Descriptions — Urban Planning and Landscape Architecture of Courses

243. Basic Site Design (Spring) 2 credits. 0-2-4 Provisional majors; or approval of school. Applications of site planning theory and landscape design methods to development projects involving buildings, use areas, land, water and plant forms, with verbal and graphic expressions. Field trips required.

321. Advanced Graphic Communication Winter. 4 credits. 1-0-6 Junior majors. Development of proficiency in landscape delineation and rendering techniques, including specialized media and formats for visual presentations of design concepts, analyses and perceptions.

332. Site Engineering Fall. 2 credits. 3-1-2 Majors. Principles and procedures for design of site development projects, with emphasis on public and private urban forms and spaces, including survey of urban elements, cultural, ecological and aesthetic considerations, and interdisciplinary collaboration.

342. Recreation Site Design Fall. 2 credits. 2-2-4 Landscape Architecture majors; or approval of school. Ecological and cultural considerations, resource characteristics, activity requirements, recreation systems and site design standards; with applications of design process to representative recreational site developments, parks and special use areas.

346. Housing Site Design Winter. 3 credits. 2-2-4 Landscape Architecture or Urban Planning majors; or approval of school. Application of site planning principles and landscape design methods to representative site development projects, with emphasis on housing requirements and opportunities.

348. Community Projects Design Spring. 2 credits. 2-2-4 Landscape Architecture or Urban Planning majors; or approval of school. Application of site planning principles and landscape design methods to comprehensive site development projects, with emphasis on public and institutional requirements and opportunities.

350. Planting Design Theory (LA 250). Fall. 2 credits. 2-2-4 HRT 212, Junior majors; or approval of school. Principles of and procedures for arrangement of plants, emphasizing the perceptual characteristics of plants by means of models, sketches, plans and potential applications to landscape developments. Field trips required.

353. Planting Plans Spring. 2 credits. 3-2. Junior majors. Principles and procedures for selection and arrangement of plant materials for specific uses, including climate modification, spatial definition, circulation control, and soil and water conservation, as expressed by planting plans and specifications.

370. History of Environmental Development Spring. 2 credits. Significant natural conditions and cultural events have influenced attempts to organize and design the physical environment, as expressed in historic landscape development styles and movements.

390. Landscape Architecture Field Studies Fall, Winter, Spring. 2 to 4 credits. May reenroll for a maximum of 8 credits. Approval of school. Field trips to contemporary and historical site and regional zones within or outside the United States. Prior and post study required.

401. Environmental Land Planning Winter. 3 credits. Principles and methods of ecologically based land planning, stressing management and natural resources in relationship to growth and development; includes current environmental planning and development at local and state levels.

401A. Environmental Planning Application Winter. 1-0-2 Landscape Architecture 401 concurrently. Sample design exercises applying environmental land planning theory from LA 401 to select landscapes.

403. Urban Design Theory Spring. 3 credits. Concepts and procedures for the organization, design and development of public and private urban forms and spaces, including survey of urban elements, cultural, ecological and aesthetic considerations, and interdisciplinary collaboration.

403A. Urban Design Applications Spring. 1-0-2 Landscape Architecture 403 concurrently. Sample design exercises applying urban design theory from LA 403 to select urban landscapes.

423. Professional Graphics Spring. 4 credits. Landscape Architecture 321. Applications of advanced sketching, perspective and rendering techniques for typical professional presentations, including prints, reproductions, photography and multi-media audiovisual communications.

437. Design Implementation Winter. 3-1-2 Senior majors, LA 480 concurrently; CPS 115 or CPS 120. Preparation of a complete package of contract documents including the use of computer technology for a representative site development project including typical construction drawings, specifications and cost estimates.

471. History of Landscape Architecture Winter. 3 credits. Environmental design concepts and projects from 1850 to the present time, with emphasis on the development of the profession and practice of landscape architecture in the United States.

480. Professional Practice Winter. 3 credits. Senior majors, LA 437 concurrently. Principles and procedures of professional office practice, including ethics, client relations, registration, inter-professional collaboration, project management and marketing of professional services.

483. Landscape Architecture Seminar Spring. 2 credits. Senior majors. Research presentation and discussion of significant current issues, trends, events and opportunities relating to contemporary theories and practices of landscape architecture.

489. Landscape Architecture Internship Fall, Winter, Spring, Summer. 2 credits. May reenroll for a maximum of 8 credits. Junior, approval of school. Supervised experience in approved public agencies and professional offices. Bi-weekly conferences.

490. Special Problems Fall, Winter, Spring. 2 to 5 credits. May reenroll for a maximum of 12 credits. Approval of school. Investigation, for advanced undergraduate students in landscape architecture, developed from special interest areas.

499. Landscape Architecture Design Thesis Fall. 2-6 credits. Senior majors; or approval of school. Demonstration of analytical, creative and technical competencies in the development of methods and/or concepts leading to design solutions for contemporary landscape architecture problems for public service projects.

VETERINARY MEDICINE V M (COLLEGE OF)

511. Introduction to Veterinary Medicine I Fall. 2 credits. First-term Veterinary Medicine students. Species and breed identification, predisposition for specific diseases, basic care and feeding, restraint and handling of small domestic animals, unusual pets, and laboratory animals.

517. Perspectives in Veterinary Medicine Fall. 3 credits. First-term Veterinary Medicine students. Ethical principles, historical background and organization of the veterinary profession.

521. Introduction to Veterinary Medicine II Spring. 3 credits. Third-term Veterinary Medicine students. Restraint, physical examination and diagnostic procedures in food animals and horses. Fundamentals of equine conformation, gait, shoeing and routine medical care.

531. Animal Behavior Spring. 3 credits. Third-term Veterinary Medicine students. Emphasis on behavior of animals relating to disease prevention and treatment. Lectures, discussions and demonstrations on veterinary ethology including animal communications, reproduction, restraint, handling, housing and feeding habits.

540. Metabolic Diseases and Endocrinology Winter. 3 credits. Fifth-term Veterinary Medicine students. Biochemical and physiological basis of metabolic and endocrine diseases of animals including diagnosis, treatment and management.