ESF Minor Curriculum Change Proposal Form

Committee on Curriculum - ESF Faculty Governance

Office of Instruction & Graduate Studies

**Date: 01/13/25**

**Department: SRM**

**Curriculum Title: Minor in Urban Forestry**

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

[ ]   revised courses

[x]  new course sequence

[x]  new courses added

[ ]  change in total cr. hrs.

[ ]  new program objectives\*

[ ]  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:

 To allow students more flexibility in completing the Urban Forestry Minor, instead of having a prescriptive list of 5 required courses (15 credits), the minor has been modified to now have 3 required course and 2 courses from a list of directed electives for a total of 15 credits for the minor. In addition, the list of ecology courses used a requirement to gain admission into the minor has been expanded, again to provide greater flexibility for students. Current catalog description with track changes of edits is enclosed below.

**2. Institutional Impact:**

 **Changes from existing condition**:

Anticipated Enrollment or Enrollment Change:  5-10

Faculty or Staffing Requirements:  0

Technology, Computing Resources, and Classroom Resource Demands:  NA

Change in Accreditation Requirements:  NA

Changes to Assessment Plan:  NA

Library Resource Requirements:  NA

**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”.

**Urban Forestry Minor**

**Coordinator: Dr. Deborah Hilbert**

The Urban Forestry minor will provide students with the opportunity to better understand complex human-dominated ecosystems where trees and people coexist in close proximity. Understanding and attempting to manage this complexity requires a basic knowledge of plant physiology, nutrition, and tending at the individual tree level (arboriculture). In addition, the urban forester also must understand the changing dynamic of groups of trees and the effects of those trees on numerous ecosystem services and human health and well-being in a city (urban forestry). Because human activity is so dominant in the urban ecosystem, it is essential that the urban forester have some understanding of ecological interactions and human motivations for sustaining and maintaining existing trees (urban ecology). The courses listed below will provide the professional knowledge required for careers in these and related fields.

 The Urban Forestry minor requires fifteen (15) credit hours, nine (9) credits from the required courses and six (6) additional credits from the directed elective courses. It is the responsibility of the student to meet any prerequisites associated with any courses in the minor.

**Required Courses**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course Number** | **Course** | **Codes \*** | **Credits** |
| ESF 300 | Intro/Geospatial Info Tech |   | 3 |
|  |  |  |  |
| FOR 480 | Urban Forestry |   | 3 |
| FOR 481 | Introduction to Arboriculture |   | 3 |
|  |  |  |  |

**Directed Elective Courses (choose at least 2)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course Number** | **Course** | **Codes \*** | **Credits** |
| EFB 336 | Dendrology |  | 3 |
| EFB 351 | Forest Entomology |  | 3 |
| EFB 502 | Ecology & Mgt of Invasive Species |  | 3 |
|  |  |  |  |
| EST 353 | Behavior Change and the Environment |  | 3 |
| EST 415 | Environmental Justice |  | 3 |
| EST 426 | Community Planning and Sustainability |  | 3 |
| FOR 313 | Tree Structure and Function |  | 3 |
|  |  |  |  |
| LSA 451  | Comprehensive Land Planning |  | 3 |
| SUS 310 | Human & Social Dimensions of Sustainability |  | 3 |
| SUS 410 | Sustainable Urbanism |  | 3 |

The interdisciplinary minor includes courses taught in the Departments of Forest and Natural Resources Management, Environmental Studies, and Landscape Architecture. Admission to this minor requires students to have (1) completed a general ecology course (e.g. EFB 320 General Ecology, FOR 232 Natural Resources Ecology, FOR 332 Forest Ecology, or EFB 445 Plant Ecology & Global Change), and (2) a cumulative grade point average of 2.70 or greater after one semester at ESF (or as a transfer student with the same GPA).

**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.

 Since the curriculum revision adds flexibility and does not remove any previous requirements, to simplify the implementation of the new curriculum, all students currently in the minor are automatically transfered into the new curriculum.

**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):**

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Department/Program 1 Name of Chair/Program Director

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Chair Signature Date

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Department/Program 2 Name of Chair/Program Director

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Chair Signature Date

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Department/Program 3 Name of Chair/Program Director

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Chair Signature Date

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

**Other Units**

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Library Director Date

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Computing and Network Services Date

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Physical Plant Date

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Forest Properties Date

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Environmental Health and Safety Date

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Admissions Date

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date

     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [ ]

Otjer\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date

**Office of the Provost**

Signature below, or attached letter, indicates that the Provost either a) agrees that 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: Eddie Bevilacqua\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Department:SRM\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email: ebevilacqua@esf.edu\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone:x6697\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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: Chris Nowak\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:     \_\_\_\_\_\_

Department Chair (or designated curriculum representative)

Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Or letter attached [x]

Department Chair (or designated curriculum representative)

**7. Final Approvals:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Curriculum Committee Date**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Faculty Governance Date**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Provost Date**