

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 590: Colloquium

1-3 Credits/Maximum of 3

Continuing seminars which consist of a series of individual lectures by faculty, students, or outside speakers.

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.