



## Curricular Plan Geography BS - Geographical Information Science



A curricular plan provides a roadmap for completing this academic program and the UB Curriculum in four 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 listed in the Undergraduate Catalog must be met in order to successfully complete this degree.

Freshman Year – Fall Semester		
<i>Course</i>	<i>Category</i>	<i>Credit</i>
UB Seminar	UBS	3
Pathway or ENG 105	P or CL 1	3 or 4
Pathway	P	3
GEO 101	M/SL 1	3
Elective	E	3
<i>Total Credits:</i>		15 or 16

Freshman Year – Spring Semester		
<i>Course</i>	<i>Category</i>	<i>Credit</i>
Pathway	P	3
Pathway or ENG 105	P or CL 1	3 or 4
GEO 104 or 106	SLI 2	3
GEO 105	M/SLI 2	1
CSE 113	M	4
<i>Total Credits:</i>		14 or 15

Sophomore Year – Fall Semester		
<i>Course</i>	<i>Category</i>	<i>Credit</i>
GEO 211	M/MQR	4
Pathway	P	3
Pathway	P	3
Elective	E	3
Elective	E	3
<i>Total Credits:</i>		16

Sophomore Year – Spring Semester		
<i>Course</i>	<i>Category</i>	<i>Credit</i>
Pathway	P	3
Diversity Learning	DL*	3
GEO 102 or 103	M	3
Elective	E	3
Elective	E	3
<i>Total Credits:</i>		15

Junior Year – Fall Semester		
Course	Category	Credit
Communication Literacy	CL 2	3
GEO 120	M	3
GEO 381	M	3
MTH 121 or 141	M	4
Elective	E	3
<i>Total Credits:</i>		16

Junior Year – Spring Semester		
Course	Category	Credit
UBC 399	CAP	1
GEO 481	M	4
GIS Elective	M	3
GEO 3XX/4XX	M	3
Elective	E	3
<i>Total Credits:</i>		14

Senior Year – Fall Semester		
Course	Category	Credit
GEO 3XX/4XX	M	3
GEO 3XX/4XX	M	3
Elective	E	3
Elective	E	3
Elective	E	3
<i>Total Credits:</i>		15

Senior Year – Spring Semester		
Course	Category	Credit
GIS Elective	M	3
GEO 411	M	3
Elective	E	3
Elective	E	3
Elective	E	2
<i>Total Credits:</i>		14

<b>Total Credits Required for Degree:</b>	<b>120</b>
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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.