

ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

SECTION I: Approvals

Department / Program Chair	Date Submitted	Graduate Council Chair	Date
College Dean	Date	Faculty Senate Chair	Date
Honors College Dean	Date	Provost	Date
Core Curriculum Committee	Date	Board of Trustees Approval/Notification Date	
University Course and Programs Committee	Date	Arkansas Higher Education Coordinating Board Approval/Notification Date	

SECTION II: Profile Data - Required Information and Name Change Information

Academic Unit: Major/Field of Study Minor Other Unit ARSC Policy
 Level: Undergraduate Graduate Law Effective Catalog Year 2013-2014

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name Biological Sciences, Bachelor of Science

College, School, Division ARSC Department Code BIOL

Current Code (6 digit Alpha) BIOLBS Proposed Code (6 digit Alpha) _____
 Prior approval from the Office of the Registrar is required.

Interdisciplinary Program CIP Code 26.0101
 Prior assignment from Office of Institutional Research is required.

Proposed Name _____
 When a program name is changed, enrollment of current students reflects the new name.

SECTION III: Add a New Program/Unit

For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE
http://www.adhe.edu/divisions/academicaffairs/Pages/aa_academicproposals.aspx

Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: _____

SECTION IV: Eliminate an Existing Program/Unit

Code/Name _____ Effective Catalog Year _____

No new students admitted to program after Term: ____ Year: _____

Allow students in program to complete under this program until Term: ____ Year: _____

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made: The total number of degree credit hours is being reduced from 124 to 120. Any references to "124" within the Biology major's catalog text are being changed to 120.

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: _____
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: _____

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

SECTION VI: Justification

Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)

The overall reduction in hours from 124 to 120 is needed to comply with state-wide mandate, Act 747.

SECTION VII: Catalog Text and Format

In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.

Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

For minors, state requirements in terms of hours, required courses, electives, etc.

For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.

For Law School program/units, prepare text consistent with current catalog style.

For centers, prepare text consistent with current catalog style.

Requirements for a B.S. Degree with a Major in Biology: A minimum of [124-120](#) hours is required, including 40 hours in the major as specified below.

1. Biology Core (13 hours): Cell Biology (BIOL 2533), General Genetics (BIOL 2323), Evolutionary Biology (BIOL 3023), General Ecology (BIOL 3863) and a minimum of one hour of Core Laboratory selected from Cell Biology Laboratory (BIOL 2531L), General Genetics Laboratory (BIOL 2321L), and General Ecology Laboratory (BIOL 3861L)

2. An additional 27 hours of electives in biology and/or biology related electives including:

a. No more than 8 hours of elective courses at the 1000 level. This includes Principles of Biology. Principles of Biology (BIOL 1543/1541L) is not required for the B.S. major. Well-prepared students, in consultation with

their adviser, may opt to begin their coursework with the Core.

b. At least 2 elective courses numbered 2000 or higher which are lab courses.

This includes Core Labs taken in addition to the basic Core requirement.

Courses whose catalog description explicitly excludes them from counting toward the major may not be used to meet this requirement. (Laboratory courses also include BIOL 480V, BIOL 480VH, BIOL 499V, and BIOL 499VH.)

c. At least 18 hours in BIOL courses numbered 3000 or higher, of which at least 12 hours must be from courses numbered 4000 or higher.

d. A course meeting the Fulbright College writing requirement. (The means of meeting the writing requirement are listed following the description of Requirements for Departmental Honors in Biology.)

NOTE: Biology related electives that are not taught by the Department of Biological Sciences must be approved using the "Exception Request for Major or Minor Requirements" form.

Requirements in cognate science and mathematics include the following:

1. CHEM 1103/1101L (may be completed by advanced placement), CHEM 1123/1121L, CHEM 3603/3601L, CHEM 3613/3611L, CHEM 3813

2. PHYS 2013/2011L, PHYS 2033/2031L or PHYS 2054, PHYS 2074

3. MATH 2554 (MATH 2564 is recommended)

4. STAT 2023 or STAT 4003/4001L or equivalent.

Requirement in Philosophy, must include one of the following: PHIL 2103 or PHIL 2203 or PHIL 3113 or PHIL 4213.

Biology B.S.

Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan should see page 41 in the Academic Regulations chapter for university requirements of the program. Core requirement hours may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute a three-hour (or more) general elective in place of a core area. Students must complete at least [124-120](#) hours and this must be considered when scheduling upper-level hours in the senior year.

Fall Semester Year 1

3 ENGL 1013 Composition I

3-4 MATH 1213 or 1284C or †MATH 2554

4 BIOL 1543/BIOL 1541L Principles of Biology and Lab

3-4 CHEM 1103/ (CHEM 1101L optional) University Chemistry I

3 US history requirement HIST 2003 or HIST 2013 or PLSC 2003, or core from Fine Arts)

16-18 Semester Hours

Spring Semester Year 1

3 ENGL 1023 Composition II

4 †MATH 2554 or †MATH 2564

4 CHEM 1123/CHEM 1121L University Chemistry II and Lab

3 Fine Arts or US history requirement HIST 2003 or HIST 2013 or PLSC 2003 (as needed)

1 General Elective

15 Semester Hours

Fall Semester Year 2

3-4 †BIOL 2533 Cell (BIOL 2531L optional)

4 †CHEM 3603/CHEM 3601L Organic Chemistry I and Lab

3 University/state core Social Science requirement or PHIL Requirement

4 BIOL lab course or approved BIOL-related elective 2000-level or above

[1 General Elective](#)

15-16/14-15 Semester Hours

Spring Semester Year 2

3-4 †BIOL 2323/BIOL 2321L Genetics (BIOL 2321L optional)

4 †CHEM 3613/ CHEM 3611L Organic Chemistry II and Lab

3 University/core from social science

3 PHIL requirement or University/state core from social science (as needed)

3 General Elective

16-17 Semester Hours

Fall Semester Year 3

3 †BIOL 3023 Evolutionary Biology

3 †CHEM 3813 Introduction to Biochemistry

4 †PHYS 2013/ PHYS 2011L College Physics I and Lab or PHYS 2054 University Physics I

3 Core from humanities (if needed) or core from social science

3 Core from social science (as needed) or General Elective

16 Semester Hours

Spring Semester Year 3

3-4 †BIOL 3023 Evolutionary Biology (if still needed) or †BIOL 3000-4000 Level Elective

3-4 †BIOL 3863/ (BIOL 3861L optional) General Ecology

4 †PHYS 2033/ PHYS 2031L College Physics II and Lab or PHYS 2074 University

Physics II

4 BIOL lab course 2000-level or above

14-16 Semester Hours

Fall Semester Year 4

3-4 †‡BIOL 3000-4000 Level Elective

3-4 †‡BIOL 4000 Level Elective

3 †STAT 2023 Biostatistics

3 General Elective

3 General Elective

15-17 Semester Hours

Spring Semester Year 4

3-4 †‡BIOL 4000 Level Elective

3-4 †‡BIOL 4000 Level Elective

3 †‡BIOL 3000-4000 Level Elective

3 General Elective

~~3 General Elective~~

15-17-12-14 Semester Hours

124-120 Total Hours

† Meets 40-hour advanced credit hour requirement. See 3 on Graduation Requirements Checklist or see the Catalog of Studies.

‡ Meets 24-hour rule (24 hours of 3000-4000 level courses in Fulbright College), in addition to meeting the 40-hour rule. See 2b on Graduation Requirements Checklist or see the Catalog of Studies.

SECTION VIII: Action Recorded by Registrar's Office

PROGRAM INVENTORY/DARS

PGRM _____

SUBJ _____

CIP _____

CRTS _____

DGRE _____

PGCT _____

OFFC&CRTY VALID _____

REPORTING CODES

PROG. DEF. _____

REQ. DEF. _____

Initials _____

Date _____

Distribution

Notification to:

(1) College

(2) Department

(3) Admissions

(4) Institutional Research

(5) Continuing Education

(6) Graduate School

(7) Treasurer

(8) Undergraduate Program Committee

5/12/08