

Bachelor of Science Major Code MA00

Mathematics Major

General Education CORE 42 Requirements 42*32

UE 100 First Year Experience** 1 ...

Mathematics Requirements..... 40

MATH 150	Calculus with Analytic Geometry I*	5	
MATH 250	Calculus with Analytic Geometry II.....	4	was 5 cr hs
MATH 260	Calculus with Analytic Geometry III.....	4	was 3 cr hs
MATH 300	Fundamentals of Mathematical Thought.....	3	
MATH 340	Discrete Mathematics.....	3	
MATH 342	Abstract Algebra.....	3	
MATH 351	Linear Algebra.....	3	
MATH 421	Intro to Advanced Calculus.....	3	added

Mathematics Electives..... 12

Students must take 12 hours of Math numbered 310 or higher not including Math 312, 315, or 339

At least one of these courses must be Math 350, 371, or 452

Supporting Requirements 13

PHYS 270 General Physics I/Lab..... 4

Natural Science CORE 42 course (not PHYS 160)..... 3

CIS 110 Programming I..... 3

CIS 210 Programming II..... 3

Electives 34

Total **120******

*Required mathematics satisfies 3 hours of CORE 42 area 4, Natural Science choice (3) and PHYS 270 (4) satisfy CORE 42 area 3A and B (7 hours).

**Degree Requirement H may also be met by HNRS 101 (2 credit hours)

****Must include at least 39 Upper Division (300-400 level) hours.

Updated 4/4/18 to reflect CORE 42 and new science courses, updated 4/9/18 to reflect degree requirement changes