

**Descriptions — Romance Languages
of
Courses**

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 12 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, Inoa 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.

803. Workshop for Teachers of Spanish
Summer. 1(1-0) to 6(6-0) May re-enroll once when the theme is different. Primary, secondary, community college teachers of Spanish or approval of department.
In-service training and enrichment for teachers of Spanish; emphasis on cultural patterns, methodology, and improvement of language and linguistic proficiency.

804. Stylistics
Fall of odd-numbered years. 3(3-0) May re-enroll for a maximum of 6 credits.
Principles of Spanish style, based on representative selections from distinguished Spanish authors.

805. Development of the Spanish Language
Winter and Spring of even-numbered years. 3(3-0) May re-enroll for a maximum of 6 credits.
Development of Spanish language from its origin to present day in Spain and Spanish America. Phonology, morphology, dialectology.

809. Development of Hispanic Culture
Winter and Spring of odd-numbered years. 3(3-0) May re-enroll for a maximum of 6 credits. Primarily for high school language teachers.
Deals with the cultural growth of the area with particular emphasis on literature and the other arts, their relation to the culture itself and to the language spoken. Given in Spanish.

811. Studies in Golden Age Literature
Winter. 3(3-0) May re-enroll for a maximum of 12 credits.
Poetry, drama, prose of 16th and 17th century Spain.

812. Cervantes
Winter and Spring of odd-numbered years. 3(3-0) May re-enroll for a maximum of 6 credits.
Critical study of *Don Quixote* and the *Novelas Ejemplares* and other works read for class discussions.

831. Studies in Eighteenth and Nineteenth Century Literature
Winter and Spring of even-numbered years. 3(3-0) May re-enroll for a maximum of 9 credits.
Literature from Post-Baroque Spain to the Generation of 1898.

842. Studies in Twentieth Century Literature
Fall, Winter. 3(3-0) May re-enroll for a maximum of 12 credits.
Literary and intellectual trends in Spain from the Generation of 1898 to the present. Consideration in different terms of prose fiction, essay, drama and poetry.

850. Studies in Spanish-American Literature before 1888
Winter and Spring of odd-numbered years. 3(3-0) May re-enroll for a maximum of 12 credits.
The most important authors and movements of the colonial period and the nineteenth century to 1888.

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

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

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

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

999. Research
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 36 credits.

RUSSIAN

See German and Russian.

SANITARY ENGINEERING

See Civil and Sanitary Engineering.

SMALL ANIMAL SURGERY AND MEDICINE SSM

College of Veterinary Medicine

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
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.

512. Small Animal Surgery and Medicine II

Winter, Summer. 7(6-3) 511.

Diseases of musculoskeletal, digestive and respiratory systems. Includes radiology and surgical laboratory with demonstrations.

513. Small Animal Surgery and Medicine III

Fall, Spring. 7(7-0) 512.

Diseases of urogenital, endocrine, cardiovascular, hematopoietic and integumentary systems and specific infectious diseases. Includes radiographic and surgical techniques.

601. Small Animal Clinical Surgery

Fall, Winter, Spring, Summer. 3(0-9)

Veterinary Medicine students in terms 9, 10, 11 electing Large Animal or Non-Practice option and approval of department.

Diagnosis, prognosis, treatment, and prevention of disease through handling of clinic patients under direct supervision of faculty and staff. Clinical rotation will be limited to general surgery.

602. Small Animal Clinical Surgery

Fall, Winter, Spring, Summer. 6(0-18)

Veterinary Medicine students in terms 9, 10, 11 electing Mixed-Practice option and approval of department.

Diagnosis, prognosis, treatment, and prevention of disease through handling of clinic patients under direct supervision of faculty and staff. Clinical rotation includes general surgery and selected specialty sections.

603. Small Animal Clinical Surgery

Fall, Winter, Spring, Summer. 12(0-36)

Veterinary Medicine students in terms 9, 10, 11 electing Small Animal option and approval of department.

Diagnosis, prognosis, treatment, and prevention of disease through handling of clinic patients under direct supervision of faculty and staff. Clinical rotation includes general surgery and all specialty sections.

604. Small Animal Clinic II

Fall, Winter, Spring, Summer. 12(0-36) 504.

Concepts and practices of clinical veterinary medicine. Rotation through hospital services. Diagnosis, prognosis, treatment, and prevention of disease through handling of clinic patients under direct supervision of staff veterinarians.

608. Special Problems in Clinical Surgery

Fall, Winter, Spring, Summer. 3(0-9)

to 12(0-36) May re-enroll for a maximum of 12 credits. 601 or 602 or 603 and approval of department.

Advanced undergraduate training in clinical surgery under direct supervision of faculty and staff.

611. Small Animal Clinical Medicine

Fall, Winter, Spring, Summer. 3(0-9)

Veterinary Medicine students in terms 9, 10, 11 electing Large Animal or Non-Practice option and approval of department.

Diagnosis, prognosis, treatment, and prevention of disease through handling of clinic patients under direct supervision of faculty and staff. Clinical rotation will be limited to general medicine.

612. Small Animal Clinical Medicine

Fall, Winter, Spring, Summer. 6(0-18)

Veterinary Medicine students in terms 9, 10, 11 electing Mixed-Practice option and approval of department.

Diagnosis, prognosis, treatment, and prevention of disease through handling of clinic patients under direct supervision of faculty and staff. Clinical rotation includes general medicine and selected specialty sections.

613. Small Animal Clinical Medicine

Fall, Winter, Spring, Summer. 12(0-36)

Veterinary Medicine students in terms 9, 10, 11 electing Small Animal option and approval of department.

Diagnosis, prognosis, treatment, and prevention of disease through handling of clinic patients under direct supervision of faculty and staff. Clinical rotation includes general medicine and all specialty sections.

614. Small Animal Surgery and Medicine IV

Winter, Summer. 3(3-0) Sixth-term

Veterinary Medicine students.

Occurrence, etiology, symptomatology, diagnosis, treatment and prevention of diseases of nervous system, organs of special sense, physical and chemical agents and neoplasia.

618. Special Problems in Clinical Medicine

Fall, Winter, Spring, Summer. 3(0-9)

to 12(0-36) May re-enroll for a maximum of 12 credits. 611 or 612 or 613 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 601, 611; or 602, 612; or 603, 613; and approval of department.

Case oriented problem solving through faculty-student group discussions and seminars.

651. Clinico-Pathologic Conference

Fall, Winter, Spring, Summer. 0 or 1(1-0)

May re-enroll for a maximum of 2 credits. Professional Veterinary Medicine students.

Clinico-pathologic conference on selected clinical cases. Students will be required to enroll each term (first nine terms) without credit and in terms ten and eleven for 1 credit each term.

808. Problems in Small Animal Surgery

Fall, Winter, Spring, Summer. Variable credit.

Advanced undergraduate training in clinical surgery under direct supervision of faculty and staff.

810. Problems in Small Animal Medicine

Fall, Winter, Spring, Summer. Variable credit.

Advanced undergraduate training in clinical medicine under direct supervision of faculty and staff.

813. Seminar

Fall, Winter, Spring. 1 credit.

822. Bone and Joint Surgery

Winter. 3(2-4) Approval of department.

Fundamentals, theory and practice covering the various conditions and surgery of bones and joints.

823. Special Surgery

Spring. 3(1-6) May re-enroll for a maximum of 6 credits. Approval of department.

Surgical technique and tissue reactions following surgery in small animals.

825. Advanced Anesthesiology

Winter. 4(2-3) Approval of department.

Principles of drug action pertaining to anesthetics will be discussed including respiratory and cardiovascular effects of inhalation and intravenous agents. Anesthetic techniques for various animal species will be presented.

826. Cardiology

Fall. 3(2-4) Approval of department.

Study recent advances in veterinary cardiology. Includes electrocardiology, congenital and acquired diseases, cardiac catheterization and surgery.

899. Research

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

Research on thesis problems.

SOCIAL SCIENCE

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University College

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

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

100. Personal Decision Making and Public Policy

Spring. 4(4-0)

Public policy and decision-making processes. Effects of policy on the quality of life. Development of descriptive and prescriptive social science skills. Improving the policy-making process.

201. Americans and Their Values

(231A.) Fall, Winter, Spring, Summer.

4(4-0)

Processes by which individuals are socialized to the prevailing patterns of behavior by such agencies as family, school, peer groups, mass media and church. Part played by each in the development of personality.

202. Power in America

(232A.) Fall, Winter, Spring, Summer.

4(4-0) 201 preferred; or 211, 221, or 241.

Problems of regulating and controlling human behavior. Emphasis placed on major economic and political institutions involved in social control. This includes problems of human wants and needs.

203. A Peaceful World?

(233A.) Fall, Winter, Spring, Summer.

4(4-0) 202 preferred; or 212 or 222, or 242.

The international scene with the focus on problems of economic development, conflict among the nation-states and attempts at conflict control.

211. The Emergence of Man

(231B.) Fall, Winter, Spring, Summer.

4(4-0)

The bio-social evolution of man. The theories and empirical findings of the behavioral sciences are brought to bear upon the nature of man.