



# 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: \_\_\_\_\_

### Course Level:

Undergraduate

Graduate

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  Banner (30 characters max w/ spaces)  New

Fulfills Mason Core Req? (undergrad only)

Currently fulfills requirement

Submission in progress

Credits: (check one)  Fixed   Variable \_\_\_\_\_ to \_\_\_\_\_

Repeat Status: (check one)  Not Repeatable (NR)  Repeatable within degree (RD)  Repeatable within term (RT) Maximum credits allowed:

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):

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)

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)

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

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.

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### **FOR ALL COURSES** (required)

Course Number and Title: 787 Computational Materials Science

Date of Departmental Approval: 10/21/2016

### **FOR MODIFIED COURSES**

- Summary of the Modification:  
Modification of the prerequisites
- Text before Modification (prerequisites): PHYS 512/CSI 687 and PHYS 736/CSI 783, or permission of instructor.
- Text after Modification (prerequisites):

Permission of instructor

- Reason for the Modification:

Currently, students in the CSI PhD and COMP MS have diverse academic backgrounds strong in math but have not necessarily taken CSI 687/PHYS 512 or CSI 783/PHYS 736. Therefore, knowledge equivalent to CSI 687/PHYS 512 might have been gained by students in a variety of other science and engineering courses. Additionally, the CSI 787 content is independent of concepts in CSI 783/PHYS 736 that are not required.

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