

Prerequisite Courses:	Grade
<input type="checkbox"/> STMATH 124 Calculus I _____	_____
<input type="checkbox"/> STMATH 125 Calculus II _____	_____
<input type="checkbox"/> STMATH 126 Calculus III _____	_____
<ul style="list-style-type: none"> Admissions Requirements: Students must have an average 2.5 GPA (3.0 recommended) in the prerequisite courses with a minimum 2.0 in each course. 	

General Education and Areas of Knowledge (+ courses count towards major prerequisites)

Writing Requirement – 15 credits	Natural World (NW) – 15 credits
<input type="checkbox"/> B WRIT 134 Composition or B WRIT 132 & 133	<input type="checkbox"/> +STMATH 124 Calculus I
<input type="checkbox"/> B WRIT 135 Research Writing	<input type="checkbox"/> +STMATH 125 Calculus II
<input type="checkbox"/> Course: _____	<input type="checkbox"/> +STMATH 126 Calculus III _____

Visual, Literary, Performing Arts (VLPA) – 15 credits	Individuals & Societies (I&S) – 15 credits
<input type="checkbox"/> Course: _____	<input type="checkbox"/> Course: _____
<input type="checkbox"/> Course: _____	<input type="checkbox"/> Course: _____
<input type="checkbox"/> Course: _____	<input type="checkbox"/> Course: _____

Quantitative & Symbolic Reasoning (QSR) – 5 cr	Diversity (DIV) – 3 credits
<input type="checkbox"/> +STMATH 124 Calculus I _____	<input type="checkbox"/> Course: _____

General Electives or Other Courses
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____

A W Sp Su 20__	A W Sp Su 20__	A W Sp Su 20__	A W Sp Su 20__
Course/Requirement	Course/Requirement	Course/Requirement	Course/Requirement
1	1	1	1
2	2	2	2
3	3	3	3
(4)	(4)	(4)	(4)

Applying to Mathematics

(Subject to change. Please check with your advisor)

How to Apply:

- Current UWB students can connect with the [math advisor](#) to set up an appointment about joining the math program.

When can a student declare the math major:

- Students can declare the math major when a student has completed and has a recorded grade for Calculus III. The student will be able to connect with the major advisor and work to declare the math major.

Important Program Information:

Proofs are an important part of the math program. Advanced math consists of abstract concepts and spending time in complex fields. In advanced math, logic is used to prove a statement rather than computationally solving for a variable. A proof is a mathematical argument of a statement that requires logic and reasoning to back up whether a statement is true or false. A general proof would contain information about what is already known, what is still currently unknown, and the main proof where different proofing techniques are used, such as contractions or element chasing. This is extremely important in math because our mathematical world consists of so many different numbers, including rational, real, and natural numbers, and proofs provide the experience to back up claims and understand the "why" behind so many mathematical claims.

Additional Courses to take (Courses are graduation requirements):

- CSS 142/CSSSKL 142 Computer Programming I
- B PHYS 121 Mechanics
- B PHYS 122 Electromagnetism & Oscillating Motion

Am I competitive?

- Admission to the Mathematics major is not competitive.
 - Prerequisites include Calculus 1, 2 and 3.
- Must have an average GPA of 2.5 in the three courses with no grade less than a 2.0.

Other Important Information for Applicants:

- Students with a 3.0 average GPA in the prerequisites tend to be more successful.
- All UW students must take 15 credits of Composition/Writing. Mathematics does not require specific writing coursework.