## **B.A.** in Mathematics – Teacher Preparation Option

58-59 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)	Statistics (4-5 credits)	
☐ MATH 124 (5cr) — Calculus I	☐ One of the following:	
☐ MATH 125 (5cr) — Calculus II	STAT 311 (5cr) – Elements of Stat Methods	
☐ MATH 126 (5cr) — Calculus III	STAT 390 (4cr) – Stat Methods in Engineering	
	QSCI 381 (5cr) – Intro to Probability & Stat	
Mathematics Core (9 credits)		
☐ MATH 207 (3cr) – Differential Equations	Major Electives (15 credits)*  Upper-division courses in MATH, AMATH, or STAT; including PHYS 407/408/409.  At least 6 cr. must be from the MATH dept.	
☐ MATH 208 (3cr) – Matrix Algebra		
☐ MATH 300 (3cr) – Mathematical Reasoning		
Teacher Requirement (12 credits)		
Intro to Modern Algebra with Applications		
☐ MATH 412 (3cr)		
Intro to Geometries		
☐ MATH 444 (3cr)	* MATH course restrictions:	
☐ MATH 445 (3cr)	• Excluding AMATH 301, 351, 352	
Probability (3 credits)	<ul> <li>Excluding MATH 397, 398, 399, 402, 403, 497, 498, 499</li> </ul>	
☐ MATH/STAT 394 (3cr) — Probability I	<ul> <li>No more than two special topic MATH courses numbered 380 or 480</li> </ul>	

## **Continuation Satisfactory Progress Policy**

To maintain good academic standing within the Department of Mathematics, students must maintain a minimum major GPA of 2.5 and earn a numerical grade of a 2.0 or higher in all courses that could be applied towards the Math major Teacher-Prep option 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 guarter.

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
Autumn 20	Winter 20	Spring 20	Summer 20
Credit Total	Credit Total	Credit Total	Credit Total

## Math Student Guide: <a href="https://math.washington.edu/math-student-guide">https://math.washington.edu/math-student-guide</a>

- 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)