

# Physics and Physical Oceanography-BS

129 Total Credits

**Fall 2003 – Spring 2013**

This form is for reference only. Students should consult catalog to confirm degree requirements.

## Required Physics Coursework:

Course #	Semester	# Credits	Grade
PHY 203, 273		4	
PHY 204, 274		4	
PHY 205, 275		4	
PHY 306		3	
PHY 410		3	
PHY 322		3	
PHY 381		3	
PHY 331		3	
PHY 382		3	
PHY 401		1	
PHY 420		3	
PHY 451		3	
PHY 483***		3	
PHY 425		3	
PHY 484***		3	
PHY 510		3	

## Additional Major Requirements:

Course #	Semester	# Credits	Grade
CHM 101, 102		4	
MTH 141		4	
MTH 142		4	
MTH 243		3	
MTH 244		3	
MTH 215		3	
OCG 110		3	
OCG 123		4	
OCG 501		3	
OCG 510		3	
CSC 211		4	
MCE 354		3	

## General Education Requirements:

Discipline	Course #	Semester	Grade
<b>Fine Arts:</b> 3 Cr. (A)			
<b>Literature:</b> 3 Cr. (A)			
<b>Letters:</b> 6 Cr. (L)			
<b>Natural Sciences:</b> 6 Cr. (N)			
<b>Social Sciences:</b> 6 Cr. (S)			
<b>Communication:</b> 3 Cr. (EC)			
<b>Writing:</b> 3 Cr. (ECW)			
<b>Language/Culture:</b> 6 Cr. (FC)			
<b>Mathematics:</b> 3 Cr. (MQ)			

\* For a list of courses that satisfy General Education requirements consult the Arts & Sciences (pg. 49) requirements found in the catalog from the term that the student first matriculated at URI.

\*\* General Education credits cannot be satisfied by courses from major course code unless student has more than one major.

\*\*\* Senior physics research project (PHY 483&484) will be taken at the Graduate School of Oceanography under the supervision of a GSO faculty member.

**It is recommended that students planning to attend an oceanography graduate school take PHY 520 (Classical Dynamics); Students wishing to keep open the option of physics at the graduate level should take PHY 452 (Quantum Mechanics).**

\*\*\*\* Please note: Student cannot graduate unless major and cumulative GPA exceed 2.0\*\*\*\*

## ELECTIVE CREDITS

Students are encouraged to study at least one other discipline of interest. Double majors and/or minors may be constructed from these elective courses. To complement the major, you may also fulfill 6 – 15 of your 300 level elective credits by completing an internship. Contact your advisor and visit <http://www.uri.edu/internships/>

Course #	Semester	Grade	Credits

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- If you are exploring this major PHY 203/273 will provide an introduction to the major.
- **Requirements to transfer from University College to the College of Arts & Sciences:**  
A minimum of 24 earned credits and a cumulative GPA of 2.00 or higher.

### MINORS:

If you plan to complete a minor, speak to your University College advisor as soon as possible. The form may be filed when you transfer to Arts and Sciences or when you reach 60 credits—whichever comes first. Minor forms are available in 257 Chafee or online at:  
[www.uri.edu/artsci/forms/pdf/Minor\\_Form.pdf](http://www.uri.edu/artsci/forms/pdf/Minor_Form.pdf)

Minors consist of a minimum of 18 credits. Classes in your minor do not have to be complete prior to filing your minor form with the Dean's Office, but you must include all classes required for the minor on the form.

### CREDIT TOTALS:

Elective credits make up the difference between a student's major requirements, general education requirements, minor requirements, and the minimum number of credits required for graduation.

General Education Credits: \_\_\_\_\_

Major Credits (for all majors): \_\_\_\_\_

Minor Credits (for all minors): \_\_\_\_\_

Elective Credits: \_\_\_\_\_

**Total:** 129