

Core SOM Preclinical Phase

First Year

ACED 800. Introduction to Doctoring. 0-3 Credits.

Introduction to Doctoring is a case-based, multidisciplinary course, taught by faculty members from foundational science and clinical departments. This course will provide students with the knowledge and skills to obtain a medical history in combination with a head-to-toe physical examination, basic life support and an introduction to the electronic medical record. In addition, students will be introduced to key topics in population health and social sciences. Students participate in large and small group activities, including lectures, case-based collaborative learning, problem-based learning, clinical skills lab and simulations. Students are assessed by multiple-choice examinations, small group and clinical skills performance, and professional development. Prerequisite: Medical School admission requirements.

ACED 805. Molecular and Cellular Medicine. 0-8 Credits.

Molecular and Cellular Medicine is a case-based, multidisciplinary course, taught by faculty members from foundational science and clinical departments. The focus of the course is the molecular and cellular mechanisms underlying health and disease. This course integrates content from the foundational, social, and clinical sciences. It includes clinical skills instruction in medical history and physical examination. Students participate in large and small group activities, including lectures, case-based collaborative learning, problem-based learning, clinical skills lab and simulations. Students will work collaboratively to master general principles, evaluate clinical literature, and develop tools for life-long learning. Students are assessed by multiple-choice examinations, small group and clinical skills performance, and professional development. Prerequisite: Successful completion of Introduction to Doctoring or permission of Associate Dean for Student Affairs.

ACED 810. Infection, Blood and Immunity. 0-8 Credits.

Infection, Blood and Immunity is a case-based, multidisciplinary course, taught by faculty members from foundational science and clinical departments. The course integrates critical principles related to microbial infection, as well as normal and abnormal activity of the immune system and blood, including content from the foundational, social, and clinical sciences. It includes clinical skills instruction in medical history and physical examination. Students participate in large and small group activities, including lectures, case-based collaborative learning, problem-based learning, clinical skills lab and simulations. Students will work collaboratively to master general principles, evaluate clinical literature, and develop tools for life-long learning. Students are assessed by multiple-choice examinations, small group and clinical skills performance, and professional development. Prerequisite: Successful completion of Molecular and Cellular Medicine or permission of Associate Dean for Student Affairs.

ACED 815. Respiration and Circulation. 0-8 Credits.

Respiration and Circulation is a case-based, multidisciplinary course, taught by faculty members from foundational science and clinical departments. The course integrates critical principles related to the normal and abnormal functioning of the cardiovascular, pulmonary and allied systems, including content from the foundational, social, and clinical sciences. It includes clinical skills instruction in medical history and physical examination. Students participate in large and small group activities, including lectures, case-based collaborative learning, problem-

based learning, clinical skills lab and simulations. Students will work collaboratively to master general principles, evaluate clinical literature, and develop tools for life-long learning. Students are assessed by multiple-choice examinations, small group and clinical skills performance, and professional development. Prerequisite: Successful completion of Infection, Blood and Immunity or permission of Associate Dean for Student Affairs.

ACED 820. Gastrointestinal and Renal. 0-8 Credits.

Gastrointestinal and Renal is a case-based, multidisciplinary course, taught by faculty members from foundational science and clinical departments. The course integrates critical principles related to the normal and abnormal functioning of the gastrointestinal, renal and allied systems, including content from the foundational, social, and clinical sciences. It includes clinical skills instruction in medical history and physical examination. Students participate in large and small group activities, including lectures, case-based collaborative learning, problem-based learning, clinical skills lab and simulations. Students will work collaboratively to master general principles, evaluate clinical literature, and develop tools for life-long learning. Students are assessed by multiple-choice examinations, small group and clinical skills performance, and professional development. Prerequisite: Successful completion of Respiration and Circulation or permission of Associate Dean for Student Affairs.

Second Year

ACED 825. Muscles and Movement. 8 Credits.

Muscles and Movement is a case-based, multidisciplinary course, taught by faculty members from foundational science and clinical departments. The course integrates critical principles related to the normal and abnormal functioning of the musculoskeletal, soft tissue and allied systems, including content from the foundational, social, and clinical sciences. It includes clinical skills instruction in medical history and physical examination. Students participate in large and small group activities, including lectures, case-based collaborative learning, problem-based learning, clinical skills lab and simulations. Students will work collaboratively to master general principles, evaluate clinical literature, and develop tools for life-long learning. Students are assessed by multiple-choice examinations, small group and clinical skills performance, and professional development. Prerequisite: Successful completion of Gastrointestinal and Renal and the end-of-year clinical skills assessment following the Gastrointestinal and Renal block or permission of Associate Dean for Student Affairs.

ACED 830. Brain, Mind and Behavior. 8 Credits.

Brain, Mind and Behavior is a case-based, multidisciplinary course, taught by faculty members from foundational science and clinical departments. The course integrates critical principles related to the normal and abnormal functioning of the central and peripheral nervous systems and mental health including content from the foundational, social, and clinical sciences. It includes clinical skills instruction in medical history and physical examination. Students participate in large and small group activities, including lectures, case-based collaborative learning, problem-based learning, clinical skills lab and simulations. Students will work collaboratively to master general principles, evaluate clinical literature, and develop tools for life-long learning. Students are assessed by multiple-choice examinations, small group and clinical skills performance, and professional development. Prerequisite: Successful completion of Muscles and Movement or permission of Associate Dean for Student Affairs.

ACED 835. Reproduction, Development and Sexuality. 0-8 Credits.

Reproduction, Development and Sexuality is a case-based, multidisciplinary course, taught by faculty members from foundational science and clinical departments. The course integrates critical principles related to the normal and abnormal functioning of human reproductive systems, human development and human sexuality including content from the foundational, social, and clinical sciences. It includes clinical skills instruction in medical history and physical examination. Students participate in large and small group activities, including lectures, case-based collaborative learning, problem-based learning, clinical skills lab and simulations. Students will work collaboratively to master general principles, evaluate clinical literature, and develop tools for life-long learning. Students are assessed by multiple-choice examinations, small group and clinical skills performance, and professional development. Prerequisite: Successful completion of Brain, Mind and Behavior or permission of Associate Dean for Student Affairs.

ACED 845. Transition to Clerkships. 4 Credits.

Transition to Clerkships (TTC) is a four-week, case-based course facilitated by clinical and foundational science faculty to prepare medical students for third-year clerkships. There will be learning opportunities for clinical skills advancement during the block. This will include standardized patient experiences and campus specific self-guided manual skill-stations or a simulation activity. Learners will continue to work collaboratively to consolidate prior knowledge by participating in problem-based learning and small group FLIPs during required classroom activities. Prerequisite: ACED 835.

Course credit hours are indicated after the course title.