380. 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(3-0) 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.

501. Resource Development Policy
Fall. 3(3-0) Analysis of past and present public resource development programs in the United States. Emphasis on national policies.

502. 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.

505. 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, UGERC, ARC, and DRBC are studied.

509. 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.

510. 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.

511. Public Program Analysis
Spring, Summer of odd-numbered years. Admission to 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 resource development. Issues and case studies include: budgeting, investment criteria, pricing, externalities, and coordination.

512. 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(2-6) 815 or F & E 535 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(3-3) 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.

838. 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 agency decisions, 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 509 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) 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.
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
(F20.) Fall, Winter, Spring. 4(3-2) May re-enroll for a maximum of 6 credits. UC 210 or 2C 280 recommended. Interdepartmental with Film and 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.

449. 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.

500. 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.

501. Romance Philology
Spring of even-numbered years. 3(3-0) FRN 805 or SPN 595. 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.

505. 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.
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 epic 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 15 credits. May re-enroll for a maximum of 15 credits. Approval of department.  
Independent study in Greek, Latin, and classical studies outside regular course offerings.

French  

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) 701 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-vocal.  
Practice and training in French pronunciation, diction, and prosody; introduction to the fundamentals of French grammar necessary for the recitation of art song.

111. French for Travelers  
Spring. 3(3-0)  
Does not count towards majors or minors 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)  
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)  
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)  
Continuation of 202.

204. Intensive Second-Year French  
Fall, Winter, Spring. Summer. 10(10-1) May not receive credit for both 204 and sequence 301, 202, 203, 102 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  
(220) Fall, Winter, Spring. 3(3-0)  
A practical, remedial study of pronunciation and diction. Use of the language laboratory.

311. Advanced Oral French  
Fall, Winter, Spring. 2(2-0) or 3(3-0)  
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 6 credits. 311 or approval of department.  
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(3-3)  
May re-enroll for a maximum of 8 credits.  
UC 210 or TC 290 recommended. Interdepartmental with and administered by the Department of Romance and Classical Languages.  
Development of the student's aesthetic 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. 0(3-0) [3(3-0)]  
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.  

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 prescriptive grammar and syntax.

435. Development of French Culture and Thought  
Fall, Winter, Spring, Summer, 4(4-0) 420. French Phonology  
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.

436. Major Authors of the Middle Ages  
Fall, Spring, 4(4-0) 436. Development of French Culture and Thought  
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 Eighteenth Century  
Fall, Winter, 4(4-0) 455. Major Authors of the Middle Ages  
May re-enroll for a maximum of 8 credits. 351 and 352 or approval of department.  
Major currents in eighteenth century French literature. Close examination of selected texts.

465. Major Authors of the Nineteenth Century  
(410.) Winter, Spring, 4(4-0) 465. Major Authors of the Eighteenth Century  
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 Twentieth Century  
(415.) Winter, Spring, 4(4-0) 470. Major Authors of the Nineteenth Century  
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, Vigne, Balzac, Stendhal, Norval, Baudelaire, Flaubert, Mallarme, Zola and others.

475. Major Authors of the Twentieth Century  
Fall, Winter, Spring, 4(4-0) 475. Major Authors of the Nineteenth Century  
May re-enroll for a maximum of 12 credits. 351 and 352 or approval of department.  
Representative novels, plays, and poetry emphasizing the Entree-Deux-Guerres and Existentialist school. Apollinaire, Beckett, Camus, Claudel, Gide, Gide, Ionesco, Malraux, Perron, Proust, Robbe-Grillet, Barthe, and others.

481H. Honors Seminar  
Fall, Winter, Spring, 4(4-0) 481H. Honors Seminar  
May re-enroll for a maximum of 8 credits. One term of any 400 course in French, except 337, or approval of department.

488. Literature of the French-Speaking World  
Spring, 4(4-0) 488. Literature of the French-Speaking World  
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.

500. Teaching French in College  
Fall, Winter, Spring, 0 to 3 credits.  
May re-enroll for a maximum of 5 credits. Graduate teaching assistant.

502. Studies in Old French Language and Literature  
Fall of even-numbered years. Winter and Spring of odd-numbered years. 3(3-0) 502. Studies in Old French Language and Literature  
May re-enroll for a maximum of 9 credits.

503. Workshop for Teachers of French  
Summer, 1(1-0) to 6(0-0) 503. Workshop for Teachers of French  
May re-enroll for a maximum of 6 credits. Supervised research and enrichment for teachers of French; emphasis on cultural patterns, methodology, and improvement of language and linguistic proficiency.

504. Stylistics  
Fall of odd-numbered years. 3(3-0) 504. Stylistics  
May re-enroll for a maximum of 6 credits. Supervised study of the stylistics of French literature; exemplified by representative selections from distinguished modern authors. Conducted in French.

505. Development of the French Language  
Fall of even-numbered years. 3(3-0) 505. Development of the French Language  
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.

508. French Linguistics  
Winter of even-numbered years. 3(3-0) 508. French Linguistics  
LIN 401, or knowledge of modern French. Structure of the French language examined through the methodology of descriptive linguistics: application of the techniques of structural, transformational grammar, and distinctive feature analysis.

509. Development of French Culture  
Winter and Spring of odd-numbered years. 3(3-0) 509. Development of French Culture  
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.

510. Studies in Sixteenth Century Literature  
Spring, 3(3-0) 510. Studies in Sixteenth Century Literature  
May re-enroll for a maximum of 9 credits. Works of major prose writers and poets of the Renaissance and reformation.

520. Studies in Seventeenth Century Literature  
Fall, Spring, 3(3-0) 520. Studies in Seventeenth Century Literature  
May re-enroll for a maximum of 12 credits. Selected topics on major dramatic and nondramatic literature of the Classical Period. Close readings of texts in their historical and social contexts with some emphasis on contemporary critical theories.

530. Studies in Eighteenth Century Literature  
Fall, Spring, 3(3-0) 530. Studies in Eighteenth Century Literature  
May re-enroll for a maximum of 9 credits. Varying topics such as the development of the French novel throughout the 18th Century; the theatre of the absurd, and structuralism.

540. Studies in Nineteenth Century Literature  
Winter, Spring, 3(3-0) 540. Studies in Nineteenth Century Literature  
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.

550. Form and Development of French Criticism  
Winter of even-numbered years. 3(3-0) 550. Form and Development of French Criticism  
May re-enroll for a maximum of 6 credits. First term: The evolution of French critical theory and practice from the Fidele to World War II, preceded by a brief consideration of Plato and Aristotle as the founder of literary criticism.

560. Graduate Reading Course  
Fall, Winter, Spring, Summer, 1 to 5 credits.  
May re-enroll for a maximum of 15 credits. Approval of department.

565. Studies in Twentieth Century Literature  
Fall, Winter, 3(3-0) 565. Studies in Twentieth Century Literature  
May re-enroll for a maximum of 12 credits. Selected topics on the twentieth-century novel, drama and poetry: the roman feerique, surrealism, existentialism, the nouveau roman, the theater of the absurd, and structuralism.
871. Studies in Literatures of French Expression  
Spring. 3(3-0) May re-enroll for a maximum of 8 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

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, 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.

306. Greek Epic and Drama  
Fall, Winter, Spring. 4(4-0) May re-enroll for a maximum of 12 credits.  
Selections from Homer, Sophocles, Euripides and 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

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 103 and 102.  
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. 10(10-2) Primarily for majors in music-vocal.  
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.

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

204. Intensive Second-Year Italian  
Winter. 10(10-2) 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 220 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(3-0) 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
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<tbody>
<tr>
<td>101.</td>
<td>Elementary Spanish</td>
<td>Fall, Winter, Spring. 5(5-0) Vocabulary, pronunciation, inflection, syntax, easy reading, and oral drill.</td>
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<tr>
<td>102.</td>
<td>Elementary Spanish</td>
<td>Fall, Winter, Spring. 5(5-0) 101 or placement at 102 level. Continuation of 101.</td>
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<tr>
<td>103.</td>
<td>Elementary Spanish</td>
<td>Fall, Winter, Spring. 5(5-0) 102 or placement at 103 level. Continuation of 102.</td>
</tr>
<tr>
<td>111.</td>
<td>Spanish for Travelers</td>
<td>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.</td>
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<tr>
<td>121.</td>
<td>Reading Spanish for Beginners</td>
<td>Fall, Winter, Spring. 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.</td>
</tr>
<tr>
<td>122.</td>
<td>Reading Spanish for Beginners</td>
<td>Winter. 3(3-0) 121 or placement at 122 level. Continuation of 121.</td>
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<tr>
<td>201.</td>
<td>Second-Year Spanish</td>
<td>Fall, Winter, Spring. 4(4-1) Continuation of oral practice, intensive, organized review of grammar and development of techniques in reading.</td>
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<td>202.</td>
<td>Second-Year Spanish</td>
<td>Fall, Winter, Spring. 4(4-0) Continuation of 201. Discussion of reading conducted in the language. Formal writing on topics directly related to reading materials.</td>
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<tr>
<td>203.</td>
<td>Second-Year Spanish</td>
<td>Fall, Winter, Spring. 4(4-0) Continuation of 202.</td>
</tr>
<tr>
<td>204.</td>
<td>Intensive Second-Year Spanish</td>
<td>Fall, Winter, Spring. 10(10-1) May not receive credit for both 204 and the sequence 201, 202, 203, 101 or 103. Intensive second year, combining in one term the work of 201, 202 and 203.</td>
</tr>
</tbody>
</table>

**Portuguese**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>101.</td>
<td>Elementary Portuguese</td>
<td>Fall. 5(5-0) Pronunciation, grammar, conversation, and easy reading.</td>
</tr>
<tr>
<td>103.</td>
<td>Elementary Portuguese</td>
<td>Spring. 5(3-0) 102. Continuation of 102.</td>
</tr>
<tr>
<td>201.</td>
<td>Second-Year Portuguese</td>
<td>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.</td>
</tr>
<tr>
<td>202.</td>
<td>Second-Year Portuguese</td>
<td>Winter. 4(4-0) 201. Continuation of 201.</td>
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**Spanish**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
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<tbody>
<tr>
<td>305.</td>
<td>Plautus</td>
<td>Winter. 4(4-0) Selected plays of Plautus.</td>
</tr>
<tr>
<td>306.</td>
<td>Catullus</td>
<td>Spring of even-numbered years. 3(3-0) Readings in the poetry of Catullus.</td>
</tr>
<tr>
<td>311.</td>
<td>Spanish for Spanish-Speaking Americans</td>
<td>Fall. 4(4-0) Approval of department. Development of the language proficiency of Spanish-speaking Americans. Practice in the use of Spanish.</td>
</tr>
<tr>
<td>312.</td>
<td>Spanish for Spanish-Speaking Americans</td>
<td>Winter. 4(4-0) 211. Continuation of 211.</td>
</tr>
<tr>
<td>313.</td>
<td>Spanish for Spanish-Speaking Americans</td>
<td>Spring. 4(4-0) 212. Continuation of 212.</td>
</tr>
</tbody>
</table>

**Romance and Classical Languages — Descriptions 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.

345. 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.

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) 312. Recommended for prospective teachers.
Descriptive and prescriptive grammar and syntax.

431. Spanish Language and Literature: Pre-Columbian to the Seventeenth Century
Fall, Winter, Spring, Summer. 3(3-0)
May re-enroll for a maximum of 8 credits. 351 and 352 or approval of department.
Descriptive consideration of the basic stylistic elements.

450. Major Authors of Spanish Literature to the Sixteenth Century
(405.) Spring. 4(4-0) May re-enroll for a maximum of 9 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
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 Quixote, 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 Calderon, Peralta, Rivas, Zorrilla; Espronceda, Becquer; and others.

470. Major Authors of the Twentieth Century
(436.) 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 Satreto to present; Novel: Cela, Matus, Sestero, Au; Poetry: Jimenez, Hierro, and others.

475. Major Authors of Spanish American Literature to Modernism
(440.) Fall, Winter, Spring. 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, Luis de Guzman, Las Casas 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, Rodio, Ruben Darfo and other modernist authors; from Azuela, Colunga, Pereda, Cortazar and other major writers of prose fiction.

481H. Honors Seminar
Fall, Winter, Spring. 3(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 cronia general; Milagros de san Jeronimo; 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. Principals 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.

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
Fall, Winter, Spring, Summer. 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 18 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.

605. 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.

615. 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-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(1-4) 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 electrocardiography, 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, 212, 241
2. 202, 212, 223, 242
3. 203, 213, 223, 243

201. Americans and Their Values
(21A.) Fall, Winter, Spring, Summer. 4(4-0)

Postrace 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
(22A.) 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?
(23A.) 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
(21B.) 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
(22B.) 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
(23B.) 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
(23C1.) 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
(23C2.) 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. Intermeshing of economic and political activities.

223. The World's Cities: An Urban Culture and its Common Problems
(23C3.) 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.