

Course Change Request

Date Submitted: 02/21/22 4:15 pm

Viewing: **PHYS 161 : University Physics I**

Laboratory

Transfer Course(s): PHYS U161

Last approved: 05/14/20 4:42 am

Last edit: 04/01/22 9:06 am

Changes proposed by: bvaughn4

Catalog Pages referencing this course

[Biology_\(BIOL\)](#)

[Department of Atmospheric, Oceanic and Earth Sciences](#)

Select modification type:

Substantial

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

No

In Workflow

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

Approval Path

1. 02/21/22 4:34 pm
Paul So (paso):
Approved for PHYS UG Committee
2. 02/21/22 4:35 pm
Paul So (paso):
Approved for PHYS Chair

History

1. Aug 25, 2017 by pchampan
2. Oct 30, 2018 by Tory Sarro (vsarro)
3. May 14, 2020 by Tory Sarro (vsarro)

Effective Term: Fall 2022**Subject Code:** PHYS - Physics**Course Number:** 161**Bundled Courses:****Is this course replacing another course?** No**Equivalent Courses:****Catalog Title:** University Physics I Laboratory**Banner Title:** University Physics I Lab**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):

Corequisite Phys 170 as an additional option "OR"**Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):**

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?
		PHYS 160	C	UG		Yes
Or		PHYS 160	XS	UG		

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:**

Experiments in mechanics, including techniques for recording, graphically and statistically analyzing, and reporting data.

Justification:

What: Adding an "or" corequisite option.

Why: New course was added that serves as a substitute to Phys 160.

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**

Key: 12485