

## Geology as a secondary major with Materials Engineering

2017-2018 Catalog

**107 Mat E/Basic Program Credits +31 Geol Credits(which are meeting Mat E requirements) = 138 Total Credits**

**To meet university rules governing a second major, student would need to show 143+ total credits at graduation. If the student does not have any excess credits to reach 143+ total credits, they would need to add 5 credits to the plan below.**

### First Year

Cr.	Semester 1	Cr.	Semester 2
4	Chem 177	3	Chem 178
1	Chem 177L	1	Chem 178L
3	Engl 150	4	Math 166
R	Engr 101	5	Phys 221
3	Engr 160	3	Geol 100 (Gen Ed)
4	Math 165	1	Geol 100L
1	Lib 160		
	<i>16 Total credits</i>		<i>17 Total Credits</i>

### Sophomore Year

Cr.	Semester 3	Cr.	Semester 4	Cr.	Summer 2
4	Math 265	4	Math 267	3	US Diversity (Gen Ed)
3	Mat E 215	3	Mat E 214		
1	Mat E 215L	3	Mat E 216		
5	Phys 222	1	Mat E 216L		
3	Engl 250	4	Geol 102/102L		
	<i>16 Total Credits</i>		<i>15 Total Credits</i>		<i>3 Total Credits</i>

### Junior Year

Cr.	Semester 5	Cr.	Semester 6
3	Mat E 311	R	Mat E 301
3	Mat E 317	3	Mat E 314
3	Specialization	3	Stat 305
3	Materials Elective	3	Mat E 319
3	Geol 315	3	Specialization

1	Geol 315L	4	Geol 356
1	Geol 316	1	Geol 357
	<i>17 Total Credits</i>		<i>17 Total Credits</i>

**Senior Year**

<b>Cr.</b>	<b>Semester 7</b>	<b>Cr.</b>	<b>Semester 8</b>	<b>Cr.</b>	<b>Summer 4</b>
3	Mat E 413	3	Mat E 414	6	Geol 302
3	Mat E 418	3	Specialization		
3	Specialization	3	Geol 365		
3	Materials Elective	3	Technical Writing		
4	Geol 368	3	International Perspective		
	<i>16 Total Credits</i>		<i>15 Total Credits</i>		<i>6 Total Credits</i>