UNIVERSITY OF MARY WASHINGTON – PROGRAM CHANGE PROPOSAL

Electronically submit this completed form with attachments <u>in one file</u> to the Chair of the College Curriculum Committee.

COLLEGE (check one):	**Arts and Sciences**	X	**Business**		**Education**	
Proposal Submitted By: Melanie Szulczewski			Date Prepared: October 24, 2017			
Department /Program:	**Earth & Environmental Sciences/ Environmental Sustainability Minor**					

Note: for any program change entailing the addition any new courses, or revisions to existing courses, separate proposal for those course actions must also be submitted.

PROPOSAL TO CHANGE EXISTING PROGRAM (check **no than one** of the following)	
Revise requirements for existing **major**	
Revise requirements for a concentration within an existing **major**	
Revise requirements for an existing **degree program**	
Revise requirements for existing **certificate** program	
Revise requirements for existing **minor**	X
Implementation Date: FALL semester, year:	FALL 2018

REQUIRED ATTACHMENTS FOR CHANGES TO EXISTING PROGRAMS:
1. **Rationale statement** (Why is this program change needed? What purposes will it serve?)
2. **Impact Statement** (Provide details about the Library, space, budget, technology, and impacts created by this program change. Supporting statements from the Library, IT Department, etc. evaluating the resource impact and feasibility of the program change are required.)
3. **Catalog Copy** (Provide the *existing* Catalog Description **and** the complete statement of the *proposed* new Catalog description that reflects the program changes)
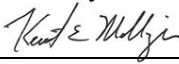
PROPOSAL TO CREATE NEW PROGRAM *NOT* REQUIRING STATE ACTION	
(check no more that **one** of the following)	
New concentration within existing major	Name:
New minor	Name:
New Major but NOT a new degree*	Name:
*Use ONLY for interdisciplinary majors that will be grouped as part of the "Special Majors/General Liberal Arts and Sciences" degree (CIP Code 24.0101) or reported as a BLS degree (CIP Code 24.0199)	
Implementation Date (semester and year):	

REQUIRED ATTACHMENTS FOR NEW PROGRAMS *NOT* REQUIRING STATE APPROVAL:
1. **Rationale statement** (Why is this additional program needed? What purposes will it serve?)
2. **Impact Statement** (Provide details about the Library, space, budget, technology, staffing and curricular impacts created by this program change. Supporting statements from the Library, IT Department, etc. evaluating the resource impact and feasibility of adding the new program are required.)
3. **Catalog Copy** (Provide the complete Catalog Description for the proposed new program)
4. **Any change that impacts another Department must have a written statement (such as a copy of an email) from the Chair(s) agreeing to the change.**

Department Chair Approval: *Jodie Hayob*   **Date:** 10/31/17

CCC Chair Approval: _____   **Date:** 11/09/2017

Dean Approval: _____   **Date:** 11/10/17

UCC Chair Approval: _____   **Date:** 11/16/17

*Provost Approval: _____   **Date:** _____

*Required only in cases of proposals for new concentrations, new minors, or new majors that do not involve a new degree

Proposal 1: To add EESC 120 as a core requirement for the Environmental Sustainability minor within the Department of Earth and Environmental Sciences.
Proposal 2: To create the position of Program Director for the minor

Rationale
Starting with the 2017-2018 academic year, the introductory foundation course sequence for environmental science, EESC 110- GEOL 112, was changed to EESC 110- EESC 120. This affected our environmental science majors and the general education sequence. EESC 120 is a new laboratory course that includes classroom and hands-on learning for essential environmental concepts such as climate change, air and water pollution, and the use of fossil fuels and alternative energy sources. Previously this content was abbreviated and presented in EESC 110 without a lab component along with the ecological and social content that remains in EESC 110. Another reason to include this course as a core requirement in the minor is that currently, because of the large number of alternative electives offered in the environmental sustainability minor, it is possible for a student to earn this minor without taking any lab-based courses since none of the three current core courses include a lab. Since this is a science minor, we feel it is important to ensure that all students gain some hands-on experience with environmental science concepts.
We would like to create the position of a Program Director for the environmental sustainability minor. Most of the other interdisciplinary minors on campus have a program director. This provides students with a specific person with extensive knowledge about the minor. This person also has experience in helping students plan their future schedules and look for course overlaps with their major(s) or other minors, which Banner does not do. Dr. Melanie Szulczewski will serve as the program director and administrative point of contact for the Environmental Sustainability Minor.

Impact
There may be both a positive and negative response to this change regarding student enrollment that should cancel each other out, resulting in no net impact to the department. Some students may not have the time or desire to take a lab course for the minor, and thus decide not to become an environmental sustainability minor. Some non-science major students will be happy that a lab course that completes a gen ed requirement will also count toward a minor they want. Other students who take the EESC 110-120 sequence for the general education requirement or another reason may become interested in sustainability and realize they can efficiently complete the minor, and declare the minor after all.
Dr. Szulczewski is already acting as the *de facto* minor director (except in the ability to be able to approve course exceptions), so her workload will not increase. The director having the ability to approve exceptions to the minor will help the Chair and Registrar by providing an efficient way to handle future cases when students request exceptions, usually as a result of studying abroad or taking a new course pending its acceptance into the minor program.

Current catalog text for the Environmental Sustainability Minor
Requirements for the Environmental Sustainability Minor
Eighteen to twenty-one (18 – 21) credits. Three required core courses: EESC 110, 230, and either 326 or 330. Three or more elective courses from the following list, totaling at least nine (9) credits: ANTH 365; EESC 210, 307, 313, 315, 323, 325, 326, 330, 355, 360, 421, 481, 499; BIOL 424, 428; COMM 354; ECON 324, 351; GEOG 245, 339, 360E; HIST 322; PHIL 330, 430; SOCG 354: SPAN 345

Catalog text with proposed change for the Environmental Sustainability Minor (changes in bold)
Requirements for the Environmental Sustainability Minor
Twenty-two to twenty-five (22-25) credits. Four required core courses: EESC 110, **120**, 230, and either 326 or 330. Three or more elective courses from the following list, totaling at least nine (9) credits: ANTH 365; EESC 210, 307, 313, 315, 323, 325, 326, 330, **340**, 355, 360, 421, 481, 499; BIOL 424, 428; COMM 354; ECON 324, 351; GEOG 245, 339, 360E; HIST 322; PHIL 330, 430; SOCG 354: SPAN 345, or exceptions as approved by the minor Program Director.
(Please note that the addition of EESC 340 as a new possible elective was just approved in a separate proposal.)