



Curricular Plan Geological Sciences BA/MA

The plan below provides a roadmap for completing this academic program and the UB Curriculum within 5 years. Your actual plan may vary depending on point of entry to the university, course placement and/or waivers based on standardized test scores, earned alternative credit and/or college transfer credit.

All students are encouraged to use this plan in conjunction with other academic planning resources such as your academic advisor, the hUB Academic Advisement Report, My Planner and Path Finder tool.

In addition to following this course roadmap, all other admission and academic requirements of this major (as per the Undergraduate Catalog) must be met in order to successfully complete this degree.

First Year – Fall Semester		
Course	Category	Credit
UB Seminar	UBS	3
GLY 101	M/SL 1	3
GLY 105	M/SL 1	1
PHY 101	M	4
PHY 151	M	1
<i>Total Credits:</i>		12

First Year – Spring Semester		
Course	Category	Credit
GLY 102	M/SL 1	3
Pathway	P	3
MTH 121	M/MQR	4
Pathway	P	3
ENG 105	CL 1	4
<i>Total Credits:</i>		17

Second Year – Fall Semester		
Course	Category	Credit
GLY 215	M	4
CHE 101	M	5
Pathway	P	3
Pathway	P	3
<i>Total Credits:</i>		15

Second Year – Spring Semester		
Course	Category	Credit
GLY 206	M/CL 2	3
Pathway	P	3
GLY 300 Level Elective	M	4
Diversity Learning	DL*	3
Pathway	P	3
<i>Total Credits:</i>		16

Third Year – Fall Semester		
Course	Category	Credit
GLY 300 Level Elective	M	4
GLY 300 or 400 Level Elective 1	M	4
Elective	E	3
Elective	E	3
UBC 399	CAP	1
<i>Total Credits:</i>		15

Third Year – Spring Semester		
Course	Category	Credit
GLY 300 Level Elective	M	4
Elective	E	3
Elective	E	3
Elective	E	3
Elective	E	3
<i>Total Credits:</i>		16

Third Year – Summer Semester		
Course	Category	Credit
GLY 407	M	3
<i>Total Credits:</i>		3

Fourth Year – Fall Semester		
Course	Category	Credit
GLY 300 or 400 Elective 2	M	3
Elective	E	3
Elective	E	3
Graduate Course	M	3
<i>Total Credits:</i>		12

Fourth Year – Spring Semester		
Course	Category	Credit
Elective	E	3
Elective	E	3
Graduate Course	M	3
Elective	E	3
<i>Total Credits:</i>		12

Fifth Year – Fall Semester		
Course	Category	Credit
Graduate Course	M	3
Graduate Course	M	3
Graduate Course	M	3
Project	M	3
<i>Total Credits:</i>		12

Fifth Year – Spring Semester		
Course	Category	Credit
Graduate Course	M	3
Graduate Course	M	3
Graduate Course	M	3
Project	M	3
<i>Total Credits:</i>		12

Total Credits Required for Degree:	142
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*Approved Diversity Learning course if not met through approved major, elective, or UBC course.

Category Legend:

M = Course Required for Major (including pre-requisites needed for admission to the major)

E = Elective (course not required for major or UB Curriculum)

The following are all components of the UB Curriculum (UBC) For more information on the UBC and course options visit: <https://catalog.buffalo.edu/policies/ubcurriculum.html>

- UBS = UB Seminar
- CL1/CL 2 = Communication Literacy (2 required)
- CAP = UB Capstone
- DL = Diversity Learning
- MQR = Math and Quantitative Reasoning
- P = Pathway Course (6 required: 3 Global, 3 Thematic)
- SLI1/SLI2 = Scientific Literacy and Inquiry (2 required)

Note: Some classes may count toward both a major (M) and UB Curriculum (UBC) requirement. Courses that count towards more than one requirement are indicated by a "/" (slash) in the category column indicating which categories the course will satisfy.