Date: 2/3/21
Department: ERE
Curriculum Title: Change ERE Ecology Elective to a Biology Elective

For Minor Changes in existing curriculum (check all that apply):

- revised courses
- change in total cr. hrs.
- new course sequence
- new program objectives*
- new courses added
- new accreditation/assessment requirements

*See SUNY Guidelines

1. Rationale for Change

Please provide an explanatory narrative outlining the rationale for the change, and the impacts of this change on the learning outcomes of the curriculum:

ABET accreditation requires biological sciences content in the ERE curriculum. To date, this has been met with an introductory bio class (EFB101/102) plus an ecology elective. However, to provide students more flexibility in their course choices, we seek to generalize the ecology elective into a biology elective. A biology elective would encompass the prior ecology classes plus most biology classes offered on campus. In particular, a biology elective would offer students flexibility to take molecular biology, microbiology, and toxicology classes that can be a fundamental part of environmental engineering.

2. Institutional Impact:

Changes from existing condition:

Anticipated Enrollment or Enrollment Change: Will spread enrollment that had been concentrated in several ecology classes across a larger number of possible classes. No change in total number of credits.

Faculty or Staffing Requirements: none

Technology, Computing Resources, and Classroom Resource Demands: none

Change in Accreditation Requirements: none

Changes to Assessment Plan: none

Library Resource Requirements: none
3. **Catalog Narrative:**

Please attach to this proposal form a copy of the current catalog description in MS Word format, with revisions shown in “track changes”.

Listed Under “Lower Division Electives”

**Ecology Biology Elective:** EFB 103, EFB 303, EFB 307, EFB 320, EFB 360, EFB 400, EFB 424, EST 220, FOR 232, FOR 332, FOR 334, or FOR 442

**Bold text has been added**

For reference:
EFB 103: General Biology II: Cell Biology and Genetics
EFB 303: Introductory Microbiology
EFB 307: Principles of Genetics
EFB 360: Epidemiology
EFB 400: Toxic Health Hazards
EFB 424: Limnology
4. Curriculum Transition Plan:

Please provide a narrative description of your plan for transitioning from your existing curriculum to the proposed new curriculum. Please provide specific dates for implementing curriculum changes, overlap periods where old and new curricula may exist simultaneously, and final phase out of old curricula. Please also include impacts and mitigating considerations for transfer students and students in mid-program during implementation, impacts of changes in semester delivery of existing courses, addition of new courses within a particular semester, etc.

New requirement will go into effect in Fall of 2021. No other transition necessary. Old requirement is encompassed by new requirement.

5. Approval Signatures:

Signatures below, or attached letters, indicate that the affected departments, programs or units have been notified of this proposal and have had an opportunity to assess the impact of the proposal on their respective units. If departments did not respond to your notification, you may wish to document your effort to contact them.

Affected Academic Department(s) or Program(s):

Environ. Biology

Department/Program 1

Melissa Fierke

Name of Chair/Program Director

Chair Signature

Date

Department/Program 2

Name of Chair/Program Director

Chair Signature

Date

Department/Program 3

Name of Chair/Program Director

Chair Signature

Date

[if more/less than three Departments/Programs, please add/delete lines as appropriate.

Other Units

Library Director

Date

Or letter attached
Office of the Provost

Signature below, or attached letter, indicates that the Provost either a) agrees that there is no need for additional resources from the College; or b) indicates willingness to provide the extra support to the department.

____________________________________________________          ______________  Or letter attached □  
Provost Signature

Date
6. Proposer Information and Department Chair Affirmation:

Contact Person:

Name: Steve Shaw ___________________________ Department: ERE _______________________

Email: sbshaw@esf.edu ___________________________________________
Phone: x6939 _______________________

This proposal has been reviewed and approved by the sponsoring Department. Affected departments have been notified and given the opportunity to provide feedback. Department resources are or will be made available to support this curriculum revision, or a plan is in place to meet the resource needs as identified in the Institutional Impacts section of this proposal (see Section 2, above).

Name: Lindi Quackenbush ___________________________________________ Date: 26 Feb 2021

Department Chair (or designated curriculum representative)

Signature: Lindi Quackenbush ___________________________________________ Or letter attached □

Department Chair (or designated curriculum representative)
7. Final Approvals:

_____________________________________________________________

Curriculum Committee

Date

_____________________________________________________________

Faculty Governance

Date

_____________________________________________________________

Provost

Date