

Program Change Request

Date Submitted: 04/23/18 11:23 am

Viewing: **ASTR : Astronomy Minor**

Last approved: 02/13/18 8:39 am

Last edit: 04/23/18 11:23 am

Changes proposed by: prubin

Catalog Pages [Astronomy Minor](#)
Using this Program

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-Programs

Are you completing this form on someone else's behalf?
No

Effective Catalog: 2018-2019

Program Level: Undergraduate

Program Type: Minor

Title: Astronomy Minor

Registrar's Office Use Only – Program Start Term

College/School: College of Science

Department / Academic Unit: Physics & Astronomy

Jointly Owned Program? No

Justification **Updating the minor to include new courses. Removed extra "of"-"From" to "of".Corrected elective credit total to:6-7.**

Approval Path

1. 04/25/18 11:15 am
Rebekah Zacharias (rzachari): Approved for Registrar- Programs:Workflow Review
2. 05/07/18 10:19 am
Philip Rubin (prubin): Approved for PHYS UG Committee
3. 05/07/18 11:47 am
Paul So (paso): Approved for PHYS Chair

Catalog Published Information

Total Credits Required: Total credits: 18 - 21

Registrar's Office Use Only - Program Code: ASTR

Registrar/IRR Use Only – Program CIP Code

Admission Requirements:

Program-Specific Policies:

History

1. Nov 14, 2017 by clmig-jwehrheim
2. Jan 10, 2018 by Rebekah Zacharias (rzachari)
3. Feb 13, 2018 by Jennifer Bazaz (jbazaz)

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

Code	Course List	Title	Credits
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Code	Title	Credits
Select one of the following sequences:		
Sequence One:		
PHYS 243	College Physics I (Mason Core)	
& PHYS 245	and College Physics II (Mason Core)	
or PHYS 160	University Physics I (Mason Core)	
& PHYS 260	and University Physics II (Mason Core)	
ASTR 111	Introductory Astronomy: The Solar System (Mason Core)	
ASTR 112	Introductory Astronomy Lab: The Solar System (Mason Core)	
ASTR 113	Introductory Astronomy: Stars, Galaxies, and the Universe (Mason Core)	
ASTR 114	Introductory Astronomy Lab: Stars, Galaxies, and the Universe (Mason Core)	
Sequence Two:		
PHYS 160	University Physics I (Mason Core)	
PHYS 260	University Physics II (Mason Core)	
PHYS 262	University Physics III (Mason Core)	
or PHYS 308	Modern Physics with Applications	
ASTR 124	Introduction to Observational Astronomy	
ASTR 210	Introduction to Astrophysics	
Total Credits		12-14

Astronomy Electives

Code	Course List Title	Credits
Select 6-7 credits from the following:		
ASTR 115	Finding New Worlds (Mason Core)	
ASTR 301	Astrobiology	
ASTR 302	Foundations of Cosmological Thought (Mason Core)	
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	
PHYS 428	Relativity	
ASTR 480	The Interstellar Medium	
Total Credits		6-7

Green Leaf Program Designation

Is this a Green Leaf program? No

Does this program cover material which crosses into another department?

No

Additional Attachments [UGC-COS- Mod Program ASTR minor.pdf](#)

Reviewer Comments

Additional Comments ~~ASTR 402 is 4 credits while all the other courses are 3-~~