevailing patterns of behavior by such agencies as family, school, peer groups, mass media and church. Part played by each in the development of personality.