## **Chemistry**

## Bachelor of Science | College of Arts & Sciences | Quinnipiac University | Catalog year 2023-2024

## 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.

	Milestones: Earn 30 credits, meet	with vour a	First Year dvisor at least or	nce a semester, and a GPA of 2.0 or higher.	
Fall Semester		Credits	Spring Semester		Credits
EN 101	Introduction to Academic Reading and Writing UC Foundations Inquiry	3	EN102	Academic Writing/Research UC Foundations Inquiry	3
FYS 101	First-Year Seminar UC Foundations Inquiry	3	CHE 111& CHE 111L	General Chemistry II & General Chemistry II Lab (UC) University Curriculum - Natural Science lecture only	3
MA 140	Pre-Calculus UC - Breadth Elective	3	MA 141	Calculus of a Single Variable UC Foundations Inquiry	3
CHE 110 & CHE 110L	General Chemistry I & General Chemistry 1 Lab (UC) University Curriculum - Natural Science	3 1		Social Science University Curriculum (UC)	3
	Language at 101 level	3		Language at 102 level Satisfies CAS Language Requirement	3
	Total	16		Total	16
Milestones:		Meet with y	Second Year your advisor at lo-curricular opp	east once per semester to discuss academic, experiential ortunities.	learning,
Fall Semester		Credits	Spring Seme		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
PHY 110 & PHY 110L	General Physics I and General Physics I Lab	3	PHY 111 & PHY 111L	General Physics II and General Physics II Lab	3
	Humanities University Curriculum (UC)	3		Fine Arts University Curriculum (UC)	3
	Intercultural Understanding "I" University Curriculum (UC)	3		Social Science or Fine Arts University Curriculum (UC)	3
		14	Thind Wass		3 14
	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or higher internsl	14  r. Meet with hip or plan	summer researc	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, co h opportunities.	14 mplete
Fall Semester	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or higher internsler	r. Meet withip or plan:	n your advisor a summer research Spring Seme	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, co h opportunities.	14 mplete Credits
Fall Semester CHE 301 & CHE 301L	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or highe internsler  Physical Chemistry I and Physical Chemistry I Lab	r. Meet with appropriate Credits  3 1	summer researce Spring Seme CHE 302 & CHE 302L	t least once per semester. Participate in study abroad, co h opportunities.  ster  Physical Chemistry I and Physical Chemistry I Lab	14 mplete  Credits 3 1
Fall Semester CHE 301 & CHE 301L	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or higher internster  Physical Chemistry I	r. Meet with hip or plan services Credits	summer research Spring Seme CHE 302 &	t least once per semester. Participate in study abroad, co h opportunities.  ster  Physical Chemistry I	14 mplete Credits
Fall Semester CHE 301 & CHE 301L	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or highe internsler  Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC)  Any UC course - replacement for non-	r. Meet with appropriate Credits  3 1	summer researc Spring Seme CHE 302 & CHE 302L CHE 215 &	t least once per semester. Participate in study abroad, co h opportunities.  ster  Physical Chemistry I and Physical Chemistry I Lab Analytical Chemistry	14 mplete  Credits 3 1
Fall Semester CHE 301 & CHE 301L	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or highe internsler  Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC)	r. Meet within or plans Credits 3 1 3	summer researc Spring Seme CHE 302 & CHE 302L CHE 215 &	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, co h opportunities.  Ster  Physical Chemistry I and Physical Chemistry I Lab  Analytical Chemistry and Analytical Chemistry Lab	14 mplete Credits 3 1 3 1
Fall Semester CHE 301 & CHE 301L	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or highe internsler  Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC)  Any UC course - replacement for non- UC Departmental Capstone Open Elective Open Elective	r. Meet within or plans Credits 3 1 3 3 3	summer researc Spring Seme CHE 302 & CHE 302L CHE 215 &	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, co h opportunities.  Ster  Physical Chemistry I and Physical Chemistry I Lab  Analytical Chemistry and Analytical Chemistry Lab  Open Elective  Open Elective  Open Elective	14 mplete  Credits 3 1 3 1 3 1 1
Fall Semester CHE 301 & CHE 301L	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or highe internsler  Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC)  Any UC course - replacement for non-UC Departmental Capstone Open Elective	14  r. Meet with hip or plan a credits  3	Spring Seme CHE 302 & CHE 302L CHE 215 & CHE 215L	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, co h opportunities.  Ster  Physical Chemistry I and Physical Chemistry I Lab  Analytical Chemistry and Analytical Chemistry Lab  Open Elective  Open Elective	The state of the s
Fall Semester CHE 301 & CHE 301L CHE 410	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or highe internsler  Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC)  Any UC course - replacement for non-UC Departmental Capstone Open Elective  Open Elective  Total	r. Meet within or plan and credits and	Spring Seme CHE 302 & CHE 302L CHE 215 & CHE 215L	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, co h opportunities.  Ster  Physical Chemistry I and Physical Chemistry I Lab  Analytical Chemistry and Analytical Chemistry Lab  Open Elective  Open Elective  Open Elective	14 mplete  Credits 3 1 3 1 3 1 1
Fall Semeste CHE 301 & CHE 301L CHE 410	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or highe internsler  Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC)  Any UC course - replacement for non- UC Departmental Capstone Open Elective  Open Elective  Total  filestones: Earn 120 credits and a GPA of 2.4	r. Meet within or plan and credits and	Spring Seme CHE 302 & CHE 302L CHE 215 & CHE 215L	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, con poportunities.  Ster  Physical Chemistry I and Physical Chemistry I Lab  Analytical Chemistry and Analytical Chemistry Lab  Open Elective  Open Elective  Total  Total	14 mplete  Credits 3 1 3 1 3 1 1 5
Fall Semeste CHE 301 & CHE 301L CHE 410	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or highe internsler  Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC)  Any UC course - replacement for non- UC Departmental Capstone Open Elective  Open Elective  Total  filestones: Earn 120 credits and a GPA of 2.4	r. Meet within or plans Credits 3 1 3 3 1 6 0 or higher.	Summer researce Spring Seme CHE 302 & CHE 302L CHE 215 & CHE 215L  Fourth Year Complete poss	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, con poportunities.  Ster  Physical Chemistry I and Physical Chemistry I Lab  Analytical Chemistry and Analytical Chemistry Lab  Open Elective  Open Elective  Total  Total	14 mplete  Credits 3 1 3 1 3 1 1 5
Fall Semester CHE 301 & CHE 301L CHE 410  M Fall Semester CHE 490	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or higher internster  Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC)  Any UC course - replacement for non-UC Departmental Capstone Open Elective  Open Elective  Total  filestones: Earn 120 credits and a GPA of 2.0 or	r. Meet within or plans Credits 3 1 3 3 1 6 0 or higher. Credits	Spring Seme CHE 302 & CHE 302L CHE 215 & CHE 215L  Fourth Year Complete poss Spring Seme	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, con hopportunities.  Ster  Physical Chemistry I and Physical Chemistry I Lab  Analytical Chemistry and Analytical Chemistry Lab  Open Elective  Open Elective  Total  ible minor or double major and prepare for graduation.  Ster	14
Fall Semester CHE 301 & CHE 301L CHE 410  M Fall Semester CHE 490 CHE 475	University Curriculum (UC)  Total  es: Earn 90 credits and a GPA of 2.0 or highe internsler  Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC) Any UC course - replacement for non-UC Departmental Capstone Open Elective Open Elective  Total  Gilestones: Earn 120 credits and a GPA of 2.0 or Chemistry Research I	r. Meet with hip or plan selection or plan selec	Spring Seme CHE 302 & CHE 302L CHE 215 & CHE 215L  Fourth Year Complete poss Spring Seme CHE 491	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, co h opportunities.  Ster  Physical Chemistry I and Physical Chemistry I Lab  Analytical Chemistry and Analytical Chemistry Lab  Open Elective  Open Elective  Total  ible minor or double major and prepare for graduation.  Ster  Chemistry Research II	14 mplete Credits 3 1 3 1 15 Credits 3
M Fall Semester CHE 301 & CHE 301L CHE 410    MFall Semester CHE 490   CHE 475   CHE 315 &	University Curriculum (UC)  Total  Ses: Earn 90 credits and a GPA of 2.0 or higher internster  Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC)  Any UC course - replacement for non-UC Departmental Capstone Open Elective  Open Elective  Total  Tilestones: Earn 120 credits and a GPA of 2.0 or Chemistry Research I Chemistry Seminar I	14   14	Spring Seme CHE 302 & CHE 302L CHE 215 & CHE 215L  Fourth Year Complete poss Spring Seme CHE 491 CHE 476 CHE 305 &	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, con hopportunities.  Ster  Physical Chemistry I and Physical Chemistry I Lab  Analytical Chemistry and Analytical Chemistry Lab  Open Elective  Open Elective  Total  Total  Chemistry Research II  Chemistry Seminar II	14 mplete Credits 3 1 3 1 15 Credits 3 1 15
Fall Semester CHE 301 & CHE 301L CHE 410  M Fall Semester CHE 490 CHE 475 CHE 315 &	University Curriculum (UC)  Total  Ses: Earn 90 credits and a GPA of 2.0 or higher internst or Physical Chemistry I and Physical Chemistry I Lab Inorganic Chemistry  University Curriculum (UC)  Any UC course - replacement for non-UC Departmental Capstone Open Elective  Open Elective  Total  Chemistry Research I Chemistry Seminar I Biochemistry I and Biochemistry I lab	14   14	Spring Seme CHE 302 & CHE 302L CHE 215 & CHE 215L  Fourth Year Complete poss Spring Seme CHE 491 CHE 476 CHE 305 & CHE 305L	University Curriculum (UC)  Total  It least once per semester. Participate in study abroad, co h opportunities.  Ster  Physical Chemistry I and Physical Chemistry I Lab  Analytical Chemistry and Analytical Chemistry Lab  Open Elective  Open Elective  Open Elective  Total  Total  Chemistry Research II  Chemistry Seminar II  Instrumental Analysis	14 mplete Credits 3 1 3 1 15  Credits 3 1 15

Total number of credits to graduate: 120