

Course Change Request

Date Submitted: 04/18/19 11:42 am

Viewing: **PHYS 416 : ~~Special Topics in Undergraduate Physics~~**

Review

Last approved: 02/22/19 4:30 am

Last edit: 10/01/19 2:09 pm

Changes proposed by: prubin

Catalog Pages referencing this course	Department of Physics and Astronomy Physics (PHYS)
Programs referencing this	SC-BS-ASTR: Astronomy, BS SC-BS-PHYS: Physics, BS

Select modification type:

~~Simple~~
Substantial

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

No

Effective Term: Fall 2019

Subject Code: PHYS - Physics

Course Number: 416

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: ~~Special Topics in~~ Undergraduate Physics **Review**

Banner Title: ~~Special Top~~ Undergrad Physics **Review**

Will section titles vary by semester? Yes

Credits: 1

Schedule Type: Lecture

Hours of Lecture or Seminar 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):

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. 05/15/19 1:04 pm Philip Rubin (prubin): Approved for PHYS UG Committee
2. 05/15/19 4:40 pm Paul So (paso): Approved for PHYS Chair
3. 08/28/19 2:36 pm Gregory Craft (gcraft): Approved for SC Curriculum Committee
4. 08/30/19 2:14 pm Jennifer Bazaz Gettys (jbazaz): Approved for SC Associate Dean
5. 09/19/19 3:11 pm Krista Shires (kshires): Approved for Assoc Provost-Undergraduate
6. 10/01/19 2:09 pm Tory Sarro (vsarro): Rollback to SC Curriculum Committee for Registrar-Courses

History

~~A grade of C or better in all other Physics Core Courses (physics majors) or all other required Physics Courses (astronomy majors).~~

1. Feb 22, 2019 by
Gregory Craft
(gcraft)

**Recommended
Corequisite(s):**

**Required Prerequisite(s) /
Corequisite(s)
(Updates only):** **PHYS 301, PHYS 303, PHYS 305, PHYS 307, and PHYS 402**

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: Emphasizing the breadth of physical understanding needed to approach physics problems, the course reviews undergraduate physics through assigned, GRE test-like, problems.

Justification: Re: Title change- The course hasn't ever really been a "special topics" course, but is a review of undergraduate physics and preparation for the GRE (as the description entails). The name change also relieves the registrar of requesting a section title each time it's offered.
Re: Prerequisites- PHYS 416 is required for all physics and astronomy majors, but the two majors do not require the same courses. This specifies the requisite courses for each major.

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

Learning Outcomes:

Attach Syllabus

Additional Attachments

Specialized Course Categories:

Additional Comments:

Reviewer Comments **Tory Sarro (vsarro) (09/25/19 1:16 pm):** We cannot code for different sets of pre-requisites for different majors. Emailed Philip Rubin and Jennifer Bazaz Gettys on 9/25/19.
Tory Sarro (vsarro) (10/01/19 2:09 pm): I removed the major specific pre-reqs (Astronomy Majors: ASTR 210, PHYS 301, PHYS 303, and PHYS 305) after confirming with Philip Rubin. We can't code specific pre-reqs in banner for different majors. The proposal is being rolled back so that the edited prerequisites can be

approved.

Tory Sarro (vsarro) (10/01/19 2:09 pm): Rollback: I removed the major specific pre-reqs (Astronomy Majors: ASTR 210, PHYS 301, PHYS 303, and PHYS 305) after confirming with Philip Rubin. We can't code specific pre-reqs in banner for different majors. The proposal is being rolled back so that the edited prerequisites can be approved.

Key: 12558