UNIVERSITY • UNIV

Unique courses of timely and general interest are offered periodically as "Univ" courses. These courses are interdisciplinary, broad in scope, and centered on topics of current concern. Permission to offer a Univ course must be obtained from the Office of Academic Affairs and the course must be approved by the Faculty Senate Currricula and Committee. University courses may not be offered more than twice (with the exception of The Boyd Professor Lecture Series). Each course carries undergraduate credit of one to three semester hours. Acceptance of such credit toward fulfillment of broader requirements is decided by the faculty of each college or school within the University. The topic, credit, and class time of each University course are announced by the Office of Academic Affairs prior to the beginning of the semester in which the course is to be taught.

University courses have been offered on such topics as The Constitution; Then and Now (1987), The Age of the French Revolution (1989), Diversity in America (1990), The Holocaust (1992), Political Communication (1993), Race Relations (1995), and The Boyd Professor Lecture Series (2000).

UNIVERSITY COLLEGE • UC

0006 Study Skills (2) For students in Student Support Services Program only. Not for degree credit. Pass-no-credit grading. Prereq.: Consent of instructor. Basic learning principles; includes time management, goal-setting, note-taking, listening skills, reading, theme and report writing, memory, and analyzing study problems.

0050 Introduction to Mentoring, Education, and Research (2) F,S Prereq.: F,S. For first-year students in HHMI Professors Program or LA-STEM Research Scholars Program only. Not for degree credit. Pass-no-credit grading. May be taken for a maximum of 4 semester hours of credit. Students will be mentored as they prepare to become mentors and researchers. Introduction to college success tools, including learning strategies, time management, and organization.

0060 Pursuit of Personal, Professional, and Academic Development, and Research (2) F,S Prereq.: UC 0050 or permission of instructor. For second-year students in the HHMI Professors Program or LA-STEM Research Scholars Program only. Not for degree credit. Pass-no credit grading. May be taken for a maximum of 4 semester hours of credit. Students continue to implement the college success tools gained in UC 0050 and will gain skills needed to obtain research. Students will assess various applications of terminal degrees in their chosen discipline and will engage in peer mentoring.

0070 Success in Mentoring, Education, and Research (2) F,S UC 0060 or permission of instructor. For third-year students in HHMI Professors Program or LA-STEM Research Scholars Program only. Not for degree credit. Pass-no-credit grading. May be taken for a maximum of 4 semester hours of credit. Students will gain skills needed for graduate school marketability and preparation, and will expand their mentoring projects and community involvement, engaging in peer mentoring.

0080 Advancing in Mentoring, Education, and Research (1) F,S Prereq.: UC 0070 or permission of instructor. For fourth-year students in HHMI Professors Program or LA-STEM Research Scholars Program. Not for degree credit. Pass-no-credit grading. May be taken for a maximum of 4 semester hours of credit. Students will serve as leaders within the program and in the community. They will enhance presentation skills, finalize graduate school preparation, and engage in peer mentoring.

UNIVERSITY STUDIES • UNST

3900 Interdisciplinarity (3) Prereq.: Senior standing in the College of Arts & Sciences as a general studies major. Study of interdisciplinary approaches in the sciences, social sciences, arts, and humanities; analysis of combinations of disciplinary approaches.

VETERINARY CLINICAL SCIENCES • VCS

7001 Seminar: Veterinary Clinical Sciences (1) V Prereq.: DVM or equivalent degree or consent of instructor. May be taken for a max. of 8 hrs. of credit when topics vary. New developments in veterinary internal medicine, surgery, dermatology, ophthalmology, cardiology, neurology, theriogenology, and laboratory/toxic animal medicine.

7002 Research Techniques in Veterinary Clinical Sciences (1-4) Prereq.: appropriate 4000- or 5000-level course in selected topic or equivalent and consent of instructor. May be taken for a max. of 6 sem. hrs. when topics vary. Specialized research techniques related to a specific discipline of veterinary clinical sciences.

7003 Special Topics in Veterinary Clinical Sciences (1-4) Prereq.: appropriate 4000- and 5000-level course in selected topic or equivalent and consent of instructor. May be taken for a max. of 8 sem. hrs. of credit when topics vary. Aspects of the biochemical, physiological, pathophysiologic, epidemiologic and economic basis of clinical veterinary medicine.

7201 Veterinary Gastroenterology (2) V Prereq.: DVM or equivalent degree or consent of instructor. Gastrointestinal diseases and related conditions; emphasis on diagnostics, pathophysiology, and management options.

7202 Veterinary Surgical Techniques (1) V Prereq.: DVM or equivalent degree or consent of instructor. 3 hrs. lab. May be taken for a max. of 6 hrs. of credit when topics vary. Advanced surgical and experimental techniques related to an organ system.

7204 Advanced Veterinary Orthopedics (2) V Prereq.: DVM or equivalent degree or consent of instructor. Bone, muscle, ligament, and joint emphasis; emphasis on pathophysiology, diagnostics, and management options.

7205 Advanced Veterinary Clinical Neurology (2) V Prereq.: DVM or equivalent degree or consent of instructor. Diseases of the central and peripheral nervous system; emphasis on pathophysiology, diagnostics, neurosurgery, and other management options.

7206 Advanced Veterinary Urogenital Disease (2) S Prereq.: DVM or equivalent degree or consent of instructor. Urinary and reproductive tract diseases and related conditions with emphasis on pathophysiology, diagnostic, and management options.

7208 Advanced Veterinary Cardiovascular Disease (2) V Prereq.: DVM or equivalent degree or consent of instructor. Cardiovascular diseases and related conditions with emphasis on pathophysiology, diagnostic and management options.

7209 Advanced Veterinary Respiratory Disease (2) V Prereq.: DVM or equivalent degree or consent of instructor. Respiratory diseases and related conditions with emphasis on pathophysiology, diagnostic and management options.

7210 Veterinary Scientific Journal Review (1) Prereq.: DVM or equivalent degree or consent of instructor. May be taken for a max. of 6 sem. hrs. of credit. In depth critique of current veterinary journals with emphasis on appraising experimental design and interpretation and application of results.

7211 Advanced Veterinary Cardiorespiratory Disease (3) Prereq.: DVM or equivalent degree or consent of instructor. Cardiovascular and respiratory diseases and related conditions with emphasis on pathophysiology, diagnostic and management options.

7212 Biomechanics of Fractures and Fracture Fixation (3) Prereq.: Permission of instructor. Principles of biomechanics as applied to fractures and fracture fixation, including design and biomechanical testing devices for fixation of bone fractures arising in veterinary orthopedic surgery.

VETERINARY MEDICINE • VMED

Courses in the professional curriculum are designated as Veterinary Medicine (VMED) courses, rather than departmental courses, because of the integration of the disciplines. These courses, all at the 5000 level, are described in the School of Veterinary Medicine Bulletin. Prerequisite for enrollment in these courses is formal admission to the professional curriculum in the School of Veterinary Medicine. All courses must be taken in the proper sequence, as each is a prerequisite for the succeeding course. The following courses are utilized by all concentrations in the Veterinary Medical Sciences graduate program.

7001 Seminar: Veterinary Medical Sciences (1) May be taken for a max. of 8 hrs. of credit. Reports and discussion on topics of current interest in various disciplines of veterinary medicine.

7004 Introduction to Research (2) Prereq.: consent of instructor. Concepts and methodology in developing research programs; selection of a research problem; planning, execution, and publication of original research.

8000 Thesis Research (1-12 per sem.) S 7374 grading.

8900 Pre-dissertation Research (1-9) May be taken for a max. of 9 sem. hrs. of credit.

9000 Dissertation Research (1-12 per sem.) S 7374 grading.

VETERINARY SCIENCE • VETS

2000 Anatomy and Physiology of Farm Animals (3) F Anatomy and physiology of farm animals; important species differences.

2020 Herd Health and Disease Management of Domestic Farm Animals (3) F Herd health program of preventive medicine for farm livestock; disease processes, epidemiology, and rational approaches to therapeutic principles and control of diseases.

2080 Herd Health and Disease Management of Livestock (1) S 7374 lab. Dehorning, castration, branding, methods of restraint, and methods for control of parasites.

WOMEN’S & GENDER STUDIES • WGS

General education courses are marked with stars (★).

1001 Evolution of Sex and Gender (3) Interdisciplinary course, team-taught by faculty in the physical and social sciences. Covers evolution as differential reproduction; reproduction-related earth history highlights; genetics of sex; animal reproduction strategies; anatomy and physiology of human reproductive systems; evolutionary trajectories in primates; sex and gender in human prehistory and in culture.

2500 Introduction to Women’s & Gender Studies (3) Interdisciplinary study of women's lives: work, family, sexuality, economic development, political and social change; variance in sex roles among cultural groups and in different historical periods.

2501 HONORS: Introduction to Women’s & Gender Studies (3) Same as WGS 2500, with special honors emphasis for qualified students.

2500 Gender, Race, and Nation (3) The constructs of gender and sexuality across diverse racial, ethnic, cultural, and class boundaries.

3150 Survey of Feminist Theory (3) Interdisciplinary study of a range of feminist theories through which to consider the roles of women, gender, and sexuality.

3600 Women, Gender, and Leadership (3) Also offered as ELRC 3600. Interdisciplinary study of gender and leadership, with emphasis on women as leaders in a range of settings in education and society.

4028 Gender and American Politics (3) See POLI 4028. 4087 Gender, Place and Culture (3) See GEOG 4087.

4500 Special Topics in Women’s & Gender Studies (3) Prereq.: WGS 2500. May be taken for a max. of 6 sem. hrs. of credit when topics vary. Issues central to contemporary feminist inquiry.

4900 Independent Reading and Research in Women's & Gender Studies (3) Prereq.: WGS 2500 and permission of instructor and department. May be taken for a max. of 6 sem. hrs. when topics vary. Reading and research on selected topics that emphasize feminist interdisciplinary approaches.

7150 Seminar in Feminist and Gender Theory (3) Topics in recent and contemporary theory in a range of disciplines including the humanities, social sciences, natural and physical sciences, design, and education; students are encouraged to develop research projects relevant to their primary disciplines and to their research interests.

7900 Independent Reading and Research in Women’s & Gender Studies (3) S May be taken for a max. of 6 sem. hrs. of credit.