



Finish in 4 Curricular Plan General Study in Applied Mathematics BS



A Finish in 4 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
MTH 141	M/MQR	4
PHY 107	M /SLI I	4
ENG 105	CL1	4
<i>Total Credits:</i>		15

Freshman Year – Spring Semester		
Course	Category	Credit
MTH 142	M	4
PHY 108	M /SLI II	4
CSE 115	M	4
Thematic Pathway	TP1	3
<i>Total Credits:</i>		15

Sophomore Year – Fall Semester		
Course	Category	Credit
MTH 241	M	4
MTH 309	M	4
Elective	E	1
Thematic Pathway	TP2	3
Global Pathway	GP1	3
<i>Total Credits:</i>		15

Sophomore Year – Spring Semester		
Course	Category	Credit
MTH 306	M	4
MTH 337	M	4
Thematic Pathway	TP 3	3
Global Pathway	GP2	3
<i>Total Credits:</i>		14

Junior Year – Fall Semester		
Course	Category	Credit
MTH 311	M	4
MTH 417	M	4
Elective or Diversity Learning	E or DL	3
Global Integ. Path.	GP3	3
Communication Literacy	CL2	3
<i>Total Credits:</i>		17

Junior Year – Spring Semester		
Course	Category	Credit
MTH 431	M	4
MTH 418	M	4
Elective	E	3
MTH 300/400 EL	M	3
MTH 300/400 EL	M	3
<i>Total Credits:</i>		17

Senior Year – Fall Semester		
Course	Category	Credit
MTH 443	M	4
MTH 300/400 EL	M	3
MTH or CSE 300/400 EL	M	3
Elective	E	3
UBC 399	CAP	1
<i>Total Credits:</i>		14

Senior Year – Spring Semester		
Course	Category	Credit
MTH 419 or MTH 420	M	4
MTH or CSE 300/400 EL	M	3
MTH or CSE 300/400 EL	M	3
Elective	E	3
<i>Total Credits:</i>		13

Total Credits Required for Degree:	120
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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: <list url of Catalog UBC page>

- UBS = UB Seminar
- CL1/CL 2 = Communication Literacy (2 required)
- CAP = UB Capstone
- DL = Diversity Learning
- GP1/GP2/GP3 = Global Pathway Course (3 required)
- MQR = Math and Quantitative Reasoning
- SLI1/SLI2 = Scientific Literacy and Inquiry (2 required)
- TP1/TP2/TP3 = Thematic Pathway Course (3 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.

