



## 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
<b>Math 150</b>	<b>Calculus/Analytic Geometry I</b>	<b>5.0</b>	<b>Math 151</b>	<b>Calc/Analytic Geometry II</b>	<b>4.0</b>	Span 101	1 <sup>ST</sup> Course in Spanish	5.0
Bio 130	Human Heredity	3.0	<b>Phys 195</b>	<b>Mechanics</b>	<b>5.0</b>	<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
<b>Math 252</b>	<b>Calc/Analytic Geometry III</b>	<b>4.0</b>	<b>Phys 197</b>	<b>Waves, Optics, Modern Phys</b>	<b>5.0</b>	Artf 100	Art Orientation	3.0
<b>Phys 196</b>	<b>Electricity and Magnetism</b>	<b>5.0</b>	Poli 102	The American Political Syst.	3.0	Musi 103	History of Rock Music	3.0
Span 102	2 <sup>nd</sup> 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.



## 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 (SDSU)

#### First Year

Fall Term			Spring Term			Summer Term		
		Units			Units			Units
<b>Math 150</b>	<b>Calculus/Analytic Geometry I</b>	<b>5.0</b>	<b>Math 151</b>	<b>Calc/Analytic Geometry II</b>	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	<b>Phys 195</b>	<b>Mechanics</b>	<b>5.0</b>			
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			Spring Term			Summer Term		
		Units			Units			Units
<b>Math 252</b>	<b>Calc/Analytic Geometry III</b>	<b>4.0</b>	<b>Phys 197</b>	<b>Waves, Optics, Modern Phys</b>	<b>5.0</b>	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
<b>Phys 196</b>	<b>Electricity and Magnetism</b>	<b>5.0</b>	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			

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

\*Non-Transferrable courses.