

Course Change Request

Date Submitted: 05/02/19 10:00 am

Viewing: **PHYS 246 : College Physics II Lab**

Last approved: 04/04/19 4:28 am

Last edit: 05/02/19 10:00 am

Changes proposed by: prubin

Catalog Pages referencing this course	Department of Physics and Astronomy Physics (PHYS)
Programs referencing this course	SC-BS-FRSC: Forensic Science, BS SC-BA-BIOL: Biology, BA

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

Select modification type:

Substantial

Approval Path

1. 05/15/19 1:02 pm
Philip Rubin
(prubin): Approved for PHYS UG Committee
2. 05/15/19 4:37 pm
Paul So (paso): Approved for PHYS Chair

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

No

Effective Term: Fall 2019

Subject Code: PHYS - Physics

Course Number: 246

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: College Physics II Lab

Banner Title: College Physics II 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): **Required prerequisite: C or higher in PHYS 244.**
Required co-requisite: C or higher in PHYS 245.

History

1. Aug 25, 2017 by pchampan
2. Oct 4, 2017 by Mary Bernier (mbernier)
3. Apr 4, 2019 by Gregory Craft (gcraft)

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

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 portion of two-semester basic physics course.

Justification: Correcting a requisite oversight: PHYS 1 lab should be completed before taking PHYS 2 lab.

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: N3 Updates

Reviewer
Comments

Key: 12502