



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. Always check your DARS report to ensure you have met all degree requirements.

Calculus Sequence (15 credits)

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

Admissions requirement: Students must earn a minimum of 2.0 in each of MATH 124, 125 and 126 with a 2.5 or higher average in all MATH courses. Completion of these requirements does not guarantee admission.

Mathematics Core (12 credits)

- MATH 300 (3cr) – Mathematical Reasoning
MATH 307 (3cr) – Differential Equations
MATH 308 (3cr) – Matrix Algebra

Teacher Requirement (12 credits)

Algebra: Intro to Modern Algebra with Applications

- MATH 411 (3cr)
MATH 412 (3cr)

Geometry: Intro to Geometries

- MATH 444 (3cr)
MATH 445 (3cr)

Probability (3 credits)

- MATH/STAT 394 (3cr) – Probability I

Statistics (4-5 credits)

- One of the following:
STAT 311 (5cr) – Elements of Stat Methods
STAT 390 (4cr) – Stat Methods in Engineering
QSCI 381 (5cr) – Intro to Probability & Stat

Major Electives (15 credits)*

- Upper-division courses in MATH, AMATH, or STAT; including PHYS 407/408/409. At least 6 credits must be from the MATH dept.

Four horizontal lines for listing major electives.

* MATH course restrictions:

- Excluding AMATH 301, 351, 352
MATH 309 or AMATH 353; not both
Excluding MATH 398, 399, 497, 498, 499
No more than two special topic MATH courses numbered 380 or 480

COURSE PLANNER

Continuation Policy

To maintain good academic standing within the Department of Mathematics, students must maintain a minimum major GPA of 2.5 and earn at a numerical grade of a 2.0 or higher in all courses used towards the Math Major – Teacher Prep requirements. Students must also complete at least one course towards the major requirements each quarter they enroll, with the exception of summer qtr.

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	

Course Registration Resources

When are MATH courses typically offered: math.washington.edu/annual-course-overview

Course descriptions & prerequisites: washington.edu/students/crscat/math.html

Registration Time Schedules: www.washington.edu/students/timeschd/

Undergraduate Special Topics MATH 380/480: math.washington.edu/special-offerings

Washington Experimental Mathematics Lab (WXML):
math.washington.edu/events/series/washington-experimental-mathematics-lab

Washington Directed Reading Program (WDRP): sites.uw.edu/wdrp/

Career Planning: math.washington.edu/career-planning