Program Approval Form

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

Registrar.

Delete Existing X Modify Existing (check all	ral required except for concentration, ts Admission Stan	minors, certificates)		De (Check B.A. Undergrad M.A. Ph.D. Concentra Other:	B.S. X Minor duate Certificate M.S. M.Ed. Graduate Certificate	
College/School: College o	f Science	Department:	SPACS			
Submitted by: Joe Wein	gartner	Ext : X3-459	96	Email:	jweinga1@gmu.edu	
Effective Term: Sprin g 2013 Please note: For students to start a new degree, minor, certificate or concentration, the program must be fully approved, entered into Banner, and published in the University Catalog. ustification: (attach separate document if necessary) Incorporate the new ASTR 210 course; increase program flexibility for interested students with different majors.						
	Fuinting			Name	Madified	
Program Title: (Dequired)	Astronomy Minor		Astronomy M		Modified	
Program Title: (Required) Use title to identify subject matter. Do not include name of college/school or department.			Astronomy W	IIIIOI		
Concentration Title(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 necessal using track changes for modifications	ry		See below.			
Courses offered via Distance: (if applicable)						
TOTAL CREDITS REQUIRED:	18 or 20		18 or 20			
Approval Signatu	res					
Department	Date College/School	Dat		vost's Official	ce Date lergraduate Programs Only	
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	
		_				

Graduate Council Member	Provost Office		Graduate Council Approval Date
For Reaistrar Office's Use Only: Received	Banner	Catalog	revised 2/2/10

Summary of Revisions:

- 1. ASTR 428 is replaced with PHYS 428. These courses are identical and ASTR 428 was recently deleted to eliminate redundancy.
- 2. We allow students to take both ASTR 302 and PHYS 428 for the astronomy minor, since there is very little overlap between these courses.

New catalog copy:

Banner Code: ASTR

The minor requires completion of 18 or 20 credits in physics and astronomy, with a minimum GPA of 2.00. Eight credits of course work must be unique to the minor. Physics majors can add an astronomy minor by taking three astronomy courses. Students who have taken ASTR 111, 112, 113, and 114 can add an astronomy minor by taking two physics courses (without lab requirements) and two astronomy courses. For policies governing all minors, see the Academic Policies section of this catalog.

This program of study is offered by the School of Physics, Astronomy, and Computational Sciences in the College of Science.

Course Work

(18 or 20 credits)

CORE (12 or 14 Credits)

PHYS 243, 245 or PHYS 160, 260 and ASTR 111, 112, 113, 114

OR

PHYS 160, 260, 262 and ASTR 210

ASTRONOMY Electives (6 Credits)

6 credits from ASTR 301, 302, 328, 402, 403, 404, PHYS 428

Old catalog copy:

Banner Code: ASTR

The minor requires completion of 18 or 20 credits in physics and astronomy, with a minimum GPA of 2.00. Eight credits of course work must be unique to the minor. For policies governing all minors, see the Academic Policies section of this catalog.

This program of study is offered by the School of Physics, Astronomy, and Computational Sciences in the College of Science.

Course Work

(18 or 20 credits)

CORE (12 or 14 Credits)

PHYS 243, 245 or PHYS 160, 260 and ASTR 111, 112, 113, 114

OR

PHYS 160, 260, 262 and ASTR 210

ASTRONOMY Electives (6 Credits)

6 credits from ASTR 301, 328, 402, 403, 404, and either 302 or 428