

SAMPLE SCHEDULE

Bachelor of Science in Applied Chemistry

First Year					
Fall			Spring		
Course	Title	Hours	Course	Title	Hours
EN 101	Introductory College Writing (SGE) ⁰¹⁰	3	XXX	Arts & Humanities (SGE) ⁰⁶⁰	3
MA 116	College Algebra ^a (SGE) ⁰³⁰	3	CN 150	Public Speaking (SGE) ⁰²⁰	3
WU 101	Washburn Experience	3	MA 117	Trigonometry ^a	3
CH 151	Fundamentals of Chemistry I ^{a, d}	5	CH 152	Fundamentals of Chemistry II ^{a, d}	5
Total Hours		14	Total Hours		14

Second Year					
Fall			Spring		
Course	Title	Hours	Course	Title	Hours
MA 151	Calculus and Analytic Geometry I	5	EN 200	Intermediate College Writing (SGE) ⁰¹⁰	3
CH 340	Organic Chemistry I ^{a, b}	3	PS 281	General Physics I ^{a, c}	5
CH 342	Organic Chemistry Lab I ^{a, b}	2	CH 3XX	Foundation Chemistry Course ^a	3
CH 291	Professionalism in Science ^a	1	CH 3XX	Upper Division Chemistry Lab ^a	2
XXX	Social & Behavioral Science (SGE) ⁰⁵⁰	3	XXX	Other Natural Sciences Course	3
Total Hours		14	Total Hours		16

Third Year					
Fall			Spring		
Course	Title	Hours	Course	Title	Hours
PS 282	General Physics II ^{a, b}	5	XXX	Arts and Humanities (SGE) ⁰⁶⁰	3
CH 320	Analytical Chemistry ^{a, b}	3	MA 140	Statistics ^a	3
CH 321	Analytical Chemistry Lab ^{a, b}	1	CH 326	Instrumental Methods in Forensic Analysis ^a	3
CH 3XX	Foundation Chemistry Course ^a	3	CH 327	Instrument Methods in Forensic Analysis Lab ^a	1
EN 300 / EN 308	Advanced College Writing ^a or Scientific and Technical Writing ^a	3	CH 390	Undergraduate Chemical Research ^a	2
CH 3XX	Upper Division Chemistry Lab ^a	1	CM 111	Introduction to Structured Programming	4
Total Hours		16	Total Hours		16

Fourth Year					
Fall			Spring		
Course	Title	Hours	Course	Title	Hours
XXX	Social & Behavioral Science (SGE) ⁰⁵⁰	3	XXX	Institutional-Inclusion & Belonging (SGE) ⁰⁷⁰	3
CH 3XX	In-Depth Chemistry Course ^a	3	CH 491	Chemistry Seminar ^{a, c}	1
3XX/4XX	Upper-Division Elective	4	CH 3XX	In-Depth Chemistry Course ^a	2
3XX/4XX	Upper-Division Elective	3	3XX/4XX	Upper-Division Elective	3
XXX	Other Natural Sciences Course	3	3XX/4XX	Upper-Division Elective	3
			XXX	Elective	2
Total Hours		15	Total Hours		14

^a Grade of "C" or higher is required

^b Offered in Fall semester only

^c Offered in Spring semester only

^d Course can also fulfill a general education requirement; discuss with advisor

Systemwide General Education (SGE) Key

010 English

020 Communications

030 Math & Statistics

040 Natural & Physical Sciences

050 Social & Behavioral Sciences

060 Arts & Humanities

070 Institutionally Designated