B.S. in Mathematics

69 MATH Credits; 180 Total Credits Required for Graduation

This information is to be used for planning. Check your Degree Audit Reporting System (DARS) or meet with an advisor to ensure you have met all degree requirements.

Minimum admissions requirements: MATH 124, MATH 125, MATH 126, MATH 300 (or MATH 134, MATH 135, MATH 136), with a minimum 2.0 grade in each of these courses and an overall minimum 2.50 GPA in all mathematics courses. Completion of these requirements does not guarantee admission.

Calculus Sequence (15 credits)	Advanced Mathematics and Electives (36 credits)	
 MATH 124 (5cr) − Calculus I MATH 125 (5cr) − Calculus II MATH 126 (5cr) − Calculus III 	 2 three-quarter sequences OR 3 two-quarter sequences Total of 6 courses; 5 courses if completing Concepts of Analysis. 	
Core Requirements (18 credits) ☐ MATH 207 (3cr) – Differential Equations ☐ MATH 208 (3cr) – Matrix Algebra ☐ MATH 224 (3cr) – Advanced Multivariable ☐ MATH 300 (3cr) – Mathematical Reasoning ☐ MATH 327 (3cr) – Intro Real Analysis ☐ MATH 424 (3cr) – Concepts of Analysis	Complete at least 1 sequence from items 1-4.¹ 1. Modern Algebra – 402 / 403 / 404 2. Concepts of Analysis – 425 / 426 3. Topology & Geometry – 441 / 442 / 443 4. Complex Analysis – 427 / 428 5. Optimization – 407 / 408 / 409 6. Combinatorics – 461 / 462 7. Numerical Analysis – 464 / 465 8. Probability – 491 / 492 or 493	
¹ Sequence recommendations: Items "1" and "2" are generally expected for graduate study in mathematics. Items "3" and "4" are recommended for PhD programs in pure mathematics. Alternative		

² MATH course restrictions:

- Excluding MATH 398, 399, 411, 412, 444, 445, 497, 498, 499.
- No more than two special topic MATH courses numbered 380 or 480.

industry careers.

combinations may be preferred for graduate study

in other areas of the mathematical sciences and for

Continuation Satisfactory Progress Policy

To maintain good academic standing within the Department of Mathematics, students must maintain a minimum major GPA of 2.0 and earn a numerical grade of a 2.0 or higher in all courses that could be applied towards the Math major requirements. Students must also complete at least one course towards the major requirements each quarter they enroll, with the exception of summer quarter.

COURSE PLANNER

Advising recommendation: No more than two math courses per quarter.

Autumn 20	Winter 20	Spring 20	Summer 20
Credit Total	Credit Total	Credit Total	Credit Total
Autumn 20	Winter 20	Spring 20	Summer 20
Credit Total	Credit Total	Credit Total	Credit Total
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Autumn 20	Winter 20	Spring 20	Summer 20
Credit Total	Credit Total	Credit Total	Credit Total
·	1	1	1
Autumn 20	Winter 20	Spring 20	Summer 20
	Credit Total	Credit Total	Credit Total

Math Student Guide: https://math.washington.edu/math-student-guide

- Course Offerings and Planning
- Departmental Honors & Senior Thesis
- Graduation Application
- Satisfactory Progress Policy
- Special Offerings (MATH 380 & MATH 480 special topics)
- Transfer Credit Evaluations
- Washington Directed Reading Program (WDRP)
- Washington Experimental Mathematics Lab (WXML)