

## **Component I – The First Year**

The goal of the first year is to provide a strong foundation in basic biomedical science in order to prepare the students for the detailed basic science content that occurs within the clinically oriented system courses in the second year. Students also will be introduced to ethical and behavioral science principles and will learn the fundamentals of physical assessment and interviewing techniques.

## **Component II – The Second Year**

The goal of the second year is to provide the opportunity to learn basic science in depth and to learn introductory aspects of clinical medicine. The second year is organized around a series of organ system-based courses, each presented by a multidisciplinary team of faculty members. Within each course, normal physiology and histology of the system are presented in conjunction with the pathology of common diseases and medical and pharmacologic approaches to diagnosis and treatment. Each course uses a variety of formats, including case presentations, lectures, small group discussions, laboratory sessions, computer-aided instruction, and independent study. In addition, other courses develop clinical skills and address the psychosocial aspects of medicine. In the Behavioral Medicine courses, students are exposed to psychiatry, health policy, public health, cultural competency, and behavioral science issues.

### **Component III – The Third Year**

Component III is comprised of the core clinical clerkships, all of which set a solid foundation for electives, residency, and the future practice of medicine. These consists of:

- Ambulatory Primary Care clerkship (8 weeks), an integrated approach to ambulatory primary care drawn from the departments of Family Medicine and Internal Medicine.
- Inpatient Medicine (8 weeks)
- Psychiatry (8 weeks)
- Surgery (8 weeks)
- Pediatrics (8 weeks)
- Obstetrics and Gynecology (8 Weeks)
- An inter-clerkship experience (IDC 302, Dimensions of Clinical Medicine) covering various clinically important topics (i.e., evidence-based medicine, sexuality, cultural competence, professionalism, alternative medicine, bioterrorism, and medical ethics) follows each clerkship. This course covers six sessions at 8 hours each.
- During Component III, students will become certified in Advanced Cardiac Life Support.
- Comprehensive clinical competency examination given in the spring of Component III.

### **Component IV – The Fourth Year**

Having been exposed to the breadth of medicine in the third year, the fourth year prepares students for the residency experience and provides a chance for exploring their own interests in various areas through elective courses. The guidelines for the fourth year are:

- One (1) 4-week critical care medicine clerkship (with in-house call).
- One (1) 4-week required surgery.
- One (1) 4-week Primary Care Sub-internship rotation in Family Medicine, Obstetrics and Gynecology, Internal Medicine, or Pediatrics (may substitute a second critical care medicine rotation for this requirement).

Students may pursue other areas of interest during the remaining four-week electives of Component IV. Three of these may be in extramural programs (i.e., electives taken at other LCME-accredited medical schools, ACGME-accredited residency programs, and/or approved military hospitals) One four-week block is available for residency interviews.

Each student will be assigned a clinical faculty member who will aid the student in designing his or her coursework. Student schedules must be approved by his or her advisor and the Associate Dean for Student Affairs.

## *SYNOPSIS OF COURSES AND UNITS OF INSTRUCTION*

<b>Course</b>	<b>Sem. Hrs.</b>
IDC 101	Molecular and Cell Biology.....9
IDC 103	Anatomy .....6
IDC 105	Principles of Pharmacology ..... 1
IDC 107	Principles of Microbiology ..... 1
IDC 109	Host Defense.....3
IDC 111	Neuroscience.....7
IDC 135	Ethical and Legal Topics in Clinical Medicine.....3
IDC 136	Interviewing and Physical Exam .....4
IDC 138	Evidence Based Medicine.....1
IDC 140	Behavioral Medicine I .....3
	38
IDC 201	Cardiovascular System .....4
IDC 203	Respiratory System .....3
IDC 205	Renal/Urinary System.....3
IDC 207	Hematology/Oncology.....3
IDC 209	Gastrointestinal System .....3
IDC 211	Muscular/Skeletal/Integument.....2
IDC 216	Endocrine/ Reproductive System .....4
IDC 221	Multisystem Processes.....3
IDC 233	Infectious Disease .....4
IDC 243	Behavioral Medicine II.....3
IDC 244	Behavioral Medicine III.....3
IDC 279	Case Studies in Medicine.....2
IDC 290	Applied Clinical Skills.....3
	40
IDC 301	Ambulatory Primary Care Clerkship.....8
MED 301	Inpatient Medicine Clerkship .....8
SUR 301	Surgery Clerkship .....8
PED 301	Pediatrics Clerkship .....8
OBG 301	Ob/Gyn Clerkship .....8
PBS 301	Psychiatry Clerkship .....8
IDC 302	Dimensions of Clinical Medicine .....1
	49
	Critical Care Selectives/Sub-internship.....8
	Surgery Selective .....4
	Electives.....24
	36

**Total: 163**