

**Descriptions — Resource Development
of
Courses**

480. Supervised Study

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

Seminars on current problems. Supervised readings. Individual undergraduate research on selected topics.

485. Senior Proseminar

Winter, Spring. 2(2-0) Senior majors.

Current issues, literature, and professional approaches in resource development.

491. Natural Resources and Modern Society

Spring, Summer. 3(3-0) Juniors.

Interdepartmental with the Forestry Department and Natural Resources and administered by the Forestry Department.

A survey of the social and economic significance of natural resources in modern industrial and urban society. Current problems of natural resources management and use are examined in terms of the society in which they exist.

801. Resource Development Policy

Fall. 3(3-0)

Analysis of past and present public resource development policies and programs in the United States. Emphasis on national policies.

802. International Resource Development

Winter. 3(3-0)

Investigation and analysis of major natural resource use patterns and problems emerging on the international scene. Implications of these patterns and problems for the United States. Examination of national and international agencies.

805. Regional Resource Development

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

Multi-state organizational forms for natural resource development. Strengths, weaknesses, and potentials. Historical precedents and proposals for the future. TVA, UGLRC, ARC, and DRBC are studied.

809. Natural Resources Economics

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

Interdepartmental with and administered by the Forestry Department.

Applications of economic analysis to natural resource problems.

810. Economics of Public Choice

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

Interdepartmental with the Agricultural Economics and Economics Departments and administered by the Agricultural Economics Department.

Economics of alternative institutions for collective action. Emphasis on property rights and natural resources. Public goods, externalities, non-marginal change, commonwealth, income and power distribution, grants, welfare criteria and market failure.

811. Public Program Analysis

Spring, Summer of odd-numbered years. 3(3-0) FSM 401 or EC 324 or approval of department. Interdepartmental with the Agricultural Economics and Economics Departments and administered by the Agricultural Economics Department.

Application of benefit-cost analysis to public programs of resources development. Issues and case studies in budgeting, investment criteria, pricing, externalities, and coordination.

812. Public Direction of Land Use

Spring. 3(3-0)

Use of public spending, property ownership, police, condemnation, and taxation powers to influence land use decisions.

815. Community Resource Development

Winter. 4(4-0) Approval of department.

Explanations of community growth and change. Review of public and private agency programs. Case studies of successful and unsuccessful approaches.

816. Field Techniques in Community Resource Development

Spring. 6(3-6) 815 or F E 835 or approval of instructor. Interdepartmental and jointly administered with the Department of Family Ecology.

Application of community and family resource inventory, analysis, and program planning techniques in Michigan rural-urban situations.

821. Water Management Institutions

Winter. 3(3-0)

Major institutional structures and issues in water resource management. Emphasis on linkages between federal, state and local management levels.

824. Watershed Management

Spring. 5(3-5)

Investigation of watersheds, emphasizing physical relationships of water to other resources. Survey of water problems, planning for water use and management practices including conservation and multiple use aspects. Field trips optional.

832. Natural Resource Law

Fall. 3(3-0)

Legal principles of natural resources administration. Focus on natural resource jurisdiction. Discussion of state and Federal cases, statutes, and treaties. Constitutional and common law. Limitations on governmental power.

835. Water Resources Law

Winter. 3(3-0)

Legal principles affecting private rights in state and federal regulation of surface and ground waters. Emphasis on water quality controls.

836. Environmental Law I

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

Public and private legal controls and restrictions on resource use, including common law, nuisance and trespass, citizen suits, class actions, appeals from agencies, Administrative Procedure Act, National Environmental Policy Act.

837. Environmental Law II

Spring. 3(3-0) 836.

Analysis of federal environmental laws (NEPA, WQIA, Clean Air Act). Form and content of Environmental Impact Statements and problem of agency discretion and judicial review.

840. Recreation Economics

Spring. 4(4-0) FOR 809 or approval of instructor. Interdepartmental with the departments of Park and Recreation Resources and Forestry and administered by the Department of Park and Recreation Resources.

Applications of economic analysis to recreation resource problems including measurement of demand and supply, valuation of recreation resources, determination of economic impact, economic decision making and policy considerations.

842. Park and Recreation Policy

Winter. 3(3-0) Interdepartmental with and administered by the Department of Park and Recreation Resources.

Recreation, leisure and work concepts. Determination of needs for recreation facilities. Factors affecting public and private allocation of resources for provision of needed facilities.

855. Research Methods

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

Interdepartmental with the Forestry Department.

Research techniques applicable to management, and policy-oriented natural resource investigations. Analysis of project designs; preparation of project proposals. Evaluation of representative published research studies.

860. Regional Science Methods

Spring. 4(4-0) 460 or approval of department.

Demographic analysis, social accounts, economic base, input-output, industrial complex, linear programming, gravity models, and other techniques for regional research.

880. Special Problems

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

Seminars on current problems. Supervised readings. Independent study of selected topics.

899. Research

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

910. Resource Economics Proseminar

Spring. 3(3-0) May re-enroll for a maximum of 9 credits. Approval of department. Interdepartmental with the departments of Forestry and Agricultural Economics and 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.

917. Issues in Land Economics

Winter, Spring. 3(3-0) May re-enroll for a maximum of 6 credits. Doctoral students. 417 and 460.

Analysis of selected issues related to the utilization of land and water resources.

960. Simulation Models in Natural Resource Management

Winter of odd-numbered years. 3(3-0) 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.

999. 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.

*Name change effective May 1, 1976.
Formerly Department of Romance Languages.

Romance Language Courses

ROM

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

210. Latin America: Its Peoples and Cultures
Fall. 3(3-0)

Geographical, ethnic, social, political, economic, and cultural characteristics of Brazil and La-Plata region.

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

211. Latin America: Its Peoples and Cultures
Winter. 3(3-0)

Continuation of 210. Western and northern South America.

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

212. Latin America: Its Peoples and Cultures
Spring. 3(3-0)

Continuation of 211. Mexico and the Caribbean region.

241. Masterpieces of the Romance and Classical Literatures in English Translation
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
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
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 re-enroll 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(3-2)

May re-enroll for a maximum of 8 credits. UC 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.

417. Scandinavian Contributions to Literary Tradition

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

Interdepartmental with the departments of German and Russian and English and administered by the Department of German and Russian.

Development and influence of the ideas, forms and motifs of the Scandinavian literatures in the literatures of the world.

418. Scandinavian Contributions to Literary Tradition

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

Interdepartmental with the departments of German and Russian and English and administered by the Department of German and Russian.

Continuation of 417.

IDC. Canadian-American Studies

For course description, see Interdisciplinary Courses.

499. Special Projects

Fall, Winter, Spring, Summer. Variable credit. May re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 English and German and Russian Departments and administered by the English Department.

Rationale and techniques of study in comparative literature.

902. Comparative Literature: Studies in Form and Genre

Fall, Winter, Spring. 3(3-0) Interdepartmental with the departments of English and German and Russian and 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 and 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

CLA

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.

**Descriptions — Romance and Classical Languages
of
Courses**

299. Special Projects

Fall, Winter, Spring, Summer. 1 to 9 credits. May re-enroll 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 *Iliad*, *Odyssey*, *Aeneid*, and selections from other ancient epics, in English translation.

306. Greek and Roman Drama in English Translation

Fall. 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

(LTN 427.) 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.

499. Special Projects

Fall, Winter, Spring, Summer. 1 to 12 credits. May re-enroll 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. 5(5-0).

Pronunciation, grammar, oral drill, and easy reading.

102. Elementary French

Fall, Winter, Spring. 5(5-0) 101 or placement at 102 level.

Continuation of 101.

103. Elementary French

Fall, Winter, Spring. 5(5-0) 102 or placement at 103 level.

Continuation of 102.

105. Intensive Elementary French

Winter, Spring. 10(10-2) 101 with a 3.0 grade or better, or approval of department. May not receive credit for both 105 and 102, 103.

Combination of FRN 102 and 103 in one term. Students may complete two years of language study in one year by taking 101 in fall, 105 in winter and 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) 121.

Continuation of 121.

201. Second-Year French

Fall, Winter, Spring, Summer. 4(4-1)

103.

Continuation of oral practice, intensive, organized review of grammar and development of techniques in reading.

202. Second-Year French

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

201.

Continuation of 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)

202.

Continuation of 202.

204. Intensive Second-Year French

Fall, Winter, Spring, Summer. 10(10-1) May not receive credit for both 204 and sequence 201, 202, 203. 103 or 104.

Intensive second year, combining in one term the work of 201, 202, 203.

221. Intermediate Reading French

Fall, Winter, Spring. 4(4-0) 103 or 104, 122 or approval of department.

For students wishing to improve their reading skills. Material chosen from various disciplines to suit individual interests when possible.

300. French Phonetics

(320.) Fall, Winter, Spring. 3(3-0)

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 re-enroll for a maximum of 6 credits. 203 or approval of department.

Practical work in using and understanding spoken French.

321. Advanced French Grammar and Composition

Fall, Winter. 3(3-0) 203.

Course conducted largely in French. Difficult points in grammar with practice in writing.

322. Composition

Winter, Spring. 3(3-0) 321.

Extensive practice in writing.

327. Contemporary French Society and Culture

Winter, Spring. 3(3-0) May re-enroll for a maximum of 6 credits. 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 re-enroll 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(3-2) May re-enroll for a maximum of 8 credits. UC 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) 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) 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. 0(3-0) [3(3-0)]† Graduate students or approval of department. Reading skills for graduate students of other departments.

412. French for Graduate Students

Winter, Spring, Summer. 0(3-0) [3(3-0)]† 411. Completion of 411 and 412 with a grade of 3.0 or better will satisfy the graduate reading requirement in most departments.

Continuation of 411.

420. French Phonology

Fall. 4(4-0) 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) 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) 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) 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 re-enroll for a maximum of 12 credits. 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 re-enroll for a maximum of 8 credits. 351 and 352 or approval of department.

Selected readings in modern French versions from the epic, romance, farce, mystery and miracle plays, *Roman de la Rose*, fables, satire, and lyric poetry from the troubadours to Villon.

455. Major Authors of the Sixteenth Century

Fall, Winter. 4(4-0) May re-enroll for a maximum of 8 credits. 351 and 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, Labe, the Pleiade poets, d'Aubigne. Close analysis of selected texts.

460. Major Authors of the Seventeenth Century

(405.) Fall, Winter. 4(4-0) May re-enroll for a maximum of 8 credits. 351 and 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

(410.) Winter, Spring. 4(4-0) May re-enroll for a maximum of 8 credits. 351 and 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.

†See page A-2, item 3.

470. Major Authors of the Nineteenth Century

(415.) Winter, Spring. 4(4-0) May re-enroll for a maximum of 8 credits. 351 and 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 re-enroll for a maximum of 12 credits. 351 and 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 re-enroll for a maximum of 8 credits. One term of any 400 course in French, except 327, 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 re-enroll for a maximum of 12 credits. 351 and 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll for a maximum of 12 credits.

Selected topics on major dramatic and non-dramatic literature of the Classical Period. Close readings of texts in their historical and social contexts with some emphasis on contemporary critical theories.

830. Studies in Eighteenth Century Literature

Fall, Spring. 3(3-0) May re-enroll 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 *serieux*; evolution of Enlightenment ideals, genres and style; encyclopedists and philosophes.

840. Studies in Nineteenth Century Literature

Winter, Spring. 3(3-0) May re-enroll for a maximum of 12 credits.

Origins and development of Romanticism; Realism and Naturalism; the renaissance of the lyric; Parnassian and Symbolist poetry; the confessional and historical novel; fantasy and dream literature.

850. Form and Development of French Criticism

Winter of even-numbered years. 3(3-0) May re-enroll 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 re-enroll 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 re-enroll for a maximum of 12 credits.

Selected topics on the twentieth-century novel, drama and poetry; the *roman fleure*, surrealism, existentialism, the new realism, the *roman nouveau*, the theater of the absurd, and structuralism.

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871. Studies in Literatures of French Expression
Fall, Spring. 3(3-0) May re-enroll 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. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

981. Seminar in French Literature
Fall, Winter, Spring. 3(3-0) May re-enroll 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. Research
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 36 credits.

Greek GRK

101. Elementary Greek
Fall. 4(4-1)
Fundamentals of pronunciation, grammar, and syntax.

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

103. Elementary Greek Reading
Spring. 4(4-1) 102.
Translation of Greek readings.

200. Greek Prose
Fall, Winter, Spring. 3(3-0) May re-enroll for a maximum of 9 credits.
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 re-enroll for a maximum of 9 credits. 103 or approval of department.
Selected readings in the New Testament in Greek.

300. Greek Epic and Drama
Fall, Winter, Spring. 4(4-0) May re-enroll for a maximum of 12 credits.
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

101. Elementary Italian
Fall. 5(5-0)
Pronunciation, grammar, oral drill, and easy reading.

102. Elementary Italian
Winter. 5(5-0) 101.
Continuation of 101.

103. Elementary Italian
Spring. 5(5-0) 102.
Continuation of 102.

105. Intensive Elementary Italian
Winter, Spring. 10(10-2) 101 with a 3.0 grade or better, or approval of department. May not receive credit for both 105 and 102, 103.

Combination of ITL 102 and 103 in one term. Students may complete two years of language study in one year by taking 101 in fall, 105 in winter and 204 in spring.

110. Italian Diction Practicum
Fall. 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) 103.

Systematic review of grammar, oral practice, intensive and extensive reading of modern texts.

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

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

204. Intensive Second-Year Italian
Winter. 10(10-3) May not receive credit for both 204 and the sequence 201, 202, 203.
Combination of 201, 202, 203 in one term.

311. Advanced Oral Italian
Fall, Winter. 2(3-0) 203.

A practical study of Italian pronunciation, diction, and lexicon.

341. Italian Literary Masterpieces in English Translation
Fall, Winter, Spring, Summer. 3(3-0) May re-enroll 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(3-2) May re-enroll 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.

400H. Honors Work
Fall, Winter, Spring. Variable credit. Approval of department.

450. Dante and His Times
Fall. 4(4-0) 203 or 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) 203 or 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 re-enroll for a maximum of 8 credits. 203 or 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) 203 or 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) 203 or 204 or approval of department. May re-enroll 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 re-enroll for a maximum of 8 credits. 203 or 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.

Latin LTN

101. Elementary Latin
Fall. 4(4-1)
Fundamentals of pronunciation, grammar, syntax, and the translation of easy readings.

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

103. Intermediate Latin Reading
Spring. 4(4-1) 102.
Translation of Latin readings.

201. Cicero
Fall. 3(3-0) 103.
The prose style of Cicero, including a rapid review of Latin grammar.

202. Vergil
Winter. 3(3-0) 103.
Latin poetry through the reading of Vergil's *Aeneid*.

203. Vergil
Spring. 3(3-0) 202.
Continuation of 202.

304. Cicero's Essays
Fall. 4(4-0)
Selected essays of Cicero.

- 305. *Plautus***
Winter. 4(4-0)
Selected plays of Plautus.
- 306. *Catullus***
Spring of even-numbered years. 3(3-0)
Readings in the poetry of Catullus.
- 321. *Development of the Latin Language***
Spring of odd-numbered years. 3(3-0)
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 re-enroll for a maximum of 8 credits.
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)
Selected authors from the Golden Age of Latin literature.
- 410. *Golden Age Latin***
Winter of even-numbered years. 4(4-0)
Selected authors from the Golden Age of Latin literature.
- 413. *Roman Historians***
Spring. 4(4-0)
Selections from Tacitus and other Roman historians.
- 451. *Medieval Latin***
Fall, Winter, Spring. 3(3-0) May re-enroll 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. 5(5-0)
Pronunciation, grammar, conversation, and easy reading.
- 102. *Elementary Portuguese***
Winter. 5(5-0) 101.
Continuation of 101.
- 103. *Elementary Portuguese***
Spring. 5(5-0) 102.
Continuation of 102.
- 201. *Second-Year Portuguese***
Fall. 4(4-0) 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) 201.
Continuation of 201.
- 203. *Second-Year Portuguese***
Spring. 4(4-0) 202.
Continuation of 202.

Spanish

SPN

- 101. *Elementary Spanish***
Fall, Winter, Spring. 5(5-0)
Vocabulary, pronunciation, inflection, syntax, easy reading, and oral drill.
- 102. *Elementary Spanish***
Fall, Winter, Spring. 5(5-0) 101 or placement at 102 level.
Continuation of 101.
- 103. *Elementary Spanish***
Fall, Winter, Spring. 5(5-0) 102 or placement at 103 level.
Continuation of 102.
- 105. *Intensive Elementary Spanish***
Winter, Spring. 10(10-2) 101 with 3.0 grade or better, or approval of department. May not receive credit for both 105 and 102, 103.
Combination of SPN 102 and 103 in one term. Students may complete two years of language study in one year by taking 101 in fall, 105 in winter and 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) 121 or placement at 122 level.
Continuation of 121.
- 201. *Second-Year Spanish***
Fall, Winter, Spring, Summer. 4(4-1) 103.
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) 201.
Continuation of 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) 202.
Continuation of 202.
- 204. *Intensive Second-Year Spanish***
Fall, Winter, Spring, Summer. 10(10-1) May not receive credit for both 204 and the sequence 201, 202, 203. 103 or 104.
Intensive second year, combining in one term the work of 201, 202 and 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.
- 211. *Spanish for Spanish-Speaking Americans***
Fall. 4(4-0) Approval of department.
Development of the language proficiency of Spanish-speaking Americans. Practice in the use of Spanish.
- 212. *Spanish for Spanish-Speaking Americans***
Winter. 4(4-0) 211.
Continuation of 211.
- 213. *Spanish for Spanish-Speaking Americans***
Spring. 4(4-0) 212.
Continuation of 212.
- 221. *Intermediate Reading Spanish***
Fall, Winter, Spring. 4(4-0) 103 or 104, 122 or approval of department.
For students wishing to improve their reading skills. Material chosen from various disciplines to suit individual interests when possible.
- 300. *Spanish Phonetics***
(320.) Fall, Winter, Spring. 3(3-0) 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 re-enroll for a maximum of 6 credits. 203 or approval of department.
Practical work in using and understanding spoken Spanish.
- 321. *Advanced Grammar and Composition***
Fall, Winter. 3(3-0) 203.
Course conducted largely in Spanish. Difficult points in grammar with practice in writing.
- 322. *Composition***
Winter, Spring. 3(3-0) 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***
(427.) Winter, Spring. 3(3-0) 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***
(428.) Winter, Spring. 3(3-0) 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.

**Descriptions — Romance and Classical Languages
of
Courses**

- 341. Spanish Literary Masterpieces in English Translation**
Fall, Winter, Spring, Summer. 3(3-0)
May re-enroll 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(3-2)
May re-enroll 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.
- 351. Introduction to Literature**
Fall, Winter, Spring. 4(4-0) 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) 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) 300.
Theoretical phonetics and phonology, articulatory and acoustic, of Spanish standard language and selected dialects.
- 421. Contrastive Structure of Spanish and English**
Winter. 4(4-0) 300.
Contrastive structure of Spanish and English, comparison of modern Spanish and American English as language systems: phonology and grammar.
- 422. Advanced Composition**
Fall. 4(4-0) 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) 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 re-enroll for a maximum of 12 credits. 327.
Emergence of Hispanic peoples and customs both in Spain and Spanish America from pre-historic and pre-Columbian times to the present day.
- 450. Major Authors of Spanish Literature to the Sixteenth Century**
(405.) Spring. 4(4-0) May re-enroll for a maximum of 8 credits. 351 and 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**
(431.) Fall. 4(4-0) May re-enroll for a maximum of 8 credits. 351 and 352 or approval of department.
- 460. Major Authors of the Golden Age**
(434.) Winter, Spring. 4(4-0) May re-enroll for a maximum of 12 credits. 351 and 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**
(415.) Fall, Spring. 4(4-0) May re-enroll for a maximum of 8 credits. 351 and 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**
(426.) Fall, Winter, Spring. 4(4-0)
May re-enroll for a maximum of 12 credits. 351 and 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**
(440.) Fall, Winter. 4(4-0) May re-enroll for a maximum of 8 credits. 351 and 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**
(445.) Winter, Spring. 4(4-0) May re-enroll for a maximum of 12 credits. 351 and 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, Callegos, Borges, Cortazar and other major writers of prose fiction.
- 481H. Honors Seminar**
Fall, Winter, Spring. 4(3-0) May re-enroll 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**
(411.) Winter. 4(4-0) May re-enroll for a maximum of 12 credits. 351 and 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll 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 re-enroll for a maximum of 15 credits. Approval of department.
Supervised reading course for investigation of special fields.

899. Research
Fall, Winter, Spring, Summer. Variable credits. Approval of department.

981. Seminar in Hispanic Literature
Fall, Winter, Spring. 3(3-0) May re-enroll 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. Research
Fall, Winter, Spring, Summer. Variable credit. May re-enroll 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

600. Small Animal Surgery Clerkship
Fall, Winter, Spring, Summer. 4, 8, or 16 credits. May re-enroll for a maximum of 16 credits. Satisfactory completion of term 8 in professional veterinary medicine curriculum and approval of department.
Training in clinical surgery under direct supervision of faculty and staff.

608. Special Problems in Clinical Surgery
Fall, Winter, Spring, Summer. 3(0-9) to 12(0-36) May re-enroll for a maximum of 12 credits. 600 and approval of department.
Advanced undergraduate training in clinical surgery under direct supervision of faculty and staff.

610. Small Animal Medicine Clerkship
Fall, Winter, Spring, Summer. 4, 8, or 16 credits. May re-enroll for a maximum of 16 credits. Satisfactory completion of term 8 in professional veterinary medicine curriculum and approval of department.
Training in clinical medicine under direct supervision of faculty and staff.

618. Special Problems in Clinical Medicine
Fall, Winter, Spring, Summer. 3(0-9) to 12(0-36) May re-enroll for a maximum of 12 credits. 610 and approval of department.
Advanced undergraduate training in clinical medicine under direct supervision of faculty and staff.

620. Small Animal Focal Problems
Fall, Winter, Spring, Summer. 2(0-6) to 4(0-12) May re-enroll for a maximum of 12 credits. Concurrent enrollment or previous completion of 600 or 610; and approval of department.
Case oriented problem solving through faculty-staff-student group discussions and seminars.

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.

822. Bone and Joint Surgery
Winter. 3(2-4) Approval of department.
Fundamentals, theory and practice covering the various conditions and surgery of bones and joints.

823. Special Surgery
Spring. 3(1-6) May re-enroll for a maximum of 6 credits. Approval of department.
Surgical technique and tissue reactions following surgery in small animals.

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. Research
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 18 credits. Approval of department.
Research on thesis problems.

SOCIAL SCIENCE S S

University College

To satisfy the University General Education requirement, a student must take one course in each of the following groups. Additional courses may be taken for elective credit.

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

201. Americans and Their Values
(231A.) 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.

202. Power in America
(232A.) Fall, Winter, Spring, Summer. 4(4-0) 201 preferred; or 211, 221, or 241.
Problems of regulating and controlling human behavior. Emphasis placed on major economic and political institutions involved in social control. This includes problems of human wants and needs.

203. A Peaceful World?
(233A.) Fall, Winter, Spring, Summer. 4(4-0) 202 preferred; or 212 or 222, or 242.
The international scene with the focus on problems of economic development, conflict among the nation-states and attempts at conflict control.

211. The Emergence of Man
(231B.) Fall, Winter, Spring, Summer. 4(4-0)
The bio-social evolution of man. The theories and empirical findings of the behavioral sciences are brought to bear upon the nature of man.

212. Coping with Changing Institutions in Modern Society
(232B.) Fall, Winter, Spring, Summer. 4(4-0) 211 preferred; or 201, 221, or 241.
Individuals and the changing institutional framework of modern society. Emphasis on socialization enabling personality systems in different cultural settings to cope with life in the future.

213. Casualties of Contemporary Society
(233B.) Fall, Winter, Spring, Summer. 4(4-0) 212 preferred; or 202; 222, or 242.
The meaning of deviant behavior and personal disorganization and their impact on society. Selected problems examined in depth.

IDC. The Politics of Ecology
For course description, see Interdisciplinary Courses.

221. The Changing American Metropolis: Ecology of the Urban Community
(231C.) Fall, Winter, Spring, Summer. 4(4-0)
Factors and directions in urban change. Impacts on life styles and life strategies of urban groups. Challenges to traditional family, educational, and community patterns.

222. Work and Politics in Urban America
(232C.) Fall, Winter, Spring, Summer. 4(4-0) 221 preferred; or 201, 211, 241.
Changing patterns of economic and political participation. Issues of employment security and job satisfaction. Distribution of economic rewards, political power, and civil rights. Inter-meshing of economic and political activities.

223. The World's Cities: An Urban Culture and Common Problems
(233C.) Fall, Winter, Spring, Summer. 4(4-0) 222 preferred; or 202, 212, or 242.
The unity of urban life patterns and the emergence of modern-day urban problems. Cultural variations in approach to issues—comparative political, social, economic, ideological systems.