**PAT 598 CLINICAL MICROBIOLOGY.** (3)
An introduction to the concepts of clinical microbiology through a survey of the microbial diseases of man using an organ system approach. Prereq: BIO 208 and 209, BIO 476G recommended, CHE 230 or 236, or consent of instructor. (Same as MI 598.)

**PAT 815 FIRST-YEAR ELECTIVE, PATHOLOGY.** (1-3)
With the advice and approval of his or her faculty adviser, the first-year student may choose approved electives offered by the Department of Pathology. The intent is to provide the student an opportunity for exploration and study in an area which supplements and/or complements required course work in the first-year curriculum. Pass-fail only. Prereq: Admission to first year, College of Medicine.

**PAT 823 MECHANISMS OF DISEASE AND TREATMENT/PATHOLOGY.** (9)
This is a course in basic mechanisms of disease causation and specific diseases of the organ systems. It introduces fundamental disease processes and the pathophysiology of major diseases affecting each of the organ systems. It stresses how disease alters normal structure and function and is closely integrated with PAT 824. Various teaching methodologies utilized include lectures, small group discussions, workshops, case studies, and computer-assisted instruction. Lecture, 20 hours per week. Prereq: Admission to second year of medical curriculum. (Same as MD 823.)

**PAT 825 SECOND-YEAR ELECTIVE, PATHOLOGY.** (1-4)
With the advice and approval of his or her faculty adviser, the second-year student may choose approved electives offered by the Department of Pathology. The intent is to provide the student an opportunity for exploration and study in an area which supplements and/or complements required course work in the second-year curriculum. Pass-fail only. Prereq: Admission to second-year medical curriculum and approval of adviser.

**PAT 850-899 FOURTH-YEAR ELECTIVE FOR MEDICAL STUDENTS.** (1-6)
With the advice and approval of the faculty adviser and the Student Progress and Promotions Committee, the fourth-year student may choose approved electives offered by the various departments in the College of Medicine. The intent is to provide the student an opportunity to develop his fund of knowledge and clinical competence. Prereq: Admission to the fourth year, College of Medicine and/or permission of the Student Progress and Promotions Committee.

**Approved electives:**
- PAT 850 AUTOPSY PATHOLOGY
- PAT 851 SURGICAL PATHOLOGY
- PAT 852 LABORATORY MEDICINE
- PAT 853 NEUROPATHOLOGY
- PAT 855 RESEARCH IN PATHOLOGY
- PAT 856 FORENSIC PATHOLOGY