

Course Change Request

Date Submitted: 10/29/19 10:16 pm

Viewing: **ASTR 114 : ~~Introductory Astronomy~~
~~Lab~~: Stars, Galaxies, and the Universe Lab**

Last approved: 02/19/19 4:27 am

Last edit: 10/31/19 3:32 pm

Changes proposed by: prubin

Catalog Pages
referencing this
course

[Astronomy \(ASTR\)](#)

[Department of Physics and Astronomy](#)

Select modification type:

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

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

In Workflow

1. Registrar-Courses:Title Change
2. PHYS UG Committee
3. PHYS Chair
4. SC Curriculum Committee
5. SC Associate Dean
6. Assoc Provost-Undergraduate
7. Registrar-Courses
8. Banner

Approval Path

1. 10/31/19 10:02 am
Tory Sarro (vsarro):
Approved for Registrar-Courses:Title Change
2. 11/04/19 12:14 pm
Philip Rubin (prubin): Approved for PHYS UG Committee
3. 11/04/19 12:35 pm
Paul So (paso): Approved for PHYS Chair

History

1. Aug 25, 2017 by pchampan

2. Feb 19, 2019 by
Brooke Vaughn
(bvaughn4)

Simple

Substantial

No

Effective Term: Fall 2020

Subject Code: ASTR - Astronomy

Course Number:
114

Bundled Courses:

Is this course replacing another course? No

Equivalent
Courses:

Catalog Title: ~~Introductory Astronomy Lab~~: Stars, Galaxies, and the Universe **Lab**

Banner Title: **Stars, Galaxies, Universe Lab**
~~Intro Astr Lab: Star/Galax/Univ~~

Will section titles
vary by semester? No

Credits: 1

Schedule Type: Laboratory

Hours of Lab or Studio per week: 1

Repeatable: May be only taken once for credit, limited to
3 attempts (N3)

Max Allowable
Credits:
3

Default Grade
Mode: Undergraduate Regular

Recommended
Prerequisite(s):

Recommended
Corequisite(s):

Required
Prerequisite(s) /
Corequisite(s)
(Updates only):

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?

**Registration
Restrictions
(Updates only):**

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

Catalog

Description:

Laboratory course associated with ASTR 113. Notes: ASTR 113 and 114 can be used to fulfill a 4-credit lab science requirement; not for physics majors.

Justification:

"Introductory Astronomy" is both unnecessary and misleading. The 100- course number suffices to indicate the level of the material, and the phrase in front of ASTR 111 - ASTR 114 implies a sequence, which it is not.

Does this course cover material which crosses into another department? No

Learning Outcomes:

Attach Syllabus

**Additional
Attachments**

Specialized Course

Categories:

Mason Core

Select the Mason Core Requirement the course is proposing to fulfill:

Foundation

Courses:

Exploration

Courses:

Natural Sciences w/Lab

Integration

Courses:

Natural Sciences with Lab

Course must meet the following learning outcomes:

1. Understand how scientific inquiry is based on investigation of evidence from the natural world, and that scientific knowledge and understanding: a) evolves based on new evidence, and b) differs from personal and cultural beliefs
2. Recognize the scope and limits of science.
3. Recognize and articulate the relationship between the natural sciences and society and the application of science to societal challenges (e.g., health, conservation, sustainability, energy, natural disasters, etc.).
4. Evaluate scientific information (e.g., distinguish primary and secondary sources, assess credibility and validity of information).
5. Participate in scientific inquiry and communicate the elements of the process, including: a) making careful and systematic observations, b) developing and testing a hypothesis, c) analyzing evidence, and d) Interpreting results.

I affirm that I have attached the following using the syllabus and attachment buttons provided above: (see “?” for help with submission)

**Additional
Comments:**

**Reviewer
Comments**