SAN DIEGO MIRAMAR COLLEGE

Chemistry Program's Recommended Course Sequences 2017-18 Catalog Year

The following is a suggested two-year course sequence for transfer to UCSD for a Bachelor of Science (B.S.) degree in Chemistry. Note that pre-requisites for courses are not included in this plan, and it is always advisable to meet with a counselor to ensure you are meeting all current requirements. Additionally the course sequence below is very aggressive, and you may want to consider spreading out this plan over another year.

Suggested Course Sequence to transfer to University of California, San Diego (UCSD)

First Year

Fall Term		Units
MATH 150	Calculus/Analytic Geometry I	5.0
CHEM 200	General Chemistry I Lecture	3.0
CHEM 200L	General Chemistry I Lab	2.0
ENGL 101	Reading and Composition	3.0
IGETC	Area 3 Course	3.0
IGETC	Area 5 Course	3.0
	Total Units	19.0

Spring Term		Units
MATH 151	Calculus/Analytic Geometry II	4.0
CHEM 201	General Chemistry II Lecture	3.0
CHEM 201L	General Chemistry II Lab	2.0
ENGL 205	Critical Thinking/Intrmdt Comp	5.0
PHYS 195	Mechanics	3.0
	Total Units	17.0

Summer Term		Units
IGETC	Area 4 Course	3.0
IGETC	Area 6A Course	5.0
IGETC	Area 3 Course	3.0
	Total Units	11.0

Second Year

Fall Term		Units
MATH 252	Calculus/Analytic Geometry III	4.0
CHEM 231	Organic Chemistry I Lecture	3.0
CHEM 231L	Organic Chemistry I Lab	2.0
PHYS 196	Electricity & Magnetism	5.0
IGETC	Area 3 Course	3.0
IGETC	Area 4 Course	3.0
	Total Units	20.0

Spring Term		Units
MATH 255	Differential Equations	3.0
CHEM 233	Organic Chemistry II Lecture	3.0
CHEM 233L	Organic Chemistry II Lab	2.0
PHYS 197	Waves, Optics, & Modern Physics	5.0
IGETC	Area 4 Course	3.0
	Total Units	16.0

Summer Term		Units
	Total Units	0.0

Chemistry Program's Recommended Course Sequences 2017-18 Catalog Year

The following is a suggested two-year course sequence for transfer to SDSU for a Bachelor of Science (B.S.) degree in Chemistry. Note that pre-requisites for courses are not included in this plan, and it is always advisable to meet with a counselor to ensure you are meeting all current requirements. Additionally the course sequence below is very aggressive, and you may want to consider spreading out this plan over another year.

Suggested Course Sequence to transfer to San Diego State University (SDSU)

First Year

Fall Term		Units
MATH 150	Calculus/Analytic Geometry I	5.0
CHEM 200	General Chemistry I Lecture	3.0
CHEM 200L	General Chemistry I Lab	2.0
ENGL 101	Reading and Composition	3.0
COMS 103	Oral Communication	3.0
	Total Units	16.0

Spring Term		Units
MATH 151	Calculus/Analytic Geometry II	4.0
CHEM 201	General Chemistry II Lecture	3.0
CHEM 201L	General Chemistry II Lab	2.0
ENGL 205	Critical Thinking/Intrmdt Comp	3.0
PHYS 195	Mechanics	5.0
	Total Units	17.0

Summer Term		Units
CSU GE	Area D Course	3.0
CSU GE	Area D Course	3.0
	Total Units	6.0

Second Year

Fall Term		Units
MATH 252	Calculus/Analytic Geometry III	5.0
CHEM 251	Quantitative Analytical Chem	5.0
CSU GE	Area C Course	4.0
PHYS 196	Electricity & Magnetism	3.0
	Total Units	17.0

Spring Term		Units
CHEM 231	Organic Chemistry I Lecture	3.0
CHEM 231L	Organic Chemistry I Lab	2.0
CSU GE	Area C Course	4.0
CSU GE	Area C Course	3.0
CSU GE	Area D Course	3.0
CSU GE	Area E Course	3.0
	Total Units	18.0

Summer Term		Units
	Total Units	0.0