

Program Completion Plan (Eight Semester Plan)

Department: Biology Degree: BS
 Program/Major: Biology
 Track/Emphasis: _____
 Does this program require a minor? (Yes/No) No

Important program information in the online *Undergraduate Bulletin*:

UCA Core Requirements: <http://uca.edu/ubulletin2013/general-policies-information/uca-core/>
 Degree Requirements: <http://uca.edu/ubulletin2013/general-policies-information/degree-requirements/>
 Program Description: <http://uca.edu/ubulletin2013/colleges-departments-programs/college-of-natural-sciences-and-mathematics/department-of-biology/>
 Course Descriptions: <http://uca.edu/ubulletin2013/courses/>

This degree program requires a total of **120** semester credit hours, including at least **40** upper-division credit hours.

Comparable courses in the Arkansas Course Transfer System (ACTS) are cross-referenced in the ACTS column of each semester block below; a [core link](http://uca.edu/go/ubulletin-ldcore/) (<http://uca.edu/go/ubulletin-ldcore/>) takes the user to the *Undergraduate Bulletin's* UCA Core page, where UCA Core options and ACTS course numbers are listed in full; an [acts link](#) takes the user to the *Undergraduate Bulletin's* ACTS page (<http://uca.edu/go/acts>) for additional information and a full UCA-ACTS crosswalk.

Year 1

Fall – Semester 1 (credit hours: 15)

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|----------------------------|--|-------------|--------------------------|
| BIOL | 1440 | Principles of Biology I | 4 | BIOL1014 |
| CHEM | 1450 | College Chemistry I | 4 | CHEM1414 |
| MATH | 1491 or 1496 or 2311 | Applied Calculus for Life Sciences ¹ or Calculus I ¹ or Statistical Methods I ¹ | 4 4 3 | MATH2405 |
| WRTG | 1310 | Introduction to College Writing | 3 | ENGL1013 |
| | | General Elective | 0 - 1 | |

Spring – Semester 2 (credit hours: 17)

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|------|--|-----|---------------------------|
| BIOL | 1441 | Principles of Biology II | 4 | |
| CHEM | 1451 | College Chemistry II | 4 | CHEM1424 |
| WRTG | 1320 | Academic Writing and Research | 3 | ENGL1023 |
| | | Lower Division UCA Core Requirement ² | 3 | core link |
| | | Lower Division UCA Core Requirement | 3 | core link |

Year 2**Fall – Semester 3 (credit hours: 15)**

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|----------------------------|---|-------------|---------------------------|
| BIOL | 2490 | Genetics | 4 | |
| CHEM | 2401 | Organic Chemistry I | 4 | |
| MATH | 1491 or 1496 or 2311 | Applied Calculus for Life Sciences or Calculus I or Statistical Methods I | 4 4 3 | MATH2405 |
| | | Lower Division UCA Core Requirement | 3 | core link |
| | | General Elective | 0 - 1 | |

Spring – Semester 4 (credit hours: 15)

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|-----------------|---|-------|---------------------------|
| BIOL | 3402 or 3403 | Cell Biology or General Ecology ³ | 4 | |
| CHEM | 3411 | Organic Chemistry II | 4 | |
| | | Lower Division UCA Core Requirement | 3 | core link |
| | | Lower Division UCA Core Requirement | 3 | core link |
| | | General Elective | 0 - 1 | |

Year 3**Fall – Semester 5 (credit hours: 15)**

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|-----------------|-------------------------------------|-----|---------------------------|
| BIOL | 3402 or 3403 | Cell Biology or General Ecology | 4 | |
| PHYS | 1410 | College Physics I | 4 | PHYS2014 |
| BIOL | | Biology Lab Elective ⁴ | 4 | |
| | | Lower Division UCA Core Requirement | 3 | core link |

Spring – Semester 6 (credit hours: 15)

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|------|-------------------------------------|-----|---------------------------|
| BIOL | | Biology Lab Elective | 4 | |
| BIOL | | Biology Lab Elective | 4 | |
| PHYS | 1420 | College Physics II | 4 | PHYS2024 |
| | | Lower Division UCA Core Requirement | 3 | core link |

Year 4**Fall – Semester 7 (Credit hours: 14)**

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|-----|--|-----|------|
| BIOL | | Biology Lab Elective | 4 | |
| BIOL | | Biology Lab Elective | 4 | |
| | | Upper Division UCA Core Requirement ⁵ | 3 | |
| | | Upper Division UCA Core or Capstone | 3 | |

Spring – Semester 8 (Credit hours: 14)

| SUBJ | NUM | TITLE | SCH | ACTS |
|------|-----|-------------------------------------|-----|------|
| BIOL | | Biology Lab Elective | 4 | |
| BIOL | | Biology Lab Elective | 4 | |
| | | Upper Division UCA Core or Capstone | 3 | |
| | | Upper Division UCA Core Requirement | 3 | |

 SIGNED – DEPARTMENT CHAIR

 DATE

 SIGNED – COLLEGE DEAN

 DATE

To be completed by the advisor when an Eight-Semester Plan is accepted by the student:

If applicable, has student selected a minor? Type “x” as appropriate. _____ No _____ Yes

If “yes,” specify: _____

Notes

¹ MATH 1390 or equivalent is required to enroll in MATH 1491 or MATH 2311. A “C” or better in MATH 1390 and a “C” or better in MATH 1392, or a “C” or better in MATH 1580, or equivalent is required to enroll in MATH 1496.

² See appropriate choices, alternatives, or substitutions under “UCA Core” in the *Undergraduate Bulletin*. During the first year, a student must complete a UCA Core course designated as a First-Year Seminar (FYS) in Critical Inquiry, Diversity, or Responsible Living. The student will also need to complete major, minor, or general elective courses designated as fulfilling the upper-division and capstone requirements of the UCA Core.

³ BIOL 3403, General Ecology, is pending approval to satisfy the Upper Division Critical Inquiry (I) and Communication (C) requirements of the UCA Core. If BIOL 3403 is not approved, the student must use general elective credit hours to meet these requirements.

⁴ This degree requires 28 hours of Biology Elective courses. The PCP is designed with the minimum number of courses required to meet degree requirements. However, students may elect to take Biology elective courses that are not lab classes. The student must take a **minimum** of 4 Biology elective lab courses (16 credit hours). The remaining 12 hours of Biology elective courses may be any approved Biology elective course. See appropriate choices under the Department of Biology in the *Undergraduate Bulletin*.

⁵ If students combine the Upper Division Core Diversity (D) and Responsible Living (R) requirement into one course or if Biology elective courses are used in place of the Upper Division Core or Capstone requirements, these courses must be replaced with general electives in order to meet the minimum 120-credit hours required for graduation.