

# Sample Plan of Study

## Geology BS

### Oceanography & Estuarine Science concentration

#### Freshman Year (33CR)

Fall Semester		Spring Semester	
GEO 101 Physical Geology	4	GEO 102 Historical Geology	4
MATH 113 Analytic Geometry	4	CHEM 211 General Chemistry	4
COMM 101 Interpersonal & Group Interact.	3	HIST 100 Western Civ	3
SOCI 101 Introductory Sociology	3	MATH 114 Analytic Geometry	4
UNIV 100 Introduction to Mason	1	Global Understanding	3
	<b>15</b>		<b>18</b>

#### Sophomore Year (35CR)

Fall Semester		Spring Semester	
GEO 302 Mineralogy	4	Arts requirement	3
CHEM 212 General Chemistry	4	BIO 104 Intro Biology	4
STAT 250 Intro Statistics	4	GEO 312 Invertebrate Paleontology	4
BIO 103 Intro Biology	4	Foreign Language 200 level	3
PHED Basic Scuba	2	Literature requirement	3
	<b>18</b>		<b>17</b>

## Junior Year (34CR)

Fall Semester		Spring Semester	
GEO 317 Geomorphology	4	BIO 449 Marine Ecology	3
GEO 304 Sedimentary Geology	4	HIST requirement	3
CLIM 111 Intro Atmos Science	3	GEO 308 Ig/Met Petrology	4
CLIM 112 Intro Atmos Science LAB	1	Information Technology Requirement	3
GEO 364 Marine Geology	3	ENGH 302 Advanced Composition	3
ENGH 101 Composition	3		
	<b>18</b>		<b>16</b>

## Senior Year (28CR)

Fall Semester		Spring Semester	
GEOL 420 Earth Science and Policy	3	GEO elective	4
GEO 304 Sedimentary Geology	4	GEO 458 Chemical Oceanography	3
GEO 412 Physical Oceanography	3	ASTRO 111 Intro Astronomy	3
PHYS 243 College Physics	3	ASTRO 112 Intro Astro LAB	1
PHYS 244 College Physics LAB	1	Philosophy requirement	3
	<b>14</b>		<b>14</b>