UNIVERSITY OF MARY WASHINGTON -- NEW COURSE PROPOSAL

Electronically submit this completed form with PDF attachments to the Chair of the College Curriculum Committee.

COllege (check one):  Arts and Sciences  x  Business  Education

Proposal Submitted By: Chuck Whipkey  Date Prepared: 10/8/2012
Course Title:  Summer Research

Department/discipline and course number*:  Earth and Environmental Sciences /EESC 000 and GEOL 000

*This course number must be approved by the Office of the Registrar before the proposal is submitted.

Number of credits proposed:  0  Prerequisites:  Permission of department
Will this be a new, repeatable "special topics" course? (Do you want students to be able to take this new course more than once if the topic changes?)  NO X  YES

Date of first offering of this new course: FALL SEMESTER, year  Summer 2013 if possible; otherwise Summer 2014
Proposed frequency of offering of the course:  Each summer
List the faculty who will likely teach the course:  Any member of Earth and Environmental Sciences faculty

Are ANY new resources required?  NO X  YES  Document in attached impact statement

This new course will be (check all that apply):
Required in the major
General Elective
Elective in the major  General Education**  X

**AFTER the new course is approved, a separate proposal must be sent to the General Education Committee.

Catalog Description:
Open to qualified students by permission of department. Supervised on-campus or off-campus summer research experience developed in consultation with department.

COURSE HISTORY
Was this course taught previously as a topics or experimental course?  YES  NO X

Course Number and Title of Previous Course
Semester Offered
Enrollment

CHECK HERE if the proposed course is to be equated with the earlier topics or experimental offerings. This means that students who took the earlier "topics" course will only be able to take the new course if they made a C- grade or lower in the earlier course.

NOTE: If the proposed course has not been previously offered as a topics or experimental course, explain in the attached rationale statement why the course should be adopted even though it has not been tried out.

REQUIRED ATTACHMENTS:
1. Rationale Statement (Why is this course needed? What purposes will it serve?)
2. Impact Statement (Provide details about the Library, space, budget, and technology impacts created by adding this new course. Include supporting statements from the Library, IT Department, etc. as needed.)
3. Sample Syllabus

Department Chair Approval:  
Date: 10/8/12

CCC Chair Approval:  Bradley Hansen
Date: 10/19/12

UCC Chair Approval:  
Date:  

New Course Proposal Cover Sheet (July 2012)
1. Rationale statement

Although the Earth and Environmental Sciences (ESGE) Department offers EESC 481, EESC/GEOL 491, EESC/GEOL 493, EESC/GEOL 499, and URES 197 opportunities that fulfill UMW’s experiential learning requirement, some of our majors spend summers participating in research programs, either at UMW in the Summer Science Program or at other institutions in programs such as Research Experience for Undergraduates (REU). This course would enable such students to fulfill the experiential learning requirement through participation in summer research.

2. Impact statement

These new courses would have no library, space, budget, or technology impacts. They would merely give experiential learning credit to students enrolled in the existing Summer Science program, and would not expand the program in any way.

3. Syllabus

Summer Research Experience, Summer 2013
EESC 000 and GEOL 000

Course Description

The Summer Research Experience is designed to provide students the opportunity to conduct and report on research as a part of an approved summer research program (either UMW Summer Research Program or other such programs at other colleges or universities or in industry). Upon completion and approval of the report, the student will be granted credit toward the general education experiential learning requirement.

Prerequisites

The prerequisites of the course are permission of the department and completion of research in an approved summer research program. A student cannot receive credit for EESC 000 or GEOL 000 if credit for EESC 481, EESC/GEOL 491, EESC/GEOL 493, EESC/GEOL 499, or URES 197 was received for the summer research program.

Requirements

Prior to beginning the summer research experience, the student must receive approval from the Earth and Environmental Sciences Department and agree to work within the requirements of a department-approved advisor.

The student and advisor will agree upon the nature of the report or presentation to be made at the conclusion of the research process. If a presentation is decided upon, the student will invite all available members of the ESGE department to the presentation. In either case, the presentation or report will be due by the end of the first week of the following fall semester.

The faculty member advisor will determine if the requirements of summer research/experiential learning was met in the summer research program. Once it is determined that the requirement was met, the student’s name will be sent to the registrar’s office so that it can be noted in the student’s academic record.

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