

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

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

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

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

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

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

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

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

811. Studies in Golden Age Literature
Winter. 3(3-0) May reenroll for a maximum of 12 credits.

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

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

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

831. Studies in Eighteenth and Nineteenth Century Literature
Winter and Spring of even-numbered years. 3(3-0) May reenroll for a maximum of 9 credits.

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

842. Studies in Twentieth Century Literature
Fall, Winter. 3(3-0) May reenroll for a maximum of 12 credits.

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

850. Studies in Spanish-American Literature before 1888
Winter and Spring of odd-numbered years. 3(3-0) May reenroll for a maximum of 12 credits.

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

852. Studies in Contemporary Spanish-American Literature
Fall of odd-numbered years. Spring of even-numbered years. 3(3-0) May reenroll for a maximum of 12 credits.

Poetry, drama, prose, fiction and essay from the modernist movement to the present.

860. Graduate Reading
Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 15 credits. Approval of department.

Supervised reading course for investigation of special fields.

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

981. Seminar in Hispanic Literature
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 18 credits.

A particular writer, a major work, or a limited theme is chosen for intensive analysis. The topic and the professor of the course change each term.

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

RUSSIAN

See German and Russian.

SANITARY ENGINEERING

See Civil and Sanitary Engineering.

SMALL ANIMAL SURGERY AND MEDICINE SSM

College of Veterinary Medicine

500. Veterinary Management of Unusual Animals
Spring. 2(2-0) Satisfactory completion of term 4 of the professional veterinary curriculum.

Veterinary management of laboratory animals, reptiles, birds, fish, and wild species kept as pets. Emphasis on capture, restraint and anesthesia, diagnosis and treatment of common diseases.

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

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

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

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

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

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

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

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

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

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

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

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

Descriptions – Small Animal Surgery and Medicine

of Courses

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

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

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

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

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

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

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

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

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

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

SOCIAL SCIENCE S S

College of Social Science University College

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

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

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

202. Power in America (S)
Fall, Winter, Spring, Summer. 4(4-0)
S S 201, or S S 211, or S S 221, or S S 241 recommended; S S 201 preferred.
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. American and World Problems (S)
Fall, Winter, Spring, Summer. 4(4-0)
S S 202, S S 212, S S 222 or S S 242 recommended; S S 202 preferred.
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 (S)
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 (S)
(232B.) Fall, Winter, Spring, Summer. 4(4-0) S S 201, S S 211, S S 221 or S S 241 recommended; S S 211 preferred.
Factors and directions in urban change. Impacts on life styles and life strategies of urban groups. Challenges to traditional family, educational, and community patterns.

213. Casualties of Contemporary Society (S)
(233B.) Fall, Winter, Spring, Summer. 4(4-0) S S 201, S S 212, S S 222 or S S 242 recommended; S S 212 preferred.
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 Individual and Metropolitan Society (S)
Fall, Winter, Spring, Summer. 4(4-0)
Factors and directions in metropolitan change. Impacts on life styles and life strategies of individuals and groups. Challenges to traditional family, educational and community patterns.

222. Economics, Politics and the Individual in the Metropolis (S)
(232C.) Fall, Winter, Spring, Summer. 4(4-0) S S 201, S S 211, S S 221, S S 241, recommended; S S 221 preferred.
Patterns of economic and political participation: The impact on the individual. Employment security and job satisfaction, economic rewards, political power and civil rights. Intermeshing of economic and political activities.

223. World Urbanization: Cultures and Common Issues (S)
(233C.) Fall, Winter, Spring, Summer. 4(4-0) S S 202, S S 212, S S 222 or S S 242 recommended; S S 222 preferred.
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.

241. Cultures in Crisis (S)
Fall, Winter, Spring, Summer. 4(4-0)
The nature and sources of social cohesion. Approaches to the modernization of traditional societies. Problems and alternative strategies of nation building.

242. Freedom and Justice (S)
(232D.) Fall, Winter, Spring, Summer. 4(4-0) S S 201, S S 211, S S 221 or S S 241 recommended; S S 241 preferred.
Ideologies of change in the modern world-sources, appeals, problems. Issues of social justice and individual freedom.

243. War and Morality (S)
(233D.) Fall, Winter, Spring, Summer. 4(4-0) S S 202, S S 212, S S 222 or S S 242 recommended; S S 242 preferred.
Social tensions and revolutionary change. The causes of war: international conflict and the great powers. Strategies for peace. Man's conscience versus state policies.

300. Supervised Individual Study
Fall, Winter, Spring, Summer. 2 to 4 credits. 8 credits completed in general education social science; approval of department.
Selected students requesting individual study of interdisciplinary problems will work under supervision of University College professors. Variable elective credit will be determined when the student secures instructor, adviser, and department approval.

IDC. Modernization: India, Pakistan, Bangladesh
For course description, see Interdisciplinary Courses.

IDC. Modernization: The Middle East
For course description, see Interdisciplinary Courses.

IDC. Far East: Contemporary Issues and Problems
For course description, see Interdisciplinary Courses.

IDC. Refugees, Displaced Persons, Hostages, Exiles
For course description, see Interdisciplinary Courses.

SOCIAL SCIENCE SSC (COLLEGE OF)

491H. Perspectives in the Social Sciences and Humanities
Fall, Winter, Spring. 2 to 6 credits.
May reenroll for a maximum of 12 credits if different topic is taken. Juniors, approval of Honors College, or approval of instructor. Interdepartmental with the colleges of Arts and Letters and Justin Morrill and administered by the College of Arts and Letters.
An integration of several disciplines and methodologies of several disciplines as they are relevant to particular topic areas.