



Course Approval Form

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

Action Requested:

Create new course Inactivate existing course

Modify existing course (check all that apply)

Title Credits Repeat Status Grade Type

Prereq/coreq Schedule Type Restrictions

Other: *Catalog description*

Course Level:

Undergraduate

Graduate

College/School: Science Department: GGS

Submitted by: Tim Leslie Ext: 3-4336 Email: tleslie@gmu.edu

Subject Code: GGS Number: 411 Effective Term: Fall Spring Summer

(Do not list multiple codes or numbers. Each course proposal must have a separate form.) Year: 2017

Title: Current Advanced Digital Cartography Fulfills Mason Core Req? (undergrad only)

Banner (30 characters max w/ spaces) _____

New _____

Currently fulfills requirement

Submission in progress

Credits: (check one) Fixed _____ or _____

Variable _____ to _____

Repeat Status: (check one) Not Repeatable (NR)

Repeatable within degree (RD) Maximum credits allowed: _____

Repeatable within term (RT)

Grade Mode: (check one) Regular (A, B, C, etc.)

Satisfactory/No Credit

Special (A, B, C, etc. +IP)

Schedule Type: (check one) Lecture (LEC)

Lab (LAB)

Recitation (RCT)

Internship (INT)

Independent Study (IND)

Seminar (SEM)

Studio (STU)

Prerequisite(s): (new) GGS 310 or permission of instructor 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)

(Pre-Req) GGS 310

Equivalencies: (check only as applicable)

YES, course is 100% equivalent to: _____

YES, course is being renumbered to/will replace the following: _____

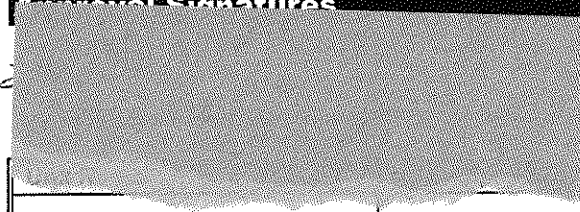
Catalog Copy for NEW Courses Only (Consult University Catalog for models)

Description (No more than 60 words, use verb phrases and present tense)	Notes (List additional information for the course)
This advanced course in cartography focuses on thematic map design. The objective is to produce a cartographic portfolio of well-designed, professional grade maps. Theoretical concepts and principles will be introduced using practical examples and written assignments.	

Indicate number of contact hours: Hours of Lecture or Seminar per week: _____ Hours of Lab or Studio: _____

When Offered: (check all that apply) Fall Summer Spring

Approval Signatures

 1/10 College/School Approval Date

with by any other units, the originating department must circulate this proposal for review by _____ mission. Failure to do so will delay action on this proposal.

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

Course Number and Title: GGS 411 - Advanced Digital Cartography

FOR MODIFIED COURSES

- Summary of the Modification: Fix a pre-req, hard-code it, and update the catalog copy.
- Text before Modification (title, repeat status, catalog description, etc.):

Pre-Req: GGS 311

Catalog text previously: Design and production of full-color digital maps and information graphics, map cognition and use, and principles of desktop mapping.

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

Proposed New Pre-Req: GGS 310 or permission of instructor

Proposed Catalog Text: This advanced course in cartography focuses on thematic map design. The objective is to produce a cartographic portfolio of well-designed, professional grade maps. Theoretical concepts and principles will be introduced using practical examples and written assignments.

- Reason for the Modification:

The pre-req listed was incorrect. We've fixed that and hard-coded it.

- Description update is just an update since we're filing paperwork.

Approvals:

- Approved by GGS Curriculum committee on 9/14/16
 - Approved by GGS Departmental vote on 9/14/16
-