Program Approval Form

For approval of new programs and deletions or modifications to an existing program.

Action Requested:

- [ ] Create New (SCHEV approval required except for minors)
- [ ] Inactivate Existing
- [x] Modify Existing (check **ALL** that apply)
  - [ ] Title (SCHEV approval required except for minors)
  - [ ] **Concentration** (Choose one): [ ] *Add* [ ] *Delete* [ ] *Modify*
  - [x] Degree Requirements
  - [ ] Admission Standards/ Application Requirements
  - [ ] Other Changes: _____

Type (Check one)**:**

- [ ] B.A. [ ] B.S. [x] Minor
- [ ] Master's
- [ ] Ph.D.
- [ ] Undergraduate Certificate*
- [ ] Graduate Certificate*
- [ ] Bachelor's/Accelerated Master's [ ] Other:

College/School:	COS	**Department:**	Physics & Astronomy		
Submitted by:	Phil Rubin	**Ext:**	3815	**Email:**	prubin@gmu.edu

Effective Term: Fall 20

Please note: For students to be admitted to a new degree, minor, certificate or concentration, the program must be fully approved, entered into Banner, and published in the University Catalog.

Justification: (attach separate document if necessary)

Better parallel the modified BS degree program

	Existing	New/Modified
Program Title: (Required) Title must identify subject matter. Do not include name of college/school/dept.	Physics Minor	Physics Minor
Concentration(s):		
Admissions Standards / Application Requirements: (Required only if different from those listed in the University Catalog)		
Degree Requirements: Consult University Catalog for models, attach separate document if necessary using track changes for modifications	See Below	See Below
Courses offered via distance: (if applicable)		
TOTAL CREDITS REQUIRED:	18	17

***For Certificates Only:** Indicate whether students are able to pursue on a [ ] **Full-time basis** [ ] **Part-time basis**

Approval Signatures

Department Date | College/School Date | Provost's Office Date

Required for Minors and Interdisciplinary Programs

If this program may impact another unit or is in collaboration with another unit at Mason, 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 Undergraduate Programs only

Undergraduate Council Member | Provost Office | Undergraduate Council Approval Date

For Graduate Programs Only

Graduate Council Member | Provost Office | Graduate Council Approval Date

For Registrar Office's Use Only: Received_____ Banner_____ Catalog_____

revised 9/2/2016

Program 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 PROGRAMS (required)

Program Title: Physics Minor

Date of Departmental Approval:

FOR MODIFIED PROGRAMS (required if modifying a program)

- Summary of the Modification: Remove PHYS 262 and PHYS 263 from core; move PHYS 308 from additional course options list to core; remove PHYS 513 from additional course options list; decrease required credits from 18 to 17.

- Text before Modification (title, degree requirements, etc.):

Minor Requirements

PHYS 160 - University Physics I Credits: 3
PHYS 161 - University Physics I Laboratory Credits: 1
PHYS 260 - University Physics II Credits: 3
PHYS 261 - University Physics II Laboratory Credits: 1
PHYS 262 - University Physics III Credits: 3
PHYS 263 - University Physics III Laboratory Credits: 1

Two Additional Courses

Choose from:

PHYS 303 - Classical Mechanics Credits: 3
PHYS 305 - Electromagnetic Theory Credits: 3
PHYS 306 - Wave Motion and Electromagnetic Radiation Credits: 3
PHYS 307 - Thermal Physics Credits: 3
PHYS 308 - Modern Physics with Applications Credits: 3
PHYS 402 - Introduction to Quantum Mechanics and Atomic Physics Credits: 3
PHYS 428 - Relativity Credits: 3
PHYS 513 - Applied Electromagnetic Theory Credits: 3

Minor Total: 18 credits

- Text after Modification (title, degree requirements, etc.):

Minor Requirements

PHYS 160 - University Physics I Credits: 3
PHYS 161 - University Physics I Laboratory Credits: 1
PHYS 260 - University Physics II Credits: 3
PHYS 261 - University Physics II Laboratory Credits: 1
PHYS 308 - Modern Physics with Applications Credits: 3
~~PHYS 262 - University Physics III Credits: 3~~
~~PHYS 263 - University Physics III Laboratory Credits: 1~~

Two Additional Courses

Choose from:

PHYS 303 - Classical Mechanics Credits: 3
PHYS 305 - Electromagnetic Theory Credits: 3
PHYS 306 - Wave Motion and Electromagnetic Radiation Credits: 3
PHYS 307 - Thermal Physics Credits: 3
~~PHYS 308 - Modern Physics with Applications Credits: 3~~
PHYS 402 - Introduction to Quantum Mechanics and Atomic Physics Credits: 3
PHYS 428 - Relativity Credits: 3
~~PHYS 513 - Applied Electromagnetic Theory Credits: 3~~

Minor Total: 17 credits

- Reason for the Modification: The Physics BS was recently modified, and the proposed changes are designed to better align the minor with the BS