



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 Year Summer

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

Grade Mode: Regular (A, B, C, etc.) Satisfactory/No Credit Special (A, B, C, etc. +IP) Schedule Type: 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: <input type="text"/> Hours of Lab or Studio: <input type="text"/>	
When Offered: (check all that apply) <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Summer <input checked="" 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: 783 Computational Quantum Mechanics

Date of Departmental Approval: 9/8/2015

FOR MODIFIED COURSES

- Summary of the Modification:
Modification of the prerequisites
- Text before Modification (prerequisites): PHYS 502 and PHYS 613/ CSI 780, or permission of instructor.
- Text after Modification (prerequisites): Permission of instructor
- Reason for the Modification:

Currently, CSI 780 is not equivalent to PHYS 613 and neither of them covers background needed for this course. Students in the CSI PhD and COMP MS have diverse academic backgrounds ,strong in math, but not necessarily in PHYS 502. The CSI 783 course introduces all needed background for this diverse population of students.
