

**Civil Engineering Department  
Civil Engineering Major  
Geospatial Engineering Option  
Curriculum Year: 2017-2018**

*Your department has developed this road plan, taking into account prerequisites and schedule restrictions.  
You should pay attention to these concerns when deviating from this plan.*

<b>Year 1</b>	<b>Fall</b>	<b>Units</b>	<b>Winter</b>	<b>Units</b>	<b>Spring</b>	<b>Units</b>	<b>Comments</b>	
	<b>CHM 121</b> Major Support	<b>3</b>	<b>CE127/127L</b> Major Core	<b>2</b>	<b>CE 134/134L</b> Major Core	<b>4</b>		<i>Students in this major are expected to maintain a GPA of at least 2.00 in all core courses.</i>
	<b>CHM 121L</b> GE Area B3	<b>1</b>	<b>MAT 115</b> Major Core	<b>4</b>	<b>MAT 116</b> Major Core	<b>4</b>		
	<b>MAT 114</b> GE Area B4	<b>4</b>	<b>PHY 131/131L</b> GE Area B1, B3	<b>4</b>	<b>PHY 132/132L</b> Major Support	<b>4</b>		<i>MAT 114, PHY 131/131L and CHM121L satisfy both major and general education requirements</i>
	<b>ENG 110</b> GE Area A2	<b>4</b>	<b>GE Area E</b> Any approved course in area E	<b>4</b>	<b>GE Area A1</b> Any approved course in GE Area A1	<b>4</b>		
	<b>GE Area B2</b> Any approved course in area B2	<b>3</b>			<b>CE128L</b> Major Core	<b>1</b>		
	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>17</b>		
<b>Total Units for Year</b>						<b>46</b>		

<b>Year 2</b>	<b>Fall</b>	<b>Units</b>	<b>Winter</b>	<b>Units</b>	<b>Spring</b>	<b>Units</b>	<b>Comments</b>	
	<b>CE220/220L</b> Major Core	<b>4</b>	<b>ME218</b> Major Core	<b>3</b>	<b>CE 240</b> Major Core	<b>3</b>		<i>Upper division CE courses must be approved in advance by your advisor.</i>
	<b>ME214</b> Major Core	<b>3</b>	<b>ME215</b> Major Core	<b>4</b>	<b>CE 221/221L</b> Major Core	<b>3</b>		
	<b>MAT 214</b> Major Core	<b>3</b>	<b>MAT 224</b> Major Core	<b>4</b>	<b>GE Area D3</b> Any approved course in area D3	<b>4</b>		<i>One course must be completed in each of the GE areas A2-3, B1-3, C1-3, D3, and E.</i>
	<b>PHY 133/133L</b> Major Support	<b>4</b>	<b>GE Area D1a</b> Any approved course in area D1a	<b>4</b>	<b>GE Area D2</b> Any approved course in area D2	<b>4</b>		
	<b>GE Area D1b</b> Any approved course in area D1b	<b>4</b>			<b>GE Area A3</b> Any approved course in area A3	<b>4</b>		
<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>18</b>			

<b>Total Units for Year</b>	<b>51</b>
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<b>Year 3</b>	<b>Fall</b>	<b>Units</b>	<b>Winter</b>	<b>Units</b>	<b>Spring</b>	<b>Units</b>	<b>Comments</b>	
	<b>CE304</b> Major Core	<b>4</b>	<b>CE362/362A</b> Major Core	<b>3</b>	<b>CE 306L</b> Major Core	<b>1</b>		
	<b>CE222/222L</b> Major Core	<b>4</b>	<b>CE305/305L</b> Major Core	<b>5</b>	<b>CE327L</b> Major Core	<b>1</b>		
	<b>CE325</b> Major Core	<b>2</b>	<b>CE326</b> Major Core	<b>3</b>	<b>CE420/420L</b> Major Core	<b>4</b>		
	<b>ME 311</b> Major Core	<b>3</b>	<b>CE332/332L</b> Major Core	<b>4</b>	<b>CE313</b> Major Core	<b>4</b>		
	<b>EGR322</b> GE Area D4	<b>4</b>	<b>CE331</b> Major Core	<b>3</b>	<b>IME 301 or STA 309</b> Major Support	<b>3</b>		
					<b>GSC 321/321L</b> Major Support	<b>4</b>		
	Take the Graduate Writing Test							
	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>17</b>		
	<b>Total Units for Year</b>							<b>52</b>

<b>Year 4</b>	<b>Fall</b>	<b>Units</b>	<b>Winter</b>	<b>Units</b>	<b>Spring</b>	<b>Units</b>	<b>Comments</b>	
	<b>CE491</b> Major Core	<b>1</b>	<b>CE492</b> Major Core	<b>2</b>	<b>CE 493</b> Major Core	<b>1</b>		<i>All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE synthesis course in that area.</i>
	<b>CE421</b> Major Core	<b>4</b>	<b>CE484/484L</b> Major Core	<b>4</b>	<b>CE482/482L</b> Major Core	<b>4</b>		
	<b>CE451</b> Major Core	<b>4</b>	<b>CE311/311L</b> Major Core	<b>4</b>	<b>GE Area C2</b> Any approved course in area C2	<b>4</b>		
	<b>CE427/427L</b> Major Core	<b>4</b>	<b>GE Area C3</b> Any approved course in area C3	<b>4</b>	<b>IME 402</b> GE Area C4	<b>4</b>		
	<b>GE Area C1</b> Any approved course in area C1	<b>4</b>	<b>CE 465</b> Major Core	<b>1</b>				
				Request a graduation check	File an application for graduation			
	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>13</b>		
	<b>Total Units for Year</b>							

<b>Total Units on Plan</b>	<b>194</b>	21 GE Units counted also as Major Support giving a total of 39 Major Support units.
<b>Major Core Units</b>	<b>112</b>	
<b>Major Support Units</b>	<b>14</b>	
<b>General Education Units</b>	<b>68</b>	
<b>Unrestricted Elective Units</b>	<b>0</b>	