**Cover Sheet for New Undergraduate Curriculum Proposals**

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| **Date: 2/14/2020** | **Proposal Number:** (Assigned by the Registrar)**Contact Person: Andrew Foy** |
| **Department: GEOS** |
| **Current Course or Program ID:**  |

**Proposal Category:** (🗸 all that apply). A separate cover sheet must be submitted for each proposal.

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| \_\_\_\_ Course Prerequisite Change | \_\_\_\_ Change to Catalog Description |
| \_\_\_\_ Course Title Change  | \_\_\_\_ Minor Change to Course |
| \_\_\_\_ Course Deletion | \_\_\_\_ New Course |
| \_\_\_\_ Course Number Change | \_\_\_\_ Program Revision |
| \_\_\_\_ Course Credit Hour Change  | \_\_X\_\_ New or Discontinued Program  (Major, minor, or certificate) |
| \_\_\_\_ Course Syllabus Change |  |

**Other Proposal Requirements:** (🗸 as applies and attach form)

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| **\_\_\_\_** | For New Course Proposals, attach the New Course Proposal.  |
|  | For New or Discontinued Majors or Certificates, or significant changes in program requirements contact the SCHEV liaison, the Assistant Provost for Academic Operations, to compose and attach the proposal in SCHEV format. |

**Proposal Description with Rationale:** For changes in catalog entries or syllabi, include the current language and use track changes to indicate proposed changes. Explain why the change is desired.

The Department of Geospatial Science will create a new Environmental Studies minor at Radford University, designed to address the local to global scale environmental and sustainability issues in our world. This program shows students the interrelationships and spatial connections between scientific and quantitative reasoning and cultural and behavioral analysis with a flexible curriculum needed to train the next generation of conservationists, community leaders, politicians, and scientists

**Effective Date**: Fall 2020

Reason for requesting an alternative effective date:

# Environmental Studies Minor (16 – 18 credit hours)

**Introduction**

The Environmental Studies minor addresses the local to global scale environmental and sustainability issues in our world. This program shows students the interrelationships and spatial connections between scientific and quantitative reasoning and cultural and behavioral analysis with a flexible curriculum needed to train the next generation of conservationists, community leaders, politicians, and scientists.

**Required Courses**

* GEOG 140 – Introduction to Environmental Studies (3 cr)
* GEOS 130 – Physical Geography (4 cr)
* GEOS 335 – Biogeography (3 cr)

*Two of the following:*

* GEOS 241 – Environmental Regulation (3 cr)
* GEOS 250 – Introduction to GIS (4 cr)
* GEOS 350/GEOL 360 – Geomorphology (4 cr) (Prerequisite GEOL 105)
* GEOS 362 – Water Resources (4 cr)
* GEOS 480 – Seminar in Geospatial Science (3 cr)
* GEOS 492 – Land Use (3 cr)
* GEOS 493 – Planning Techniques (3 cr)
* ANSC 361 – Human Impacts on the Prehistoric Environment (3cr) (Prerequisite ANSC 101)
* BIOL 390 - Conservation Biology (3 cr) Prerequisite: A grade of "C" or better in either BIOL 131, BIOL 132, BIOL 231, and BIOL 232; or BIOL 105 and GEOS 241, GEOS 335, or GEOG 305 .
* BIOL 392 – Environmental Toxicology (4) (Prerequisite: A grade of "C" or better in BIOL 131, BIOL 132, BIOL 231, and BIOL 232)

**Implementation**

No new resources required.