

PROGRAM CHANGE CURRICULUM FORM UNDERGRADUATE

Department: Biological and Environmental Science	Submission Date: 1/20/2017
Major <input type="checkbox"/> Minor <input type="checkbox"/> Concentration <input checked="" type="checkbox"/>	
Catalog Year of Implementation (must be next academic year or later): 2017-18	
If retroactive, specify catalog year: Enter retroactive catalog year.	

I. SUMMARY OF PROPOSED PROGRAM CHANGE INFORMATION

	Check if no change	
CURRENT (required)		PROPOSED CHANGE (if applicable)
Program Name: <u>Integrated Environmental Sciences Major, Life Sciences Concentration</u>	<input checked="" type="checkbox"/>	_____
Credit Hours: <u>Minimum of 15</u>	<input type="checkbox"/>	<u>Minimum of 14</u>
If yes, enter a justification for the change in credit hours. See III (rationale) below		
Course(s) to be added: _____	<input checked="" type="checkbox"/>	_____
Course(s) to be removed: _____	<input checked="" type="checkbox"/>	_____
Indicate courses to be substituted for removed courses		
Course(s) to be changed: _____	<input checked="" type="checkbox"/>	_____
Other Changes: _____	<input checked="" type="checkbox"/>	_____

II. PROPOSED REVISION IN CATALOG DESCRIPTION OF PROGRAM

Life Sciences Concentration (A minimum of ~~15~~ 14 credits)
 Students selecting the Life Sciences concentration will learn about key ecosystems and gain specialized knowledge and skills pertaining to biology. They will be employable as environmental scientists and technicians, conservation biologists, environmental microbiology analysts, wildlife biologists, foresters, park naturalists and managers, and natural resources managers. Students also will be prepared to continue their education in graduate school.

III. RATIONALE FOR PROPOSED CHANGES

There is a possibility that some students will take 3-credit BIOL courses that could be used as a substitute for one of the BIOL courses listed for the Life Sciences Concentration. Doing so would leave them one credit short of the 15 credits that is currently listed as the minimum credits for the concentration. Changing the minimum number of credits to 14 would solve this problem. All other concentrations in the major also only have minimum credit hours of 14 credits or less. This change would allow for greater equitability among the concentration requirements for the major.

IV. RESOURCE ASSESSMENT, IF CHANGE WARRANTS IT

A. Estimate any change in staff requirements that would result from the program change.
 None

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UNDERGRADUATE**

B. Estimate the amount and cost of any extra equipment, library resources, computer hardware or software, or other resources that would be required to carry out the program change.

None

V. AFFECTED DEPARTMENTS OR PROGRAMS

If the proposed program changes could have an impact on other departments or programs, the appropriate affected chairs or program directors should be notified of the proposed changes.

A. List other departments/programs that might be affected.

None

B. List individuals contacted and date contacted.

Not applicable

All curriculum proposals/changes are processed in the date order received.
Submission within the deadlines does not guarantee processing in time for the next academic year's catalog.

For the Curriculum Development Handbook and all forms, see <http://blogs.longwood.edu/curriculum/>.

The signature page follows as a separate sheet.

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V. APPROVALS

Department: Biological and Environmental Science

Program Name: Integrated Environmental Sciences Major, Life Sciences Concentration

SIGNATURE PAGE

	Date Received	Date Approved	Signature
1. Department Curriculum Committee Chair	_____	_____	_____
2. Department Chair	_____	_____	_____

The Department Chairs, whose programs may be affected, have been notified:

Department	_____	Date Notified	_____
Department	_____	Date Notified	_____
Department	_____	Date Notified	_____
Department	_____	Date Notified	_____

3. College Dean	_____	_____	_____
4. College Curriculum Committee	_____	_____	_____
5. EPC	_____	_____	_____
6. Faculty Senate *	_____	_____	_____
7. Provost/VPAA *	_____	_____	_____
8. OAIR * (notification)	_____	_____	_____
9. BOV/SCHEV *	Provost/VPAA will submit materials for approval		

10. Received by Registrar _____

*** Substantive changes, including changes in degree program title, require additional approvals. See the approval process matrices on the Academic Initiatives and Curriculum Development blog and consult the EPC chair prior to submitting materials.**

All curriculum proposals/changes are processed in the date order received. In order to be included in the next academic year's catalog, all paperwork must be submitted no later than:

- February 1 to the College Curriculum Committee
- March 1 to the Educational Policy Committee (EPC)

Changes that affect spring advising for fall classes must have received approval from EPC and Senate before the registrar opens up the fall schedule for registration in March. Such proposals should reach the chair of EPC by the end of the fall semester. Submission within the deadlines does not guarantee processing in time for the next academic year's catalog.