

**UNDERGRADUATE NEW PROGRAM
MAJOR OR MINOR OR CONCENTRATION
*Within an Existing Degree Program****

**For a new degree program or new CIP code designation, in addition to EPC program and course forms you must complete all procedures and forms found in the "SCHEV Guidelines."*

Proposal for a New Program

Department	Biological and Environmental Sciences	Submission Date	10/1/2013
Degree	BS	Program Name	TEACHER PREPARATION IN BIOLOGY
Major <input type="checkbox"/>	Minor <input type="checkbox"/>	Concentration <input checked="" type="checkbox"/>	
Semester of Implementation	Fall 2014		

- I. Outline of the proposed major, minor or concentration including catalog copy. *Attach extra sheets. **See attached***

- II. New courses which will be proposed as part of this program. Be sure to submit a separate proposal for each course using the appropriate forms. *Attach extra sheets. **See proposals from the Chemistry/Physics Department***

- III. Rationale for the program: Currently, students seeking licensure in secondary science (with the goal of teaching middle school science or high school biology) must take consistently heavy course loads and/or stay for a 9th semester in order to complete their student teaching. We have reduced the number of BIOL credits that students in this concentration must take, which allows for additional courses in science education. Currently students seeking secondary science endorsement only take one SCED course (not including student teaching). This more adequately prepares them for the challenges of teaching secondary science and also allows them to complete the program in fewer credits (130 credits, compared to the previous 141 credits). The proposed concentration includes field experiences during each year starting in the spring semester of the freshman year. Students complete their content courses and more than the 300 field hours required by the state. Students are exposed to, learn how to design, implement, and assess inquiry-based lessons. Students also complete a senior capstone research methods course where they design and implement a research study in their student teaching classroom. At the conclusion of the student teaching experience, they are required to analyze and present their results.

- IV. Resource Assessment
 - A. Estimate additional staff requirements for this program.
An additional SCED faculty member will be required for the changes that we are proposing to the SCED licensure program.
 - B. Estimate the amount and cost of equipment, library resources, computer hardware and software, and other resources that will be required to carry out this program.

None

V. Anticipated enrollment in program after five (5) years. 15

VI. Affected Departments or Programs. If the proposed program could have an impact on other departments or programs, the appropriate affected chairs or program directors should be notified of the proposed changes. Where teaching licensure may be affected, the licensure officer should also be notified.

Licensure Officer Connie Ballard Date Notified_10/01/2013

List other departments/programs that might be affected: EDUC, MATH,

Individuals contacted and date contacted: Peggy Tarpley (10/01/2013), David Shoenthal (10/01/2013)

VII. Library notification: The library liaison for the proposing department must be notified:

Liaison Mark Lenker _____ Date notified _09/26/2013

SIGNATURE PAGE
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Department Biological and Environmental Sciences Program Name Teacher Preparation in Biology

VII. Approvals

	Date Received	Date Approved	Signature
1. Department Curriculum Committee Chair	_____	_____	_____
2. Department Chair	_____	_____	_____
3. College Dean	_____	_____	_____
4. College Curriculum Committee	_____	_____	_____
5. Educational Policy Committee	_____	_____	_____
6. Faculty Senate	_____	_____	_____
7. *VPAA	_____	_____	_____
8. OAIR notified	_____	_____	_____

9. *BOV/SCHEV - VPAA will submit materials for approval

10. Date received by _____
Registrar

*New degree programs, Spin-off or new CIP codes must be submitted to BOV & SCHEV)

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 1st to the College Curriculum Committee

March 1st to the Educational Policy Committee (EPC)

Submission within the deadlines does not guarantee processing in time for the next academic year's catalog. For new degree programs that must go to SCHEV for approval, entry into the catalog may not occur for at least another year.

Revised June 2012