

Sample 4-year Guided Pathway for
Bachelor of Science in Biology
 Concentration in **General Biology**

Last revised 2019-2020

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

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

Year	Fall Semester		Spring Semester	
1st	GE WC&IL 1	3	GE WC&IL 2	3
	MATH 2214 Calculus I (GE QA&SR)	3	MATH 2215 Calculus II	3
	BIOL 2050 General Biology I	4	BIOL 2052 General Biology II	4
	BIOL 2051 General Biology I Lab	1	BIOL 2053 General Biology II Lab	1
	CHEM 2050 General Chemistry I (GE NW)	3	CHEM 2052 General Chemistry II	3
	CHEM 2051 General Chemistry I Lab	1	CHEM 2053 General Chemistry II Lab	1
	Total Credits	15	Total Credits	15

Year	Fall Semester		Spring Semester	
2nd	GE H&P	3	GE T&M	3
	GE CA	3	GE CT&E	3
	BIOL 3170 Cell & Molecular Biology	3	BIOL 3090 Biometry	3
	BIOL 3171 Cell & Molecular Biology Lab	1	BIOL 3054 Evolutionary Genetics	3
	PHYS 2050 General Physics I	3	PHYS 2052 General Physics II	3
	PHYS 2051 General Physics I Lab	1	PHYS 2053 General Physics II Lab	1
	Total Credits	14	Total Credits	16

Year	Fall Semester		Spring Semester	
3rd	GE AE	3	GE GC&D	3
	GE T&I	3	GE SW	3
	CHEM 3030 Organic Chemistry I	3	CHEM 3032 Organic Chemistry II	3
	CHEM 3031 Organic Chemistry I Lab	1	CHEM 3033 Organic Chemistry II Lab	1
	BIOL 3020 Plant Biology	3	BIOL 3080 Ecology	3
	BIOL 3021 Plant Biology Lab	1	BIOL 3081 Ecology Lab	1
	Total Credits	14	Total Credits	14

Year	Fall Semester		Spring Semester	
4th	BIOL 3040 General Microbiology	3	BIOL 3060 Marine Invertebrate Zoology	3
	BIOL 3041 General Microbiology Lab	1	BIOL 3030 Comparative Animal Physiology	3
	Upper-Division Unrestricted Elective	3	BIOL 4940 Biology Senior Seminar	3
	Unrestricted Electives	3	4000 level restricted elective	3
	Unrestricted Electives	3	Unrestricted Electives	3
	Unrestricted Electives	3	Unrestricted Electives	1
	Total Credits	16	Total Credits	16

***This schedule is only a suggestion; make sure you understand the 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.*

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>