

Mathematics Major

B.S. in Mathematics - Curriculum Map 2017-2018 Catalog

Freshman			
Fall	Cr.	Spring	Cr.
EN 101 Composition and Literature I	3	EN 102 Composition and Literature II	3
MA 121 Calculus I (General Education Math) ^{c1}	4	MA 122 Calculus II (General Education Math) ^{c1}	4
General Education Lab Science (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	4	MA 241 Mathematical Computation and Modeling	3
Free Elective	3	General Education Lab Science (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	4
Semester Total Credits	14	Semester Total Credits	14
Sophomore			
Fall	Cr.	Spring	Cr.
EN 201 World Literature I (General Education Literature)	3	EN 202 World Literature II	3
MA 223 Calculus III ^{c1}	4	MA 224 Differential Equations ^{c1}	4
MA 306 Discrete Mathematics ^{c2}	3	MA 310 Linear Algebra ^{c2}	3
PS 211 University Physics I	4	PS 212 University Physics II	4
General Education History (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	3	General Education Arts & Humanities (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	3
Semester Total Credits	17	Semester Total Credits	17
Junior			
Fall	Cr.	Spring	Cr.
MA 303 Advanced Calculus I or 309 ^{2, c2}	3	MA 304 Advanced Calculus II or 312 ³	3
MA 311 Statistical Methodology ^{c2}	3	Math Elective (300-400 level) ^{c2}	3
General Education Social Science (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	3	Math Elective (300-400 level) ^{c2}	3
Free Elective	3	PH 303 Survey of Ethics or 350 (General Education Ethics)	3
Free Elective	3	Free Elective	3
		MA 250 Communication in Mathematics	1
Semester Total Credits	15	Semester Total Credits	16
Senior			
Fall	Cr.	Spring	Cr.
MA 309 Algebraic Structures or 303 ^{2, c2}	3	Mathematics Elective (300-400 level) ^{c2}	3
MA 411 Senior Seminars (General Education Capstone) ^{c2}	3	Mathematics Elective (300-400 level) ^{c2}	3
Free Elective	3	Free Elective	3
Free Elective	3	Free Elective	3
Free Elective	3	Free Elective	3
Semester Total Credits	15	Semester Total Credits	15
Total Credits For This Major: 123			

- ² MA 303 and MA 309 alternate as fall semester courses; both courses are required. For years these courses are offered, see Course Descriptions.
- ³ MA 304 and MA 312 alternate as spring semester courses; one of the two courses is required.
- ^{c1} Grade of C or higher required in 3 of the 4 courses.
- ^{c2} Grade of C or higher in at least 6 Math courses at the 300/400 level (other than MA 360)