

**Course of Study for Geoscience**  
(For Students entering in Fall 2011)

<b>Freshman Year/Fall Semester</b>	<b>Cr.</b>	<b>Freshman Year/Spring Semester</b>	<b>Cr.</b>
___42.101 (Gen Ed) College Writing I	3	___42.102 (Gen Ed) College Writing II	3
___84.121 Chemistry I	3	___84.122 Chemistry II	3
___84.123 Chemistry I Lab	1	___84.124 Chemistry II Lab	1
___92.131 Calculus I	4	___92.132 Calculus II	4
___87.101 Environ. Science Seminar	1	___87.102 Environ. Problems Seminar	1
___ __. __ (Gen. Ed.) SS*	<u>3</u>	___ __. __ (Gen. Ed.) AH*	<u>3</u>
	<b>15</b>		<b>15</b>

<b>Sophomore Year/Fall Semester</b>	<b>Cr.</b>	<b>Sophomore Year/Spring Semester</b>	<b>Cr.</b>
___87.201 Earth & Env. Systems I w/lab	4	___87.202 Earth & Env. Systems II w/lab	4
___95.103 General Physics I	3	___95.104 General Physics II	3
___96.103 General Physics Lab I	1	___96.104 General Physics Lab II	1
___81.111 Principles of Biology I	3	___81.112 Principles of Biology II	3
___81.117 Principles of Biology I Lab	2	___81.118 Principles of Biology Lab II	2
___92. __ Mathematics Elective <sup>1</sup>	<u>3</u>	___ __. __ (Gen. Ed.) SS*	<u>3</u>
	<b>16</b>		<b>16</b>

<b>Junior Year/Fall Semester</b>	<b>Cr.</b>	<b>Junior Year/Spring Semester</b>	<b>Cr.</b>
___89.151 Earth and Life	3	___89.304 Igneous & Metam. Petrology	3
___89.153 Earth and Life Lab	1	___89.306 Igneous & Metam. Petr. Lab	1
___89.301 Mineralogy & Crystallog.	3	___89.314 Hydrogeology	3
___89.303 Miner. & Crystallog. Lab	1	___89.316 Geomorphology	3
___89.315 Environ. Geochemistry	4	___89.318 Geomorphology Lab	1
___ __. __ (Gen. Ed.) AH*	<u>3</u>	___89. __ Geoscience Elective	3
	<b>15</b>	___ __. __ (Gen. Ed.) SS*	<u>3</u>
			<b>17</b>

<b>Senior Year/Fall Semester</b>	<b>Cr.</b>	<b>Senior Year/Spring Semester</b>	<b>Cr.</b>
___81.315 Principles of Ecology	3	___89.326 Glacial & Pleistocene Geol.	3
___81.317 Principles of Ecology Lab	1	___89.352 Sediment. & Stratigraphy	3
___89.322 Structural Geology	3	___89.354 Sediment. & Stratigraphy Lab	1
___89.324 Structural Geology Lab	1	___ __. __ (Gen. Ed.) AH*	3
___89. __ Geoscience Elective	3	___ __. __ Free Elective	<u>3</u>
___87.504 Geographic Info. System	<u>3</u>		<b>13</b>
	<b>14</b>		

**Total Minimum Credits = 120**

- **Consult the General Education Program Course Website: <http://www.uml.edu/gened> for General Education requirements. The department will determine how you will meet the Diversity (D) and Ethics (E) General Education requirements. The General Education elective courses may be taken in any sequence.**

**1 Consult advisor for approved math electives**