

Course Approval Form

For approval of new courses and deletions or modifications to an existing course.

registrar.gmu.edu/facultystaff/curriculum

llege/School: COS bmitted by: Phil Rubin		Department: Ext: 3815	SPACS	Email:	prubin@gmu.edu
bject Code: PHYS Numbers o not list multiple codes or numbers. Each course we a separate form.)	proposal must	Effective Term:	X Fall Spring		Yea 2014
e: Current Introduction to Quant Banner (30 characters max including s New		uan Mech/Atom Ph	nys	CHTA.	DERICATION ACSTRAC
Aits: x Fixed 3 or Variable to	Repeat Status: (check one)	The state of the s	ole (NR) within degre- within term (e (RD) a	Maximum credits llowed:
ade Mode: x Regular (A, B, C, etc.) Satisfactory/No Credit Special (A, B C, etc. +IP	Schedule Type Code (check all that apply)	Lab (LAB Recitation Internship	n (RCT)	Ser	ependent Study (IND) ninar (SEM) dio (STU)
erequisite(s): HYS 303, 305, and 308, or permission o	Corequisite(s):			Ins	tructional Mode:
structor.				H-	100% face-to-face Hybrid: ≤ 50% electronically delivered 100% electronically delivered
ecial Instructions: (list restrictions for ma	ajor, college, or degree	;hard-coding; etc.)		$\neg \neg \neg$	there equivalent course(s)? Yes No s, please list
italog Copy for NEW Course:	s Only (Consult Uni	versity Catalog for m	odels)		

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 C	ourses Only		

COURSE NUMBER AND TITLE: PHYS 402: Introduction to Quantum Mechanics and Atomic Physics

Course Proposal Submitted to the Curriculum Committee of the College of Science

Catalog

revised 2/2/10

OLD COURSE PREREQUISITES: PHYS 308, or permission of the instructor

For Registrar Office's Use Only: Banner

NEW COURSE PREREQUISITES: PHYS 303, 305, and 308, or permission of instructor.

MODIFICATION JUSTIFICATION: As a 400-level course, and introducing material that extends beyond the realm of classical physics, PHYS 402 can be more fruitfully taught to students with a solid background in the 300-level classical physics courses.