



Finish in 4 Curricular Plan

Mathematics BA General Study in Mathematics and Education *Finish in 4*

A Finish in 4 Curricular Plan provides a roadmap for completing this academic program and the UB Curricular years. Your actual plan may vary depending on point of entry to the university, course placement and/or work 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 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 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
Thematic Pathway	TP1	3
ENG 105	CL1	4
<i>Total Credits:</i>		14

Freshman Year – Spring Semester	
Course	Category
MTH 142	M
CSE 113 or CSE 115	M
Thematic Pathway	TP2
Global Pathway	GP1
Global Pathway	GP2
<i>Total Credits:</i>	

Sophomore Year – Fall Semester		
Course	Category	Credit
MTH 241	M	4
MTH 337 or CSE 114 or CSE 116	M	4
CSE 191	M	4
Scientific Literacy	SLI 1	4
<i>Total Credits:</i>		16

Sophomore Year – Spring Semester	
Course	Category
MTH 309	M
MTH 311	M
LAI 350	M
Scientific Literacy	SLI 2
<i>Total Credits:</i>	

Junior Year – Fall Semester		
Course	Category	Credit
MTH 306	M	4
MTH 431	M	4
Communication Literacy	CL2	3
Global Pathway	GP3	3
Thematic Pathway	TP 3	3
<i>Total Credits:</i>		17

Junior Year – Spring Semester	
Course	Category
MTH 335	M
CEP 400	M
ELP 405	M
Elective or Diversity Learning	E or DL
UBC 399	CAP
<i>Total Credits:</i>	

Senior Year – Fall Semester		
Course	Category	Credit
MTH 411 or STA 301	M	4
MTH 419 or MTH 420	M	4
Education EL	M	3
Elective	E	3
<i>Total Credits:</i>		14

Senior Year – Spring Semester	
Course	Category
MTH 300/400 EL	M
Education EL	M
Education EL	M
Elective	E
Elective	E
<i>Total Credits:</i>	

Total Credits Required for Degree:		
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120

NOTE: Some classes may count toward both a major (M) and UB Curriculum (UBC) requirement

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.



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<i>Credit</i>
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15

<i>Credit</i>
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3
3
1
14

<i>Credit</i>
3
3
3
3
1
13