

Sample 4-year Degree Plan for
Bachelor of Science in Chemistry
 Concentration in **Conventional**

Last revised 2023-2024

*This is **ONLY a sample** degree plan. 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 initially, please modify a plan with your academic advisor.*

Year	Fall Semester		Spring Semester	
1st	GE WC&IL 1	3	GE WC&IL 2	3
	GE H&P	3	GE CA	3
	GE CT&E	3	GE AE	3
	MATH 2214 Calculus I (GE QA&SR)	3	MATH 2215 Calculus II	3
	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	16	Total Credits	16

Year	Fall Semester		Spring Semester	
2nd	GE T&I	3	GE T&M	3
	GE SW	3	GE GC&D	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
	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	14

Year	Fall Semester		Spring Semester	
3rd	CHEM 3040 Quant. Analys. (GE UDV) (odd Falls)	3	CHEM 3042 Instr. Analysis (even Spring)	3
	CHEM 3041 Quant. Analysis Lab (odd Falls)	2	CHEM 3043 Instr. Analysis Lab (even Spring)	1
	CHEM 3020 Physical Chemistry I (even Fall/Spring)	3	CHEM 3022 Physical Chemistry II (odd Springs)	3
	Upper-Division Chemistry (CHEM) Elective	3	CHEM 3023 Physical Chem. II Lab (odd Springs)	1
	Unrestricted Electives (odd Falls)	8	CHEM 3060 Inorganic Chemistry (even Springs)	3
	Unrestricted Electives (even Falls)		CHEM 4900 Research Fundamentals	2
		10	Unrestricted Electives (odd Falls)	7
	Total Credits	16	Unrestricted Electives (even Falls)	10
		Total Credits	16	

Year	Fall Semester		Spring Semester	
4th	CHEM 3040 Quant. Analys. (GE UDV) (odd Falls)	3	CHEM 3042 Instr. Analysis (even Spring)	3
	CHEM 3041 Quant. Analysis Lab (odd Falls)	2	CHEM 3043 Instr. Analysis Lab (even Spring)	1
	CHEM 3020 Physical Chemistry I (even Fall/Spring)	3	CHEM 3022 Physical Chemistry II (odd Springs)	3
	CHEM 4030 Biochemistry I	3	CHEM 3023 Physical Chem. Lab (odd Springs)	1
	CHEM 4031 Biochemistry I Lab	1	CHEM 3060 Inorganic Chemistry (even Springs)	3
	CHEM 4901 Senior Research	2	CHEM 4910 Senior Seminar (GE UDW)	3
	Unrestricted Electives (odd Falls)	1	Unrestricted Electives (odd Falls)	6
	Unrestricted Electives (even Falls)	3	Unrestricted Electives (even Falls)	9
Total Credits	12	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.*

Notes: CHEM 3040/3041 offered only Fall of odd years; CHEM 3022/3023 offered only Spring of odd years; CHEM 3042/3043/3060 offered only Spring of even years. Upper-division CHEM and Unrestricted Electives can interchange.

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) **AND** Completion of General Education Requirements (as indicated above) **AND** Cumulative GPA of at least 2.0; Major GPA of at least 2.0
- Residency Requirements: 12 credits of major course work 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>