



Curricular Plan Chemistry BS



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		
Course	Category	Credit
UB Seminar	UBS	3
CHE 101 or 105	M/SLI 1	5
MTH 141	M/MQR	4
PHY 107	M/SLI 2	4
<i>Total Credits:</i>		16

Freshman Year – Spring Semester		
Course	Category	Credit
ENG 105	CL 1	4
CHE 102 or 106	M	5
MTH 142	M	4
PHY 108	M	4
PHY 158	M	1
<i>Total Credits:</i>		18

Sophomore Year – Fall Semester		
Course	Category	Credit
CHE 201 or 251	M	5
CHE 214	M	3
Pathway	P	3
MTH 241	M	4
<i>Total Credits:</i>		15

Sophomore Year – Spring Semester		
Course	Category	Credit
CHE 202 or 252	M	5
CHE 215	M	2
Pathway and Diversity Learning	P/DL*	3
Pathway	P	3
Pathway	P	3
<i>Total Credits:</i>		16

Junior Year – Fall Semester		
Course	Category	Credit
CHE 319	M	3
CHE 321	M	3
CHE 301	M	3
CHE 329	M	2
MTH 306 or 309	M	4
<i>Total Credits:</i>		15

Junior Year – Spring Semester		
Course	Category	Credit
CHE 320	M	3
CHE 322	M	3
CHE 312	M	3
CHE 376	M	3
Communication Literacy	CL 2	3
<i>Total Credits:</i>		15

Senior Year – Fall Semester		
Course	Category	Credit
CHE 413	M	3
CHE 498	E	3
Pathway	P	3
Pathway	P	3
UBC 399	CAP	1
<i>Total Credits:</i>		13

Senior Year – Spring Semester		
Course	Category	Credit
CHE 414	M	1
CHE 400-Level Elective	M	3
Elective	E	3
Elective	E	2
Technical Elective	M	3
<i>Total Credits:</i>		12

Total Credits Required for Degree:	120
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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.