This plan is to be used only as a guideline. There are many factors that may affect the sequence and timing of courses. Course selections are best made in consultation with an MCB Advisor. For an appointment call (217) 333-6774, or use our online scheduling system at [http:/ /go.illinois.edu/mcbappt](http:/ /go.illinois.edu/mcbappt).

### FRESHMAN YEAR

#### SEMESTER 1
- **Intro Biology:** MCB 150 or IB 150 (4 hrs)
- **Chemistry:** Begin general CHEM sequence per placement (3-5 hrs)
- **Math/Stat:** Begin MATH sequence per placement* (3-5 hrs) or Composition I: RHET, CMN, ESL or equiv. (3-4 hrs)
- **First Year Enrichment Course:** LAS 101 or 122 (1 hr)
- **Options:** Language, Gen Ed.**, or Elective (0-5 hrs)

**TOTAL CREDIT HOURS: 14-16**

#### SEMESTER 2
- **Intro Biology:** MCB 150 or IB 150 (4 hrs)
- **Chemistry:** Continue general CHEM sequence (4 hrs)
- **Math/Stat:** Begin MATH sequence per placement* (3-5 hrs) or Composition I: RHET, CMN, ESL or equiv. (3-4 hrs)
- **Options:** Language, Gen Ed.**, or Elective (0-5 hrs)

**TOTAL CREDIT HOURS: 14-16**

### SOPHOMORE YEAR

#### SEMESTER 3
- **Molecular Genetics & Lab:** MCB 250 & MCB 251 (5 hrs)**
- **Chemistry:** Finish general CHEM or begin organic CHEM (4-6 hrs)
- **Choose 1-2 of the following:** (1-6 hrs)
  - Math/Stat: Begin or continue if necessary*
  - Language: Begin or continue, if necessary
  - Research: MCB 290
  - General Education Course**
  - Elective

**TOTAL CREDIT HOURS: 14-16**

#### SEMESTER 4
- **Cells, Tissues & Develop. & Lab:** MCB 252 & MCB 253 (5 hrs)
- **Chemistry:** Finish organic CHEM, if necessary (2-6 hrs) or **Physics:** PHYS 101 or 211, if CHEM complete (4-5 hrs) or **Advanced MCB course:** See approved list**** (1-4 hrs)
- **Choose 1-2 of the following:** (1-6 hrs)
  - Language: Begin or continue, if necessary
  - Research: MCB 290
  - General Education Course**
  - Elective

**TOTAL CREDIT HOURS: 14-16**

### JUNIOR YEAR

#### SEMESTER 5
- **Biochemistry:** MCB 354 (3 hrs)
- **Physics:** Begin or continue PHYS sequence (4-5 hrs)
- **Choose 2-3 of the following:** (5-9 hrs)
  - General Education Course**
  - Anatomy & Physiology: MCB 244 and/or MCB 245
  - Research: MCB 290
  - Elective course

**TOTAL CREDIT HOURS: 14-18**

#### SEMESTER 6
- **Advanced MCB course or lab:** See approved list**** (1-4 hrs)
- **Physics:** Continue PHYS sequence, if necessary (4-5 hrs)
- **Choose 2-3 of the following:** (5-9 hrs)
  - General Education Course**
  - Anatomy & Physiology: MCB 246 and/or MCB 247
  - Research: MCB 290
  - Elective course

**TOTAL CREDIT HOURS: 14-18**

### SENIOR YEAR

#### SEMESTER 7
- **2 Advanced MCB courses or lab:** See approved list**** (5-8 hrs)
- **Choose 2-3 of the following:** (6-9 hrs)
  - General Education Course**
  - Anatomy & Physiology: MCB 244 and/or MCB 245
  - Research: MCB 290
  - Elective course

**TOTAL CREDIT HOURS: 14-16**

#### SEMESTER 8
- **2 Advanced MCB courses or lab:** See approved list**** (5-8 hrs)
- **Choose 2-3 of the following:** (6-9 hrs)
  - General Education Course**
  - Anatomy & Physiology: MCB 246 and/or MCB 247
  - Research or Senior Thesis: MCB 290 or 492
  - Elective course

**TOTAL CREDIT HOURS: 14-16**

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* Statistics is highly recommended to prepare for the MCAT and medical school.
** At least one course in psychology and sociology should be taken. Three social/behavioral science courses are recommended.
*** General Chemistry 1 and 2 lectures (CHEM 102 and CHEM 104) must be completed before beginning MCB 250.
**** Approved advanced courses can be found at [http://mcb.illinois.edu/undergrad/courses/advanced/](http://mcb.illinois.edu/undergrad/courses/advanced/). Courses that may be of particular interest to pre-med students include, but are not limited to, cell biology, immunology, microbiology, neurobiology, pathology and physiology.