

PHYSICS & PHYSICAL OCEANOGRAPHY

BS - This program includes a comprehensive background in physics and a solid introduction to physical oceanography. the curriculum includes a full set of physics and mathematics courses required for a B.S. in physics, with extra emphasis on classical physics, plus additional upper-division or graduate-level courses in fluid dynamics and physical oceanography.

	Course	Semester	Credits	Grade	Gen Ed Outcomes
1st yr. Fall	MTH 141*		4		A1, B3
	OCG 110		3		
	PHY 203*		3		A1
	PHY 273*		1		A1
1st yr. Spring	CHM 101*		3		A1
	CHM 102		1		
	MTH 142*		4		A1, B3
	OCG 123*/123G*		4		A1, C2/A1, C2, G
2nd yr. Fall	PHY 204*		3		A1
	PHY 274*		1		A1
	CSC 201* or 211		4		B3
	MTH 243*		3		A1, B3
2nd yr. Spring	PHY 205*		4		A1, B3
	PHY 275*		4		A1, B3
	MTH 244		3		
	PHY 306		3		
3rd yr. Fall	PHY 410		3		
	PHY 322		3		
	PHY 381		3		
	MTH 215		3		
3rd yr. Spring	MCE 354		3		
	PHY 331		3		
	PHY 382		3		
	OCG 501		3		
4th yr. Fall	PHY 401		1		
	PHY 420		3		
	PHY 451		3		
	PHY 483 (capstone)		3		
4th yr. Spring	OCG 510		3		
	PHY 452		3		
	PHY 484* (capstone)		3		B3, D1
	MTH 4		3		
			94	Total Credits	

*Courses count for General Education Credit

Free elective credits
(to meet the 120 credits required for graduation):

Course	Credits	Course	Credits
Students are encouraged to use elective credits to develop a program of study as a minor in applied or interdisciplinary fields such as acoustics, geophysics, optics, energy, astronomy/astrophysics, atmospheric science, computational physics, mathematical physics, physics education, chemical physics, ocean physics, engineering physics, business, education, medicine and molecular biology, and language.			