

Program Change Request

New Program Proposal

Date Submitted: 11/19/19 11:19 am

Viewing: : **Astrophysics Minor**

Last edit: 04/28/20 10:30 pm

Changes proposed by: prubin

Rationale for

Are you completing this form on someone else's behalf?

No

Effective Catalog: 2020-2021

Program Level: Undergraduate

Program Type: Minor

Title:

Astrophysics Minor

Banner Title: Astrophysics Minor

Is this a retitling of an existing program? No

Existing Program Registrar/OAPI Use

Registrar's Office Use Only – Program Start Term

Registrar/OAPI Use

Concentration(s) INTO Major(s) Registrar/IRR Use Only –

College/School: College of Science

Department / Academic Unit: Physics & Astronomy

Jointly Owned Program? No

Participating

In Workflow

1. Registrar-Programs:Workflow Review
2. PHYS UG Committee
3. PHYS Chair
4. SC Curriculum Committee
5. SC Associate Dean
6. SC CAT Editor
7. Assoc Provost-Undergraduate
8. Registrar:Create Code
9. Registrar-Programs: Duration
10. Registrar-Programs

Approval Path

1. 11/19/19 1:04 pm
Tory Sarro (vsarro): Approved for Registrar-Programs:Workflow Review
2. 04/25/20 7:50 pm
Philip Rubin (prubin): Approved for PHYS UG Committee
3. 04/25/20 7:54 pm
Paul So (paso): Approved for PHYS Chair

Academic Themes:**Justification**

Split the astronomy minor into two minors. This should decrease the confusion that sometimes arises among students considering the present minor, which has multiple sequences from which to choose..

Catalog Published Information

Total Credits Required: Total credits: 16-17

Registrar's Office Use Only - Program Code:

Registrar/IRR Use Only – Program CIP Code

Admission Requirements:

Program-Specific Policies:

Policies

Eight credits of coursework must be unique to the minor. For policies governing all minors, see [AP.5.3.4 Minors](#).

Degree Requirements:

Students should refer to the [Admissions & Policies](#) tab for specific policies related to this program.

The minor requires completion of all coursework with a minimum GPA of 2.00.

Core Courses

Course List

Code	Title	Credits
Select one introductory physics sequence:		6
Sequence One		
PHYS 160	University Physics I (Mason Core)	
PHYS 260	University Physics II (Mason Core)	
Sequence Two		
PHYS 170	Introductory and Modern Physics I	
PHYS 270	Introductory and Modern Physics II	
Complete the following courses:		4
ASTR 124	Introduction to Observational Astronomy	

Code	Title	Credits
ASTR 210	Introduction to Astrophysics	
Total Credits		10

Astronomy Electives

Course List

Code	Title	Credits
Select two courses from the following:		6-7
ASTR 301	Astrobiology	
ASTR 328	Stars	
ASTR 401	Computer Simulation in Astronomy	
ASTR 402	RS: Methods of Observational Astronomy (Mason Core)	
ASTR 403	Planetary Science	
ASTR 404	Galaxies and Cosmology	
ASTR 420	Exoplanets	
ASTR 480	The Interstellar Medium	
Total Credits		6-7

Retroactive Requirements Updates:

Plan of Study:

Honors Information:

Accelerated Description/Dual Degree Description:

**INTO-Mason
Requirements:**

**College
Requirements &
Policies:**

**Department /
Academic Unit
Requirements &
Policies:**

Additional Program Information

This information is required by the Office of Accreditation and Program Integrity.

**Courses offered via
distance /if**

**Indicate whether
students are able**

**What is the
primary delivery
format for the
program?**

Does any portion of this program occur off-campus?

Off-campus details:

Are you working with a vendor / other collaborators to offer your prog

Additional SCHEV & SACSCOC Information

Are you changing the total number of credits required for this program?

Are you changing the delivery format in any way (e.g adding an online option)?

Green Leaf Program Designation

Is this a Green Leaf program?

Green Leaf

Sustainability-focused academic programs require at least one green leaf co course is itself sustainability-focused or else the program requires a set of s

Relationship to

Relationship to

List sustainability-focused courses currently required

Sustainability-related academic programs either require at least one sustain

List sustainability

Does this program cover material which crosses into another department?

No

Impacted

Additional Attachments

SCHEV Proposal Executive Summary

**Reviewer
Comments**

**Additional
Comments**

Is this course required of all students in this degree program?

%wi_required.eshtml%

Attached

Key: 813