

Chemistry

Bachelor of Science | College of Arts & Sciences | Quinnipiac University | Catalog year 2024-2025

Sample four-year plan

Shown below is one of many possible paths through the curriculum. Each student's individual academic plan is crafted in consultation with their academic advisor.

First Year					
Milestones: Earn 30 credits, meet with your advisor at least once a semester, and a GPA of 2.0 or higher.					
Fall Semester		Credits	Spring Semester		Credits
EN 101	Introduction to Academic Reading and Writing <i>UC Foundations Inquiry</i>	3	EN102	Academic Writing/Research <i>UC Foundations Inquiry</i>	3
FYS 101	First-Year Seminar <i>UC Foundations Inquiry</i>	3	CHE 111 & CHE 111L	General Chemistry II & General Chemistry II Lab (UC) <i>University Curriculum - Natural Science lecture only</i>	3 1
MA 140	Pre-Calculus <i>UC - Breadth Elective</i>	3	MA 141	Calculus of a Single Variable <i>UC Foundations Inquiry</i>	3
CHE 110 & CHE 110L	General Chemistry I & General Chemistry I Lab (UC) <i>University Curriculum - Natural Science</i>	3 1		Social Science <i>University Curriculum (UC)</i>	3
	Language at 101 level	3		Language at 102 level <i>Satisfies CAS Language Requirement</i>	3
Total		16	Total		16
Second Year					
Milestones: Earn 60 credits and a GPA of 2.0 or higher. Meet with your advisor at least once per semester to discuss academic, experiential learning, career, and co-curricular opportunities.					
Fall Semester		Credits	Spring Semester		Credits
CHE 210 & CHE 210L	Organic Chemistry I and Organic Chemistry I Lab	3 1	CHE 211 & CHE 211L	Organic Chemistry II and Organic Chemistry II Lab	3 1
PHY 110 & PHY 110L	General Physics I and General Physics I Lab	3 1	PHY 111 & PHY 111L	General Physics II and General Physics II Lab	3 1
	Humanities <i>University Curriculum (UC)</i>	3		Fine Arts <i>University Curriculum (UC)</i>	3
	Intercultural Understanding "I" <i>University Curriculum (UC)</i>	3		Social Science or Fine Arts <i>University Curriculum (UC)</i>	3
Total		14	Total		14
Third Year					
Milestones: Earn 90 credits and a GPA of 2.0 or higher. Meet with your advisor at least once per semester. Participate in study abroad, complete internship or plan summer research opportunities.					
Fall Semester		Credits	Spring Semester		Credits
CHE 301 & CHE 301L	Physical Chemistry I and Physical Chemistry I Lab	3 1	CHE 302 & CHE 302L	Physical Chemistry I and Physical Chemistry I Lab	3 1
CHE 410	Inorganic Chemistry	3	CHE 215 & CHE 215L	Analytical Chemistry and Analytical Chemistry Lab	3 1
	University Curriculum (UC) <i>Any UC course - replacement for non-UC Departmental Capstone</i>	3		Open Elective	3
	Open Elective	3		Open Elective	3
	Open Elective	3		Open Elective	1
Total		16	Total		15
Fourth Year					
Milestones: Earn 120 credits and a GPA of 2.0 or higher. Complete possible minor or double major and prepare for graduation.					
Fall Semester		Credits	Spring Semester		Credits
CHE 490	Chemistry Research I	3	CHE 491	Chemistry Research II	3
CHE 475	Chemistry Seminar I	1	CHE 476	Chemistry Seminar II	1
CHE 315 & CHE315L	Biochemistry I and Biochemistry I lab	3 1	CHE 305 & CHE 305L	Instrumental Analysis	3 1
	Open Elective	3	CHE 420	Chemistry Integrative Capstone	3
	Open Elective	3		Advanced Chemistry Elective	3
	Open Elective	1			
Total		15	Total		14

Total number of credits to graduate: 120