COMPARATIVE MEDICINE - MD (CMED)

CMED 501: Biology and Care of Laboratory Animals
3 Credits
Presentation of the anatomic and physiologic characteristics of the commonly used laboratory animal species and their relation to biomedical research.

CMED 503: Laboratory Animal Genetics
3 Credits
Genetic principles applied to laboratory animals used for investigations of diseases that may be controlled or influenced by genetic factors.

CMED 507: Techniques of Laboratory Animal Experimentation
3 Credits
Techniques of drug administration, infusion, and collection of body fluids and materials; gnotobiology; use of radioisotopes and bioinstrumentation.

CMED 515: Experimental Surgery of Laboratory Animals
3 Credits
Surgical techniques, including nephrectomy and Goldblatt clamp, bladder and gastric pouches, bile duct cannulation, intraventricular operation, cardiac and cerebrovascular catheterization.

CMED 530: Diseases of Laboratory Animals I
3 Credits
Physiological and pathological expressions of both infectious and metabolic degenerative diseases of rodents, with emphasis on diagnostic and control methods.

CMED 531: Diseases of Laboratory Animals II
3 Credits
Physiological and pathological expressions of both infectious and metabolic degenerative diseases of nonhuman primates and other species of animals.

CMED 535: Comparative Pathology
3 Credits
Comparative pathologic characteristics of infectious and metabolic diseases of animals and man.

CMED 590A: Colloquium
1-3 Credits/Maximum of 3
Continuing seminars which consist of a series of individual lectures by faculty, students, or outside speakers.

CMED 590B: Contemporary Topics in Laboratory Animal Science Colloquium
1-3 Credits/Maximum of 3
Continuing seminars that consist of a series of individual lectures by faculty, students, or outside speakers. This colloquium is specifically focused on recent literature in the field of Laboratory Animal Medicine.

CMED 596: Individual Studies
1-9 Credits/Maximum of 9
Creative projects, including nonthesis research, which are supervised on an individual basis and which fall outside the scope of formal courses.

CMED 597: Special Topics
1-9 Credits/Maximum of 9
Formal courses given on a topical or special interest subject which may be offered infrequently; several different topics may be taught in one year or term.

CMED 600: Thesis Research
1-15 Credits/Maximum of 999
No description.