



Physical Sciences Program Recommended Course Sequence 2017-18 Catalog Year

The following is a suggested two-year course sequence recommended by the department faculty. 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.

Pre-Engineering Studies – Associate of Science Degree (UCSD)

First Year

Fall Term		Units	Spring Term		Units	Summer Term		Units
Math 150	Calculus/Analytic Geometry I	5.0	Math 151	Calc/Analytic Geometry II	4.0	Span 101	1 ST Course in Spanish	5.0
Bio 130	Human Heredity	3.0	Phys 195	Mechanics	5.0	<i>If necessary for language req.</i>		
Eng 048*	Reading Skills II	3.0	Engl 101	Reading and Composition	3.0			
Eng 049*	Basic Composition	3.0	Hist 109	History of the United States I	3.0			
<i>Total Units</i>		14.0	<i>Total Units</i>		15.0			5.0

Second Year

Fall Term		Units	Spring Term		Units	Summer Term		Units
Math 252	Calc/Analytic Geometry III	4.0	Phys 197	Waves, Optics, Modern Phys	5.0	Artf 100	Art Orientation	3.0
Phys 196	Electricity and Magnetism	5.0	Poli 102	The American Political Syst.	3.0	Musi 103	History of Rock Music	3.0
Span 102	2 nd Course in Spanish	5.0	Hist 110	History of the United States II	3.0			
Coms 103	Oral Communications	3.0	Engl 205	Intermediate Composition	3.0			
<i>Total Units</i>		17.0	<i>Total Units</i>		14.0	<i>Total Units</i>		6.0

BOLD: Courses in bold font are required or restricted electives for the major degree.

*Non-Transferrable courses.



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Recommended Course Sequence
2017-18 Catalog Year

The following is a suggested two-year course sequence recommended by the department faculty. 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.

Pre-Engineering Studies – Associate of Science Degree (SDSU)

First Year

Fall Term		Units	Spring Term		Units	Summer Term		Units
Math 150	Calculus/Analytic Geometry I	5.0	Math 151	Calc/Analytic Geometry II	4.0	Chem 152	Intro to General Chemistry	3.0
Heal 101	Health/Life Style	3.0	Engl 101	Reading and Composition	3.0	Chem 152L	Intro to General Chem. Lab	1.0
Eng 048*	Reading Skills II	3.0	Phys 195	Mechanics	5.0			
Eng 049*	Basic Composition	3.0	Hist 109	History of the United States I	3.0			
	<i>Total Units</i>	14.0		<i>Total Units</i>	15.0		<i>Total Units</i>	4.0

Second Year

Fall Term		Units	Spring Term		Units	Summer Term		Units
Math 252	Calc/Analytic Geometry III	4.0	Phys 197	Waves, Optics, Modern Phys	5.0	Artf 100	Art Orientation	3.0
Hist 110	History of the United States II	3.0	Poli 102	The American Political Syst.	3.0	Musi 103	History of Rock Music	3.0
Phys 196	Electricity and Magnetism	5.0	Huma 101	Intro. to Humanities I	3.0			
Engl 205	Intermediate Composition	3.0	Bio 130	Human Heredity	3.0			
	<i>Total Units</i>	15.0	Coms 103	Oral Communication	3.0		<i>Total Units</i>	6.0
				<i>Total Units</i>	17.0			

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*Non-Transferrable courses.