

Course Change Request

New Course Proposal

Date Submitted: 04/25/20 11:52 pm

Viewing: **PHYS 411 : Renewable Energy Internship**

Last edit: 04/26/20 12:53 pm

Changes proposed by: prubin

Programs
referencing this
course

[RNRG: Renewable Energy Interdisciplinary Minor](#)

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

No

Effective Term: Fall 2021

Subject Code: PHYS - Physics

Course Number: 411

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Renewable Energy Internship

Banner Title: Renewable Energy Internship

Will section titles
vary by semester? 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. 05/13/20 9:34 am
Philip Rubin
(prubin): Approved
for PHYS UG
Committee
2. 05/13/20 11:04 am
Paul So (paso):
Approved for PHYS
Chair

Credits: 3

Schedule Type: Internship

Hours of Other Contact Hours per week: 3

Repeatable: May only be taken once for credit, limited to 2 attempts (N2) **Max Allowable Credits:** 6

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):
PHYS 131

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

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?
		PHYS 251	C	UG		
And		PHYS 301	C	UG		
And		PHYS 303	C	UG		
And		PHYS 305	C	UG		
And		PHYS 307	C	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:

On-the-job experience for Renewable Energy minors in industry, government, or non-profit organizations, including Summer programs.

Justification:

The Renewable Energy minor offers an internship for credit, but the requisites for this internship differ from those of PHYS 409, the physics internship course.

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

Learning Outcomes:

Attach Syllabus

[blank411syllabus.pdf](#)

Additional Attachments

Staffing:

Camelli, Cressman, Gliozzi, Weingartner

Relationship to Existing Programs:

An elective for the Renewable Energy minor

Relationship to Existing Courses:

PHYS 131 is a prerequisite.

Additional Comments:

Reviewer Comments

PHYS 411 – Renewable Energy Internship Syllabus

Instructor:
Office:
Phone:
E-mail:
Office Hours:

Please note:

- All e-mail communication from the instructor concerning this course will be to GMU accounts only.
- If you are a student with a disability and require academic accommodations, please see the instructor and contact the Office of Disability Resources at 703.993.2474. All academic accommodations must be arranged through that office.

Course Goals:

1. Undertake an internship related to the Renewable Energy minor
2. Demonstrate advanced writing and oral communication skills

Expectations

- Presentation to physics majors, other Renewable Energy minors, and faculty
- Written report detailing internship accomplishments
- Satisfactory evaluation from internship advisor

Grading:

A+=100-96.67	A=96.66-93.33	A-=93.32-90
B+=89.99-86.67	B=86.66-83.33	B-=83.32-80
C+=79.99-76.67	C=76.66-73.33	C-=73.32-70
	D=69.99-60	
	F<60	

Requirements for Commencing an Internship

1. A document defining the time interval of the internship and describing the work to be done, including presentable results that can be checked against what actually was done, signed by both student and supervisor
2. An agreement signed by the supervisor to evaluate the work upon completion of the internship
3. An agreement signed by the student to present the results of the work in both written and oral form at GMU upon completion of the internship

Honor Code Violations: Science is impossible when dishonesty, in any manifestation, exists. It's the worst possible conduct a scientist can display. Dishonesty of any sort (cheating, plagiarism, lying, stealing), will be reported to the honor council for further disciplinary action. **Don't cheat.**

The GMU Honor Code: <https://oai.gmu.edu/mason-honor-code/>