

# **Course Approval Form**

## For instructions:

http://registrar.gmu.edu/facultystaff/catalog-revisions/course/

Action Requested: (definitions available at website above)		Course	Course Level:	
Create NEW Inactivate		Ur	ndergraduate x Graduate	
x Modify (check all that apply below	N)			
Title (must be 75% similar to original)	Repeat Status	x Prereg/coreg Grade Mode		
Credits	Schedule Type	x Restrictions Other:		
College/School: College of Sc	ience	Department: Physics and Astronor	ny	
Submitted by: Bob Weigel		<b>Ext:</b> 3-1361 <b>Email:</b> n	weigel@gmu.edu	
Subject Code: PHYS  (Do not list multiple codes or numbers. Earlave a separate form.)		Effective Term: X Fall Spring Ye Summer	ar 2017	
Title: Current Quantum Mechanics I Fulfills Mason Core Req? (undergrad only)				
Banner (30 characters max w/ space	Banner (30 characters max w/ spaces)  Currently fulfills requirement			
New Submission in progress				
Out By Tarred N	[ <u>0</u> ]	A Not Borostokie (NB)		
Credits: x   Fixed → Variable → Lec + Lab/Rct→	to (check one)	tus: x Not Repeatable (NR) Repeatable within degree (RD) Repeatable within term (RT)		
Grade Mode: X Regular (A, B,	C, etc.) Schedule T	Type: x Lecture (LEC) In	dependent Study (IND)	
(check one) Satisfactory/No	Credit (check one)	Lab (LAB)	eminar (SEM)	
Special (A, B C	C, etc. +IP) LEC can include LAE linked sections will be	e offered Recitation (RCT)	rudio (STU)	
		Internship (INT)		
Prerequisite(s)(NOTE: hard-coding requires separate Prereq Checking form; see above website):  Corequisite(s):				
Enrollment in the Applied and Engineering Physics MS or Physics PhD degree				
program or permission of the department.				
Restrictions Enforced by Syste			lencies (check only as applicable):	
Enrollment in the Applied and Engineering Physics MS or Physics PhD degree program or YES, course is 100% equivalent to YES, course renumbered to or			·	
permission of the department.		repla		
Catalog Copy (Consult University C	Catalog for models)			
<b>Description</b> (No more than 60 words, use verb phrases and present tense)  Notes (Li		ense) Notes (List addit	ional information for the course)	
Indicate number of contact hours:			b or Studio:	
When Offered: (check all that apply)	) Fall Summer	Spring		
Name				
Approval Signatures				
Department Approval	Date	College/School Approval	Date	
If this course includes subject matte	er currently dealt with by any oth	her units, the originating department must cir	culate this proposal for review by	
those units and obtain the necessary s	ignatures prior to submission. Fail	ure to do so will delay action on this proposal		
Unit Name	Unit Approval Name	Unit Approver's Signature	Date	
Undergraduate or Gradua	te Council Approval			
	-			
UGC or GC Council Member	Provost's Office	UGC or 0	GC Approval Date Form revised 9/2/2016	

## 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: PHYS 684, Quantum Mechanics I

Date of Departmental Approval: 11/04/2016

### FOR MODIFIED COURSES (required if modifying a course)

• Summary of the Modification:

Remove pre-requisites and add restriction of "Enrollment in the Applied and Engineering Physics MS or Physics PhD degree program or permission of the department."

• Text before Modification (title, repeat status, catalog description, etc.):

Prerequisites: C or higher in PHYS 402 or 502, and C or higher in MATH 313 or 314, or equivalent. Prerequisite(s) enforced by registration system.

Restrictions: None

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

Prerequisites: Enrollment in the Applied and Engineering Physics MS or Physics PhD degree program or permission of the department.

Restrictions: Enrollment in the Applied and Engineering Physics MS or Physics PhD degree program or permission of the department.

• Reason for the Modification:

Many PhD students who take this course have a BS degree from another institution, so the prerequisites were rarely satisfied. With this modification, MS and PhD students may register and all other students must obtain permission of the department.