Medicine-Interdisciplinary (MED_ID)

**MED_ID 5041: Structure and Function of the Human Body I**
Biochemical principles, cell biology, human development, histology and gross anatomy with clinical correlates utilizing patient examples and non-invasive techniques.

Credit Hours: 6

**MED_ID 5042: Interviewing**
Development of skills needed to obtain a history of the patient's present illness, past medical history and other pertinent background information. Vitaly important to medical practice, these skills are role modeled, practiced and evaluated with detailed feedback. Additional emphasis is placed on the doctor-patient relationship, ethics and the role of the physician as a therapeutic agent.

Credit Hours: 3

**MED_ID 5043: Structure and Function of the Human Body II**
Study of the structure and function of the body's metabolic, nervous and muscular systems.

Credit Hours: 6

**MED_ID 5044: Physical Examination**
Introduction to the doctor-patient relationship and systematic physical examination of the patient. Certification in basic life support is also included.

Credit Hours: 3

**MED_ID 5045: Structure and Function of the Human Body III**
Study of the structure and function of the body's cardiovascular, gastrointestinal, and urinary systems.

Credit Hours: 6

**MED_ID 5046: Psychosocial Aspects of Medicine**
A brief study of the history of medicine and the impact of key events on current medical practice. Study of the biophychosocial model, biomedical ethics and specific psychosocial problems encountered by physicians such as compliance, problems based in human sexuality, substance abuse and death and dying.

Credit Hours: 3

**MED_ID 5047: Structure and Functions of the Human Body IV**
Study of the structure and function of the endocrine, reproductive, vascular systems. The classification of pathogenic and non-pathogenic organisms, mechanisms of infection, the immune response and the interaction between pharmacologic agents and exogenous organisms.

Credit Hours: 6

**MED_ID 5048: Clinical Epidemiology and Preventive Medicine**
Application of clinical epidemiology to understanding measurement of population characteristics and to the critical analysis of the literature through analysis of study designs and interpretation of the results and causal relationships. Study of prevention, screening and health maintenance as important aspects of health care.

Credit Hours: 3

**MED_ID 5051: Ambulatory Clinical Experience I**
Ambulatory Clinical Experience I

Credit Hour: 1

**MED_ID 5052: Ambulatory Clinical Experience II**
Ambulatory Clinical Experience II

Credit Hour: 1

**MED_ID 5180: FULL-TIME ENROLLMENT FOR POST-SOPHOMORE FELLOWS**
FULL-TIME ENROLLMENT FOR POST-SOPHOMORE FELLOWS

Credit Hours: 18

**MED_ID 5205: Individualized Study**
Individualized Study

Credit Hours: 1-5

**MED_ID 5207: Summer Clinical Practicum Internal Medicine**
Summer Clinical Practicum Internal Medicine. 4 week course. Zero credit hours, 4 FA hours.

Credit Hours: 0

**MED_ID 5213: Leadership Practicum**
Leadership Practicum

Credit Hours: 0

**MED_ID 5215: Summer Clinical Practicum - Medical Education**
Summer Clinical Practicum - Medical Education- Zero billing hours and 4 FA hours

Credit Hours: 0

**MED_ID 5217: Summer Clinical Practicum - Rural Track**
This represents non-credit clinical and research experiences that medical students may take during the summer following their first (M1) year of medical school. 8 weeks. Zero Credit.

Credit Hours: 0

**MED_ID 5341: Structure/Function Human Body I - Remediation**
Structure/Function Human Body I - Remediation

Credit Hours: 6

**MED_ID 5342: Interviewing - Remediation**
Interviewing - Remediation

Credit Hours: 3
<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MED_ID 5343</td>
<td>Structure/Function Human Body II - Remediation</td>
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<tr>
<td>MED_ID 5344</td>
<td>Physical Exam - Remediation</td>
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<tr>
<td>MED_ID 5345</td>
<td>Structure/Function Human Body III</td>
<td>6</td>
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<td>MED_ID 5346</td>
<td>Psychosocial Aspects Med - Remediation</td>
<td>3</td>
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<tr>
<td>MED_ID 5347</td>
<td>Structure/Function Human Body IV - Remediation</td>
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<tr>
<td>MED_ID 5348</td>
<td>Clinical Epidemiology and Preventive Medicine - Remediation</td>
<td>3</td>
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<tr>
<td>MED_ID 5349</td>
<td>Pathophysiology I</td>
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<tr>
<td>MED_ID 5350</td>
<td>Diagnostic Tests and Medical Decisions</td>
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<td>MED_ID 5351</td>
<td>Pathophysiology II</td>
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<tr>
<td>MED_ID 5352</td>
<td>Advanced Physical Diagnosis I</td>
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<tr>
<td>MED_ID 5353</td>
<td>Advanced Clinical Skill Practicum</td>
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<td>MED_ID 5354</td>
<td>Psychopathology and Behavioral Medicine</td>
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<td>MED_ID 5355</td>
<td>Pathophysiology III</td>
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<td>MED_ID 5356</td>
<td>Pathophysiology IV</td>
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<td>MED_ID 5357</td>
<td>Pathophysiology I - Remediation</td>
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<td>MED_ID 5358</td>
<td>Diagnosis Test/Med Decision - Remediation</td>
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<td>MED_ID 5359</td>
<td>Pathophysiology II - Remediation</td>
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</tr>
<tr>
<td>MED_ID 5360</td>
<td>Pathophysiology III - Remediation</td>
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Students will work under the supervision of an MU faculty member at MU’s Springfield Clinical Campus in a pre-approved learning experience. Activities that fulfill this requirement may include, but are not limited to: Anatomy dissection at Missouri State University (MSU), research project at a Springfield based clinical location or lab (Cox, Mercy, MSU), PBL case writing, and cross cultural medicine (global health study abroad). ABS elective content and requirements will be similar to those offered at MU’s Columbia Clinical Campus.

Credit Hours: 5

MED_ID 6390: ABS Individualized Study in Medicine-M1
Goals/Objectives: Participate in PBL as a tutor under the guidance of an experienced faculty tutor. Review the literature appropriate to each case. Update one PBL case that is used in the course of the block OR update a problem solving exam OR write a new problem solving exam. Students must submit the case or exam electronically to the course coordinator. Evaluation: Student’s performance as tutor will be evaluated by the supervising faculty member and the tutor group members. Notes: During a four-week block, the fourth year student will tutor an M-1 PBL group (Monday, Wednesday, & Friday mornings) under the supervision of a senior faculty member. Contact course coordinator for case update details. Submission date for case update is set two weeks after the tutoring session ends. The student will attend all tutor preparation meetings and prepare for PBL through reading, self-directed study and discussions with faculty. Complete student mid-block and end-of-block evaluation as directed.

Credit Hours: 5

Prerequisites: M4s registering for PBL tutoring must be in good standing and not on probation. M4s must not have come before the CSP for an automatic vote for dismissal

MED_ID 6391: ABS Individualized Study in Medicine-M2
ABS Individualized Study in Medicine-M2

Credit Hours: 5

MED_ID 6393: ABS Interdisciplinary Research
ABS Interdisciplinary Research

Credit Hour: 5-10
MED_ID 6394: ABS Cross-Cultural Medicine
Credit Hours: 5

MED_ID 6396: ABS Medical Practice Organization
Credit Hour: 5-10

MED_ID 6397: ABS Academic Tutoring for M1/M2 Students
Credit Hours: 5

MED_ID 6398: ABS County Public Health
Credit Hours: 5

MED_ID 6399: ABS Case Writing
Credit Hours: 5

MED_ID 6690: Elective Individual Study in Medicine - M1
Credit Hours: 5

MED_ID 6691: Elective Individual Study in Medicine - M2
Prerequisites: Successful completion of the first two years of medical school

MED_ID 6692: Case/Exam Writing Elective
Credit Hours: 5
Prerequisites: fourth year medical student in good standing

MED_ID 6693: Simulation Preparation for Internship
Credit Hours: 5
Prerequisites: successful completion of the first two years of medical school

MED_ID 6694: Nutrition Elective
Credit Hours: 5
Prerequisites: Successful completion of the first two years of medical school

MED_ID 6925: Springfield Clinical Campus Elective
Credit Hours: 2
Prerequisites: successful completion of the first two years of medical school

Goals/Objectives: Participate in PBL as a tutor under the guidance of an experienced faculty tutor. Evaluations: the student's performance as tutor will be evaluated by the supervising faculty member and the tutor group members. Notes: During the four-week block, the fourth year student will tutor a M-2 PBL group (Tuesday and Thursday afternoons) under the supervision of a senior faculty member.

Prerequisites: M4s registering for PBL tutoring must be in good standing and not on probation. M4s must not have come before the CSP for an automatic vote for dismissal.

MED_ID 6925: Springfield Clinical Campus Elective
Credit Hours: 2
Prerequisites: successful completion of the first two years of medical school

The course is meant to increase the medical students' knowledge and skillbase in preparation for the first year of internship. In order to accomplish this, the students will be exposed to a variety situations common to first year residents through activities created with simulation. Throughout the course, students will demonstrate how to provide effective and efficient patient-centered care, while improving their communication skills and professionalism with patients and other healthcare providers. Students will understand the role of simulation in medical education and develop skills in debriefing of scenarios throughout the course. At the end of the course, students will be expected to complete a simulation capstone project. Prerequisites: Class level: 4th year medical student. Approval by Simulation Director and Completion of all Core Clerkship Requirements.