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.