# 2014-2015 Degree Map-Bachelor of Science in Biology: General Option

This is a term-by-term sample course schedule. The milestones listed to the right of each term are designed to keep you on course to graduate in four years. The Sample Schedule serves as a general guideline to help you build a full schedule each term. See course descriptions and prerequisites at [http://acts.adhe.edu/](http://acts.adhe.edu/).

## Possible careers include:
- Clinical Research Coordinator
- Water Resource Specialist
- Molecular and Cellular Biologist
- Life Scientist
- Biological Science Teacher

### Milestones/Notes
- Hrs.
- Semester 1
  - ENGL 1013: Comp I (ACTS=ENGL 1013)
  - Social Science
  - MATH 1113: College Algebra (ACTS= MATH 1103)
  - BIOL1011: Orientation to the Biological Sciences
  - BIOL1114: Principles of Biology (ACTS= BIOL 1014)
  - Total hours: 14
  - GPA:

- Semester 2
  - ENGL 1023: Comp II (ACTS= ENGL 1023)
  - Social Science
  - BIOL 2124: Zoology or BIOL 2134: Botany
  - Physical Activity
  - Any COMS
  - Total hours: 15
  - GPA:

- Semester 3
  - U.S. History & Government
  - CHEM2124/2120: Gen. Chem I (ACTS=CHEM1414) MILESTONE
  - BIOL 2124: Zoology or BIOL 2134: Botany
  - Math Elective (math higher than MATH 1113)
  - *General Elective
  - Total hours: 17
  - GPA:

- Semester 4
  - SPH 2003: Public Speaking
  - CHEM2134/2130: General Chemistry II (ACTS= CHEM 1424)
  - BIOL3034: Genetics
  - *Biological elective
  - Total hours: 15
  - GPA: BIO ADVISOR ASSIGNED

### Semester 5
- BIOL3114: Principles of Ecology
- Math Elective (math higher than MATH 1113)
- Total hours: 15
- GPA:

### Semester 6
- CHEM3264: Mechanistic Organic Chemistry
- PHYS2024/2010: Physical Principles II (ACTS=PHYS 2024)
- *General Elective
- Total hours: 15
- GPA: APPLY FOR GRADUATION

### Semester 7
- Fine Arts & Humanities
- Physiology or Cellular Elective (See Catalog)
- *Biological elective
- *General elective
- *General Elective
- Total hours: 14-16
- GPA:

### Semester 8
- Fine Arts & Humanities
- Physiology or Cellular Elective (See Catalog)
- BIOL4891: Seminar in Biology
- *Biological elective
- *General Elective
- Total hours: 13-15
- GPA:

### General Electives: 14 hours (*Must choose sufficient General and Biology Electives at 3000-4000 level to constitute a total of 40 upper level hours)

### # indicates a "C" or better is required

### Graduation Requirements:
- Min. hours 3000-4000 level courses: 40
- Min. hours required: 120
- No more than 4 PE activity hours
- Graduation advisor:

### Possible pathways:
- Social Sciences
- Fine Arts and Humanities
- U.S. History & Government
- Physical Education
- Science
- Mathematics
- Speech Courses

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students. This system contains information about the transferability of courses within Arkansas public colleges and universities. The Arkansas Course Transfer System can be accessed at [http://acts.adhe.edu/](http://acts.adhe.edu/).