PA 0406 - Forensic Pathology
Credit(s): 2-12 Credits
Students are assigned to the St. Louis City Medical Examiner’s Office where they have the opportunity to observe medicolegal examination of victims of sudden unexpected death or violence, and accompany staff to court to observe legal proceedings. Students are able to attend the Medicolegal Death Investigation Course (week-long didactic course) if the rotation overlays the scheduled course sessions (course offered 3 times per/year).

PA 0408 - Hematopathology and Laboratory Hematology
Credit(s): 2-12 Credits
Introduction diagnostic hematopathology, to include flow cytometry and bone marrow and lymph node morphologic evaluation. Review of peripheral blood smears and body fluid specimens as clinically indicated.

PA 0409 - Gastrointestinal / Hepatic Pathology
Credit(s): 2-12 Credits
Students will obtain hands-on experience in surgical pathology of gastrointestinal and liver diseases. Specimens include resections and biopsies of GI tract and liver. During the rotation, students will participate in microscopic examination of GI tract and liver specimens, participate in intraoperative consultations, assist residents in gross examination, and attend department clinical and didactic conferences. As time permits, students may participate in other patient care activities in the division of Anatomic Pathology.

PA 0410 - Human Histology
Credit(s): 1-4 Credits
Histology is a foundational skill for a pathologist. This course is designed for fourth year medical students needing a solid review of histology or who have not previously taken a course in the subject. This 2-week non-patient care elective utilizes an online histology lecture course (https://www.lecturio.com/medical-courses/histology.course) which is broken down into two main sections: Basic Tissue Types and Organ Systems. A $49.99 fee is required to access the website material for one month, students must cover this themselves.

PA 0412 - Introduction to Laboratory and Transfusion Medicine
Credit(s): 2-12 Credits
This course is designed to provide students with experiences in the practice of laboratory medicine (aka clinical pathology) and transfusion medicine. The primary goal of this rotation is to provide the student with an inside look into how the clinical laboratories and blood bank operate to support and facilitate patient care. Discussions will focus on clinical lab test methodologies, ordering, interpretation, and utilization. Students will learn about each section of the clinical core laboratory (i.e. chemistry/immunology, hematology, hemostasis, and point of care testing) and about all aspects of transfusion medicine service, including blood product compatibility, therapeutic apheresis, and patient blood.

PA 0409 - Gastrointestinal / Hepatic Pathology
Credit(s): 2-12 Credits

PA 0410 - Human Histology
Credit(s): 1-4 Credits

PA 0412 - Introduction to Laboratory and Transfusion Medicine
Credit(s): 2-12 Credits

This course is designed to provide students with experiences in the practice of laboratory medicine (aka clinical pathology) and transfusion medicine. The primary goal of this rotation is to provide the student with an inside look into how the clinical laboratories and blood bank operate to support and facilitate patient care. Discussions will focus on clinical lab test methodologies, ordering, interpretation, and utilization. Students will learn about each section of the clinical core laboratory (i.e. chemistry/immunology, hematology, hemostasis, and point of care testing) and about all aspects of transfusion medicine service, including blood product compatibility, therapeutic apheresis, and patient blood.

PA 0410 - Human Histology
Credit(s): 1-4 Credits
Histology is a foundational skill for a pathologist. This course is designed for fourth year medical students needing a solid review of histology or who have not previously taken a course in the subject. This 2-week non-patient care elective utilizes an online histology lecture course (https://www.lecturio.com/medical-courses/histology.course) which is broken down into two main sections: Basic Tissue Types and Organ Systems. A $49.99 fee is required to access the website material for one month, students must cover this themselves.

PA 0412 - Introduction to Laboratory and Transfusion Medicine
Credit(s): 2-12 Credits
This course is designed to provide students with experiences in the practice of laboratory medicine (aka clinical pathology) and transfusion medicine. The primary goal of this rotation is to provide the student with an inside look into how the clinical laboratories and blood bank operate to support and facilitate patient care. Discussions will focus on clinical lab test methodologies, ordering, interpretation, and utilization. Students will learn about each section of the clinical core laboratory (i.e. chemistry/immunology, hematology, hemostasis, and point of care testing) and about all aspects of transfusion medicine service, including blood product compatibility, therapeutic apheresis, and patient blood.
PA 0903 - Pathology Research
Credit(s): 1-12 Credits (Repeatable for credit)
This course may be used to register for a Pathology elective. The elective experience must fulfill the requirements for a reading elective. The location of the experience may be at a SLU SOM affiliate or at another health care institution.