

NAME:
STUDENT ID:

PROPOSED GRADUATION QTR:
OTHER MAJORS:

B.S. in Mathematics

69 Math Credits; 180 Total Credits Required for Graduation

University and College of Arts & Sciences Requirements can be found on your DARS report.

Application Requirements (15 credits)

Math 124 (5cr) – Calculus I
Math 125 (5cr) – Calculus II
Math 126 (5cr) – Calculus III

Students must earn a minimum of 2.0 in each of Math 124, 125 and 126 with a minimum of a 2.5 average in all Math courses. Complete of these requirements does not guarantee Admission.

Core Requirements (18 credits)

Math 300 (3cr) – Mathematical Reasoning
Math 307 (3cr) – Differential Equations
Math 308 (3cr) – Matrix Algebra
Math 324 (3cr) – Advanced Multivariable
Math 327 (3cr) – Introductory Real Analysis I
~~*Math 328 (3cr) – Introductory Real Analysis II~~
Math 424 (3cr) – Concepts of Analysis
recommended to replace Math 328 requirement

Continuation Policy

To maintain good academic standing with the department, students must maintain a minimum math GPA of 2.0 and earn at a minimum of a 2.5 in all courses used towards major requirements.

Requirements effective Autumn 2018

This information is to be used for planning. Always check your DARS report to ensure you have met all degree requirement. Over →

Six of the courses below either in 2 three-quarter sequences or 3 two-quarter sequences, with at least 1 sequence from items: a-d: (18 credits)

- Modern Algebra – 402/403/404
- Concepts of Analysis – 424/425/426
- Complex Analysis – 427/428
- Topology & Geometry – 441/442/443
- Optimization – 407/408/409
- Combinatorics – 461/462
- Numerical Analysis – 464/465
- Probability – 491/492

Proficiency in items “a” and “b” is generally expected for graduate study in mathematics. In addition, items “c” and “d” are recommended for PhD programs in pure mathematics. Alternative combinations may be preferred for graduate study in other areas of the mathematical sciences and for industry careers. Consult with Math Student Services to learn more.

Elective Requirements (18 credits)

Six additional upper-division mathematics courses, excluding MATH 398, 399, 411, 412, 444, 445, 497, 498 and 499. No more than two courses numbered MATH 380 or MATH 480. Two of the six can be taken in other departments with approval from the Student Services Office.

<i>Autumn Quarter 20__</i>	<i>Winter Quarter 20__</i>	<i>Spring Quarter 20__</i>	<i>Summer Quarter 20__</i>
Quarter Total	Quarter Total	Quarter Total	Quarter Total

<i>Autumn Quarter 20__</i>	<i>Winter Quarter 20__</i>	<i>Spring Quarter 20__</i>	<i>Summer Quarter 20__</i>
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