Pathology

PALO 976. Introduction to Clinical Pathology - St. Joseph. 4-6 Hours.
This elective serves to enhance the student's awareness of the role
of the clinical laboratory in patient management. At the end of the
elective, the student will be able to: 1) Describe the general methodology,
interpretation and clinical implication of commonly ordered laboratory
tests, 2) Suggest a planned approach to laboratory test, when given a
patient's problem. An effort will be made to tailor the elective experience
to the needs and interests of the individual student. If no specific interests
are identified, a general elective will be arranged consisting of short
rotations in the several clinical laboratory sections under the tutelage of
supervisors, instructors, and pathologists. In each section, the student
will observe testing procedures and may perform selected analyses
at the discretion of the supervisor. Details of methodology will not be
stressed, rather the emphasis will be on general principles, sampling, and
interpretation. The student will attend daily departmental gross anatomic
pathology conferences and didactic presentations in both anatomic and
clinical pathology. The student will be encouraged, but not required to
attend extra departmental conferences, such as the daily family practice
noon conference. (Observation and participation in autopsies is also
optional, but encouraged. The student may choose to spend time in
surgical pathology or cytopathology.) The student will be required to
make a formal presentation during the last week of the elective. This may
consist of a case presentation with discussion of pertinent laboratory
findings or the student may elect to present an analysis of a particular
laboratory testing procedure, theory, or problem. Evaluation will be based
upon the student's knowledge, acquisition, interest, and participation.
Prerequisite: Medical Basic Sciences. CLN.

PALO 980. Introduction to Forensic Pathology. 2-4 Hours.
The student will understand and be able to describe orally, the basic
principles of the medicolegal autopsy through observation of postmortem
dissections and assisting the forensic pathologist. The student will learn
the principles of death scene investigation. The student will appreciate the
importance of toxicology in the correct determination of cause and manner
of death through the interpretation of toxicology reports and consultations
with the chief forensic toxicologist. The student will understand the role of
physical evidence collected at the scene and autopsy as it pertains to the
determination of cause and manner of death. The student will be assigned
to the autopsy suite and will be supervised by the on-duty designated
forensic pathologist. As time permits the student will accompany the
coroner or deputy coroner to court to observe trial testimony. Students
will be evaluated according to the objectives listed above. Prerequisite:
Medical basic sciences. CLN.