



Curricular Plan Biological Sciences BS/DDS

The plan below provides a roadmap for completing this academic program and the UB Curriculum within 3 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
BIO 200	M/SLI 1	5
CHE 101	M /SLI 2	5
MTH 121/141	M/MQR	4
UB Seminar	UBS	3
<i>Total Credits:</i>		17

First Year – Spring Semester		
Course	Category	Credit
BIO 201	M	4
CHE 102	M	5
MTH 122/142	M	4
ENG 105	CL 1	4
<i>Total Credits:</i>		17

Second Year – Fall Semester		
Course	Category	Credit
BIO 203	M	3
BIO Lab	M	2
CHE 201	M	5
Pathway and Diversity Learning	P/DL*	3
Pathway	P	3
<i>Total Credits:</i>		16

Second Year – Spring Semester		
Course	Category	Credit
BIO 205	M	3
BIO Lab	M	2
CHE 202	M	5
Pathway	P	3
Pathway	P	3
<i>Total Credits:</i>		16

Third Year – Fall Semester		
Course	Category	Credit
BIO 319	M	3
PHY 101/151 or PHY 107	M	4
BIO Lab	M	2
Pathway	P	3
BIO 387 or Equivalent	CL2	3
<i>Total Credits:</i>		15

Third Year – Spring Semester		
Course	Category	Credit
BIO Lab	M	2
PHY 102/152 or PHY 108/158	M	4
Pathway	P	3
UBC 399	CAP	1
Elective	E	3
<i>Total Credits:</i>		13

Total Credits Required for Degree:	94
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**Approved Diversity Learning course if not already completed 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.