



# ESF Minor Curriculum Change Proposal Form

Committee on Curriculum - ESF Faculty Governance  
Office of Instruction & Graduate Studies

**Date:** January 13, 2022  
**Department:** Chemical Engineering  
**Curriculum Title:** BS. Renewable Materials Science  
Polymer Science Option

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

- |   |  |
|---|--|
| <input type="checkbox"/> revised courses              | <input type="checkbox"/> change in total cr. hrs.                  |
| <input type="checkbox"/> new course sequence          | <input type="checkbox"/> new program objectives*                   |
| <input checked="" type="checkbox"/> new courses added | <input type="checkbox"/> 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:

Adding the DEISJ as a required General Education component in the curriculum as mandated by SUNY.

## 2. Institutional Impact:

**Changes from existing condition:**

Anticipated Enrollment or Enrollment Change:

Faculty or Staffing Requirements:

Technology, Computing Resources, and Classroom Resource Demands:

Change in Accreditation Requirements:

Changes to Assessment Plan:

Library Resource Requirements:

## 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".

The renewable materials science program educates students in the science of materials and products made from renewable resources. The program provides an in-depth knowledge of materials such as wood, paper, modern packaging materials, natural fiber materials and advanced materials emphasizing sustainability, environmental consciousness and minimizing environmental footprint.

Students can explore a variety of careers in modern packaging, natural products and renewable materials industries, focused on technical, scientific and managerial tracks. The program will have the following options: paper, wood and polymer science. The third option is conducted with the Department of Chemistry.

## 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.

## 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

\_\_\_\_\_  
Chair Signature

\_\_\_\_\_  
Date

Or letter attached

\_\_\_\_\_  
Department/Program 2

\_\_\_\_\_  
Name of Chair/Program Director

\_\_\_\_\_  
Chair Signature

\_\_\_\_\_  
Date

Or letter attached

\_\_\_\_\_  
Department/Program 3

\_\_\_\_\_  
Name of Chair/Program Director

\_\_\_\_\_  
Chair Signature

\_\_\_\_\_  
Date

Or letter attached

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

### Other Units

\_\_\_\_\_  
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 \_\_\_\_\_ Or letter attached

**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.

Provost Signature \_\_\_\_\_ Date \_\_\_\_\_ Or letter attached

## 6. Proposer Information and Department Chair Affirmation:

Contact Person:

Name: \_\_\_\_\_ Department: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

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: \_\_\_\_\_ Date: \_\_\_\_\_  
Department Chair (or designated curriculum representative)

Signature: \_\_\_\_\_ Or letter attached   
Department Chair (or designated curriculum representative)

## 7. Final Approvals:

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**Curriculum Committee**

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**Date**

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**Faculty Governance**

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**Date**

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**Provost**

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**Date**