**B.S. Biology - Organismal Biology**

If needed, you can complete MATH 101 or 104 the summer before starting this schedule or complete CHEM 135 the summer after (see footnote #1).

### First Year Fall
- **CHEM 130** Chemistry I  
  General Science & KU Core 5
- **BIOL 150/151** Molecular & Cell. Biol.  
  Core Major Req & KU Core 4
- **BIOL Core (ENGL 101)**  
  KU Core 3
- **BIOL Core**  
  KU Core 3

**Hours this semester** 17  
**Major Requirement** 3-4  
**17-18**

**Elective**  
Total Hours 3

**Apply for admission to the biology major**  
Water for an Academic Notice in your myKU Advising Portal.

**Hours this semester** 15  
**JR/SR hours this sem.** 0

**To be eligible to declare the Biology Major, you need to complete BIOL 150, 152, 350, and CHEM 135 with a GPA of at least 2.20.**

### First Year Spring
- **CHEM 135** Chemistry II  
  General Science 5
- **BIOL 152/153 Organismal Biology**  
  Major Requirement 4
- **MATH 115 Calculus I**  
  General Sci & KU Core 3
- **BIOL Core (ENGL 102/105)**  
  KU Core 3

**Hours this semester** 17-18  
**Interested in Study Abroad? This would be a good time to visit the Office of Study Abroad.**  
**JR/SR hours this sem.** 0

**Third Year Fall**
- **BIOL 413** Hist. & Diversity Organisms  
  Major Requirement 3
- **BIOL 600 Intro. Biochemistry**  
  Major Requirement 4
- **PHSX 115 or 212+236 Physics II**  
  General Science 4
- **BIOL Core**  
  KU Core 3
- **Elective**  
  Total Hours 3

**Hours this semester** 17-18  
**Interested in an internship? This is an ideal time to make arrangements.**  
**JR/SR hours this sem.** 7

### Second Year Fall
- **CHEM 310 or 331** Organic I  
  General Science 3
- **CHEM 331 Organic Lab**  
  General Science 2
- **BIOL 350/360 Principles of Genetics**  
  Major Requirement 3-5
- **MATH 116 Calculus II**  
  General Science 3
- **BIOL Core**  
  KU Core 3
- **Elective**  
  Total Hours 3

**Apply for admission to the biology major**  
Water for an Academic Notice in your myKU Advising Portal.

**Hours this semester** 16-18  
**Interested in helping with research? See kuub.ku.edu/undergraduate-research.**  
**JR/SR hours this sem.** 3-4

### Second Year Spring
- **BIOL 412** Evolutionary Biology  
  Major Requirement 3-4
- **PHSX 114 or 211+216 Physics I**  
  General Science 4-5
- **BIOL Core**  
  KU Core 3
- **KU Core**  
  KU Core 3
- **Elective**  
  Total Hours 3

**Hours this semester** 14  
**Have you considered departmental honors? See kuub.ku.edu/biology-honors-program.**  
**JR/SR hours this sem.** 11

### Third Year Spring
- **BIOL 408 Phys. of Organisms**  
  Major Requirement 3
- **BIOL 409 Phys. of Organisms Lab**  
  Major Requirement 2
- **BIOL Elective 400**  
  Major Requirement 3
- **Development/Function/Diversity**  
  Major Requirement 3
- **BIOL Core**  
  KU Core 3

**Hours this semester** 14  
**Interested in academic or professional program? This would be a good time to start the application process.**  
**JR/SR hours this sem.** 11

### Fourth Year Fall
- **BIOL Elective 400**  
  Major Requirement 3
- **BIOL Elective Lab 400**  
  Major Requirement 2
- **BIOL Elective** (or take in spring)  
  Major Requirement 3
- **BIOL Selective 400+**  
  Major Requirement 3
- **BIOL Core**  
  KU Core 3

**Apply for Spring graduation this semester & meet with your Faculty Mentor.**  
**Hours this semester** 14  
**JR/SR hours this sem.** 5

### Fourth Year Spring
- **BIOL 599 Senior Seminar**  
  Major Requirement 1
- **Development/Function/Diversity**  
  Major Requirement 3
- **BIOL Elective 400**  
  Major Requirement 1
- **BIOL Elective Seminar/Topics 400+**  
  Major Requirement 1
- **BIOL Selective if not taken in fall sem.**  
  Major Requirement (3)
- **BIOL Core**  
  KU Core 3
- **Elective**  
  Total Hours 3

**Hours this semester** 12-14  
**Celebrate your accomplishment at May Graduation with your fellow Jayhawks!**  
**JR/SR hours this sem.** 2

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**Note:** Students entering KU in Fall 2013 or opting into KU Core should ask a biology advisor about BS General Education requirements.

1. Requires a Math ACT score of 26+, a comparable SAT or KU Math Placement Exam score, or credit for a MATH 101 or 104 equivalent course. MATH 121 can be taken instead of MATH 115 + 116 to fulfill the BS Biology math requirement.

2. Concurrent or prior enrollment in CHEM 130 is required.

3. BIOL 408, 409, and 412 and CHEM 135 are offered only in the spring.

4. Most medical schools require the full CHEM 330, 331, 335, and 336 sequence.

5. BIOL 414 and 600 and CHEM 310 are offered only in the fall.  

6. 10 credit hours of BIOL courses at 400+ level, including at least 2 h of lab credit and 1 h of seminar/topics course credit (BIOL 419, 420, 499, 701). No more than 3 h of BIOL 423 and/or BIOL 424 can be applied towards elective requirement, with no more than 2 h of BIOL 424 applied towards lab requirement.  

7. At least one course from each of the following 3 groups:
   - Development & Morphology Group - Choose one course from BIOL 417, 440, 510, 528/708, and 545.
   - Diversity Group - Choose one course from ANTH 440, BIOL 400/401, 494, 500, 505, 509, 512, 521/711, 529/709, 533, 540, 563/783, 592/792, 593, 603, 610, 613, 622, and 640.
   - Physiology Group - Choose one course from BIOL 435, 503, 506, 526/716, 606, 644, 646, 652, 655, 667, and 673.

8. Biology major selective: choose one course (3 h) from BIOL 414, 416/536, and 428. BIOL 414 and 416 offered only in fall; BIOL 428 only in spring.

A minimum of 120 hours is required for degree completion.  
A minimum of 45 Jr./Sr. hours (300+ level) is required for degree completion.

This sample 4-yr plan is current as of 3/2014.

Please keep in mind that this sample plan provides just one example of how courses could be taken, and it is not meant to substitute for meeting with an academic advisor. It should be used with an up-to-date Degree Progress Report (DPR) and the appropriate degree requirement checklist (kuub.ku.edu/degrees/).