

Sample 4-year Guided Pathway for
Bachelor of Science in Oceanography
 Concentration in **Chemistry**
 Last revised 2018-2019

*This is **ONLY** a sample degree pathway. Please meet with an academic advisor prior to registration to formulate your own plan, and for additional information refer to the [academic catalog](#).*

Year	Fall Semester	Spring Semester
1st	BIOL 2050: General Biology 4	BIOL 2052: General Biology 4
	BIOL 2051: General Biology Lab 1	BIOL 2053: General Biology Lab 1
	CHEM 2050: Gen. Chemistry (GE NW) 3	CHEM 2052: General Chemistry 3
	CHEM 2051: General Chemistry Lab 1	CHEM 2053: General Chemistry Lab 1
	GE Course (SW, e.g. MARS 1500) 3	MARS 1020: Oc. Field Techniques 3
	GE Course (H&P) 3	GE Course (WC&IL) 3
	Total Credits 15	Total Credits 15

Year	Fall Semester	Spring Semester
2nd	MARS 3000: General Oceanography 3	MARS 3000: General Oceanography 3
	MARS 3001: Gen. Oc. Lab 1	MARS 3001: Gen. Oc. Lab 1
	CHEM 3030: Organic Chemistry 1 3	CHEM 3032: Organic Chemistry 2 3
	CHEM 3031: Organic Chemistry 1 Lab 1	CHEM 3033: Organic Chemistry 1 Lab 1
	GE Course (WC & IL) 3	MATH 1123: Statistics (GE QA&SR) 3
	GE Course 3	GE Course 3
	Total Credits 14	Total Credits 14

Year	Fall Semester	Spring Semester
3rd	PHYS 2030 College Physics 3	PHYS 2032 College Physics 3
	(or 2050: General Physics) (4)	(or 2052: General Physics) (4)
	PHYS 2031 College Physics I Lab 1	PHYS 2033: College Physics I Lab 1
	(or 2051: General Physics I Lab)	(or 2053: General Physics I Lab)
	MATH 2214: Calculus I (GE QA&SR) 3	MATH 2215: Calculus II 3
	MARS 40X0: (Bio, Phys, or Geol) 3	MARS 4070: Chem. Oceanography 3
	Unrestricted Elective 3	Unrestricted Elective 3
GE Course: 3	GE Course: 3	
Total Credits 16	Total Credits 16	
	(17)	(17)

Year	Fall Semester	Spring Semester
4th	MARS 4920: Res. Exp. in Oc. 3	MARS 40X0: (Bio, Phys, or Geol) 3
	MARS 4921: Res. Sem. in Oc. 1	Concentration Elective 3
	Concentration Elective 3	Unrestricted Elective 3
	GE Course 3	Unrestricted Elective 3
	Unrestricted Elective 3	GE Course: 3
	Unrestricted Elective 3	
	Total Credits 16	Total Credits 15

BOLD indicates courses that should be completed no later than this year in the program

Italicized indicates other classes may be taken

***This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.*

**If you were placed into foundational Writing and Mathematics courses based on your placement and/or test scores, please consult with your academic advisor to develop a degree plan.*

Baccalaureate Requirements

- Total Degree Credits Required = 120 credits of which a minimum of 36 are Upper-Division Credits (level 3000 and above)
- Completion of Major Requirements (*as indicated above*)
- Completion of General Education Requirements (*as indicated above*)
- Cumulative GPA of at least 2.0; Major GPA of at least 2.0
- Residency Requirements: 12 credits of major coursework and 24 of the last 30 credits immediately preceding graduation (*Service member's Opportunity College students please see your academic advisor*)

For more information on our General Education curriculum please refer to our Academic Catalog or visit: <https://www.hpu.edu/gen-ed/index.html>