



Course Approval Form

For instructions see:
<http://registrar.gmu.edu/facultystaff/catalog-revisions/course/>

Action Requested:

Create new course
 Inactivate existing course
 Reinstate inactive course
 Undergraduate
 Modify existing course (check all that apply)

Title Credits Repeat Status Grade Type Graduate
 Prereq/coreq Schedule Type Restrictions
 Other: Description

Course Level:

College/School: **Department:**
Submitted by: **Ext:** **Email:**

Subject Code: **Number:** **Effective Term:** Fall Spring Summer **Year:**

(Do not list multiple codes or numbers. Each course proposal must have a separate form.)

Title: Current **Fulfills Mason Core Req?** (undergrad only)
 Banner (30 characters max w/ spaces) Currently fulfills requirement
 New Submission in progress

Credits: Fixed or **Repeat Status:** Not Repeatable (NR) **Maximum credits allowed:**
 Variable to Repeatable within degree (RD) Repeatable within term (RT)

Grade Mode: Regular (A, B, C, etc.) **Schedule Type:** Lecture (LEC) Independent Study (IND)
 Satisfactory/No Credit Lab (LAB) Seminar (SEM)
 Special (A, B, C, etc. +IP) Recitation (RCT) Studio (STU)
LEC can include LAB or RCT Internship (INT)

Prerequisite(s): **Corequisite(s):**
Instructional Mode: 100% face-to-face Hybrid: ≤ 50% electronically delivered 100% electronically delivered

Restrictions Enforced by System: Major, College, Degree, Program, etc. Include Code.
Are there equivalent course(s)? Yes No
 If yes, please list _____

Catalog Copy for NEW Courses Only (Consult University Catalog for models)

Description (No more than 60 words, use verb phrases and present tense)	Notes (List additional information for the course)
Laboratory study of environmental microbiology. Course provides an introduction to the microbiological techniques for students studying environmental problems and their solution. Examples include microbiology of natural ecosystems (e.g., Potomac River), bacteria in fresh and estuarine waters and sediments, indicator organisms (e.g., coliform bacteria), molecular identification of unknown bacteria from nature, and visualization of bacteria in their natural habitat.	
Indicate number of contact hours: Hours of Lecture or Seminar per week: <input type="text"/> Hours of Lab or Studio: <input type="text"/> When Offered: (check all that apply) <input type="checkbox"/> Fall <input type="checkbox"/> Summer <input type="checkbox"/> Spring	

Approval Signatures

Department Approval _____ Date _____ College/School Approval _____ Date _____
If this course includes subject matter currently dealt with by any other units, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

Unit Name	Unit Approval Name	Unit Approver's Signature	Date

For Graduate Courses Only

Graduate Council Member _____ Provost Office _____ Graduate Council Approval Date _____

Course Proposal Submitted to the College of Science Curriculum Committee (COSCC)

The form above is processed by the Office of the University Registrar. This second page is for the COSCC's reference. Please complete the applicable portions of this page to clearly communicate what the form above is requesting.

FOR ALL COURSES (required)

Course Number and Title: EVPP 306 Environmental Microbiology Essentials Laboratory

Date of Departmental Approval:

FOR INACTIVATED/REINSTATED COURSES (required if inactivating/reinstating a course)

- Reason for Inactivating/Reinstating:

FOR MODIFIED COURSES (required if modifying a course)

- Summary of the Modification: Update the prerequisite and description.
- Text before Modification (title, repeat status, catalog description, etc.):

Prerequisite: EVPP 210 or both EVPP 110 and 111; 30 credit hours, or permission of instructor.

Description: Laboratory study of environmental microbiology. Course provides an introduction to the microbiological techniques for students studying environmental problems and their solution. Examples include wastewater treatment - a microbial reactor metabolizing organic matter, drinking water quality - is based on detection and quantification of coliform bacteria, visualization of bacteria in their natural habitat.

- Text after Modification (title, repeat status, catalog description, etc.):

Prerequisite: EVPP 210 and 30 credit hours, or permission of instructor.

Description: Laboratory study of environmental microbiology. Course provides an introduction to the microbiological techniques for students studying environmental problems and their solution. Examples include microbiology of natural ecosystems (e.g., Potomac River), bacteria in fresh and estuarine waters and sediments, indicator organisms (e.g., coliform bacteria), molecular identification of unknown bacteria from nature, and visualization of bacteria in their natural habitat.

- Reason for the Modification:

Prerequisite: EVPP 210 is the introductory course for our majors; EVPP 110 and 111 are for non-majors.

Description: Different laboratory exercises have been developed.