

Required Course Listings

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Major Requirements (95 units)		
C	T	U
CHEM 111	General Chemistry I	4
CHEM 111L	General Chemistry I Lab	1
CHEM 112	General Chemistry II★	4
CHEM 112L	General Chemistry II Lab★	1
CHEM 113	General Chemistry III★	4
CHEM 113L	General Chemistry III Lab★	1
CHEM 224	Analytical Chemistry★	5
CHEM 281	Organic Chemistry I★	4
CHEM 281L	Organic Chemistry I Lab★	1
CHEM 282	Organic Chemistry II★	4
CHEM 282L	Organic Chemistry II Lab★	1
CHEM 316	Advanced Inorganic Chemistry★†	4
CHEM 321	Molecular Science Research Literature Review★	2
CHEM 322	Molecular Science Research Lab★	2
CHEM 351	Physical Chemistry: Thermodynamics★	4
CHEM 352	Physical Chemistry: Dynamics★	4
CHEM 353	Physical Chemistry: Quantum Mechanics★†	4
CHEM 380	Advanced Organic Chemistry★†	3
CHEM 380L	Advanced Organic Chemistry Lab★†	1
CHEM 421	Writing for Molecular Science Research★	1
CHEM 422	Molecular Science Research Presentation★	1
CHEM 427	Separation Science & Fluorescence★	4
CHEM 431	Biochemistry I★	4
CHEM 3/400	Chemistry Upper Division Elective★	4
MATH 131	Calculus I★	4
MATH 132	Calculus II★	4
MATH 133	Calculus III★	4
PHYS 231A/B	Physics I (General or University)★	4
PHYS 231L	General Physics I Lab★	1
PHYS 232A/B	Physics II (General or University)★	4
PHYS 232L	General Physics II Lab★	1
PHYS 233A/B	Physics III (General or University)★	4
PHYS 233L	General Physics III Lab★	1

General Education Requirements (95 units)		
C	T	U
UNST 101	First Year Seminar	3
ENGL 111	College Writing I	3
ENGL 112	College Writing II★	3
ENGL 113	College Writing III★	3
MATH 121	College Algebra	4
WDLG 151	World Language I	4
WDLG 152	World Language II★	4
WDLG 153	World Language III★	4
HLSC 120	Lifetime Fitness	2
SSCI 20X-SL	SSCI Theme Course (with Service Learning)	4
THM1 X00	Theme I Elective	4
HUMN 10X	HUMN Theme Course	4
THM2 3/400	Theme II Elective Upper Division★	4
THM2 X00	Theme II Elective	4
RLGN 304	Adventism in Global Perspective★	4
RELB X00	Theme IIIBiii - Scripture Elective	4
THM3 3/400	Theme III Elective Upper Division★	4
THM3 X00	Theme III Elective	4
NSCI 40X-SL	NSCI Theme Course (with Service Learning)★	4
UNST 404D-SL	Senior Seminar: Religion, Values & Social Responsibility in Chemistry (with Service Learning)★†	4
MATH 122	Trigonometry & Analytical Geometry★	4
elct 3/400	Upper Division Elective	2
elct X00	Elective	15
	Placement in MATH 007 does not prevent pathway completion in 4 years.	

Sequencing

Year 1	Fall Quarter (15 units)	Year 1	Winter Quarter (17 units)	Year 1	Spring Quarter (17 units)
Course	C T U	Course	C T U	Course	C T U

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