

450. Natural Resource Administration

Fall, Spring. 4(4-0) *Interdepartmental with Fisheries and Wildlife, Forestry and Parks and Recreation Resources Departments and Natural Resources. Administered by the Forestry Department.*

Concepts and methods of administering wild-land properties. The legal, economic and social environment. Benefit-cost analysis of management changes. Unit organization, personnel management and accounting. Presents a systems view of administration.

460. Location Analysis

Winter. 4(4-0) 417 or EC 324 or R D 401. *Interdepartmental with the Economics Department, Public Affairs Management and Food Systems Economics and Management.*

Forces affecting location decisions of firms, households and governments. Applications to agricultural, industrial, and regional develop-ments.

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 read-ings. Individual undergraduate research on se-lected topics.

485. Senior Proseminar

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

Current issues, literature, and professional ap- proaches 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 signifi- cance 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 re- source use patterns and problems emerging on the international scene. Implications of these patterns and problems for the United States. Examination of national and international agen- cies.

809. Natural Resources Economics

Winter. 3(3-0) *Approval of depart- ment. 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 depart- ment. Interdepartmental with the Agricultural Economics and Economics Departments and administered by the Agricultural Economics Department.*

Economics of alternative institutions for collec- tive 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 Depart- ments 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 depart- ment.*

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

816. Field Techniques in Community Resource Development

Spring. 4(4-0) *Approval of depart- ment.*

Application of area resource analysis, inventory and program planning techniques in Michigan situations. Course conducted in the field.

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

Fall, Spring. 5(3-5)

Investigation of watersheds, emphasizing phys- ical relationships of water to other resources. Survey of water problems, planning for water use and management practices including con- servation and multiple use aspects. Field trips required.

832. Natural Resource Law

Fall. 3(3-0)

Legal principles of natural resources administra- tion. 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 depart- ment.*

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.

842. Park and Recreation Policy

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

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

851. Public Program Budgeting

Fall. 3(3-0) *Approval of depart- ment. Interdepartmental with and administered by the Forestry Department.*

Survey of the federal government's planning- programming-budgeting system, stressing exec- utive branch budget decision-making and budget administration in the natural resource bureaus.

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 investiga- tions. Analysis of project designs; preparation of project proposals. Evaluation of representa- tive 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 tech- niques 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 read- ings. Independent study of selected topics.

899. Research

Fall, Winter, Spring, Summer. Vari- able credit. *Approval of department.*

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) *Approval of department. Interdepartmental with the Forestry Department.*

The role of simulation models in developing management strategies. Applications of com- puter simulation in natural resources. Modeling of decision systems in natural resources manage- ment.

999. Research

Fall, Winter, Spring, Summer. Vari- able credit. *Approval of department.*

ROMANCE LANGUAGES

College of Arts and Letters

Students who have had high school work in the foreign language in which they wish to con- tinue their studies must take a placement exam- ination in that language. Placement in the ap- propriate course is determined by the results of this examination. University credit is not given for courses waived by performance on the place- ment examination.

Romance Language Courses ROM

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.

211. Latin America: Its Peoples and Cultures

Winter. 3(3-0)

Continuation of 210. Western and northern South America.

212. Latin America: Its Peoples and Cultures

Spring. 3(3-0)

Continuation of 211. Mexico and the Caribbean region.

220. The Contemporary Romance Film

Fall, Winter, Spring. 4(3-2) May re-enroll for a maximum of 8 credits.

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

241. Masterpieces of the Romance Literatures in English Translation

Fall, Winter, Spring, Summer. 3(3-0) May re-enroll for a maximum of 9 credits.

Themes, genres and movements transcending national boundaries in French, Italian, Portuguese and Spanish literatures, such as the Romance epic, the picaresque tradition, the spirit of the Renaissance, Romanticism.

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.

476. 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) May re-enroll for a maximum of 9 credits. Interdepartmental with the English and German and Russian Departments and administered by the English Department.

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) May re-enroll for a maximum of 9 credits. Interdepartmental with the English and German and Russian Departments and administered by the English Department.

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) May re-enroll for a maximum of 9 credits. 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.

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.

303. Greek and Roman Mythology

Fall. 3(3-0)

Principal myths of Greek, Roman and other ancient cultures. Emphasis on universal themes of ancient mythologies.

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.

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.

350. Introduction to Classical Archaeology

(ROM 350.) Fall. 3(3-0) Sophomores.

Methods and techniques of classical archaeology and related disciplines (epigraphy, numismatics); the rise of classical archaeology with emphasis on Minoan-Mycenaean period.

351. Archaeology of Greece

(ROM 351.) Winter. 3(3-0) Sophomores.

Principal archaeological sites of Greece and the Aegean, involving the history of the excavations and the relationships of periods.

352. Archaeology of Italy
(ROM 352.) Spring. 3(3-0) Sophomores. Required of Latin majors.
The principal sites of ancient Italy, with primary emphasis on the topography of Rome.

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.

104. Intensive Elementary French
Fall, Winter, Summer. 12(12-3) May not receive credit for both 104 and sequence 101, 102, 103.
Combination of FRN 101, 102, 103 in one term.

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.

220. Contemporary Romance Film
Fall, Winter, Spring. 4(3-2) May re-enroll for a maximum of 8 credits. Interdepartmental with the Romance Languages Department.
Development of the students esthetic and cultural appreciation of films by outstanding European directors, most notably those of France, Italy and Spain.

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(5-0) May re-enroll for a maximum of 6 credits. 203.
Advanced oral practice to improve the use of 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
(427.) Fall, Winter. 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 non-majors.
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.

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.
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*, fabliaux, 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, Scève, 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.

†See page A-2, item 3.

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.

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.

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 ideaux*; 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 fleuve*, surrealism, existentialism, the new realism, the *roman nouveau*, the theater of the absurd, and structuralism.

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.

104. Intensive Elementary Italian
Fall. 12(12-3) May not receive credit for both 104 and the sequence 101, 102, 103.
Combination of 101, 102, 103 in one term.

201. Second-Year Italian
Fall. 3(3-0) 103.
Systematic review of grammar, oral practice, intensive and extensive reading of modern texts.

202. Second-Year Italian
Winter. 3(3-0) 201.
Continuation of 201.

203. Second-Year Italian
Spring. 3(3-0) 202.
Continuation of 202.

204. Intensive Second-Year Italian
Winter. 10(10-1) May not receive credit for both 204 and the sequence 201, 202, 203.
Combination of 201, 202, 203 in one term.

220. Contemporary Romance Film
Fall, Winter, Spring. 4(3-2) May re-enroll for a maximum of 8 credits. Interdepartmental with the Romance Languages Department.
Development of the students' esthetic and cultural appreciation of films by outstanding European directors, most notably those of France, Italy and Spain.

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.

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. Virgil
Spring. 3(3-0) 202.
Continuation of 202.

300. Golden Age Prose and Poetry
Fall, Winter. 4(4-0) May re-enroll for a maximum of 8 credits. 201.
Selected authors from the Golden Age of Roman Literature.

321. Development of the Latin Language
Spring. 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. 300.
Selected authors from the Silver Age of Latin Literature.

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

411. Roman Drama
Fall of odd-numbered years. Winter of even-numbered years. 4(4-0) May re-enroll for a maximum of 8 credits. 300.
Selected plays of Plautus and Terence.

413. Roman Historians
Spring. 4(4-0) 300.
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. 3(3-0) 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. 3(3-0) 201.
Continuation of 201.

203. Second-Year Portuguese
Spring. 3(3-0) 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.

104. Intensive Elementary Spanish

Fall, Winter, Summer. 12(12-3) May not receive credit for both 104 and sequence 101, 102, 103.
Combination of 101, 102, 103 in one term.

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.

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.

220. Contemporary Romance Film

Fall, Winter, Spring. 4(3-2) May re-enroll for a maximum of 8 credits. Interdepartmental with the Romance Languages Department.

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

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(5-0) May re-enroll for a maximum of 6 credits. 203.

Advanced oral practice to improve the use of 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.) Fall, 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.

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.

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, Gallegos, 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 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.

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 18th and 19th 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

501. Introduction to Veterinary Medicine I
Summer. 2(2-0) Admission to professional veterinary program. Interdepartmental with Center for Laboratory Animal Resources.
Species and breed identification, predisposition for specific diseases, basic care and feeding, restraint and handling of small domestic animals, unusual pet, and laboratory animals.

502. Introduction to Veterinary Medicine II
Spring. 4(3-3) Admission to the professional veterinary program. Interdepartmental with the Department of Large Animal Surgery and Medicine.
Anesthetic principles, agents and techniques. Basic surgical principles, including aseptic technique, hemostasis, wound healing, suturing and suturing materials. Fundamentals of radiology.

503. Introduction to Veterinary Medicine III
Spring. 4(3-3) Admission to professional veterinary program. Interdepartmental with and administered by the Department of Large Animal Surgery and Medicine.
Physical and systemic examination of the various domestic and laboratory species. Common restraint procedures, clinical skills, diagnostics and an approach to clients are included.

504. Small Animal Clinic I
Fall, Winter, Spring, Summer. 3(0-10) Eighth-term or ninth-term Veterinary Medicine students.

Concepts and practices of clinical veterinary medicine. Rotation through hospital services including outpatient clinic, medicine, surgery, radiology, clinical pathology, and pharmacy.

511. Small Animal Surgery and Medicine I
(VSM 511.) Fall, Spring. 8(7-3) Seventh-term Veterinary Medicine students.
Basic surgery. Laboratory and lectures with television demonstrations. Anesthesiology, basic radiology, small animal husbandry, and diseases of the upper digestive system.