

Prerequisite Courses:	Grade:
<input type="checkbox"/> B CHEM 143/144 General Chemistry 1 (NSc)	_____
<input type="checkbox"/> B PHYS 121 Mechanics (NSc)	_____
<input type="checkbox"/> B PHYS 122 Electromagnetism & Oscillating Motion (NSc)	_____
<input type="checkbox"/> B ME 221 Statics	_____
<input type="checkbox"/> B ME 222 Mechanics of Materials	_____
<input type="checkbox"/> B ME 223 Dynamics	_____
<input type="checkbox"/> STMATH 124 Calculus I (NSc, RSN)	_____
<input type="checkbox"/> STMATH 125 Calculus II (NSc)	_____
<input type="checkbox"/> STMATH 126 Calculus III (NSc)	_____
<input type="checkbox"/> STMATH 224 Multivariable Calculus*	_____
<input type="checkbox"/> STMATH 207 Differential Equations*	_____
<input type="checkbox"/> B WRIT 134 Composition (C) or B WRIT 132 & 133 Composition Stretch I & II	_____
<ul style="list-style-type: none"> • A minimum 2.0 is required for all prerequisite courses (a 3.0 or higher is recommended and repeats suggested if more than one prerequisite course is below 3.0). • * Course may be in-progress at time of application. 	

General Education and Areas of Inquiry (AOI)

Writing Requirement – 15 credits	Natural Sciences (NSc) – 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"/> B ME 481 The Citizen Engineer (taken in major)	<input type="checkbox"/> B PHYS 121 Mechanics
Arts and Humanities (A&H) – 15 credits	Social Sciences (SSc) – 15 credits
<input type="checkbox"/> Discovery Core 1+ or Discovery Core 2+	<input type="checkbox"/> Discovery Core 1+ or Discovery Core 2+
<input type="checkbox"/> B ME 315 Intro to 3D Modeling (taken in major)	<input type="checkbox"/> B ME 481 The Citizen Engineer (taken in major)
<input type="checkbox"/> BIS 121 Intro to Drawing – strongly recommended	<input type="checkbox"/> B ENGR 494 Innovation and Design Capstone Design I (taken in major)
<i>*Students with 45 or more credits entering UWB can substitute any A & H or SSc course instead of Discovery Core.</i>	
Reasoning (RSN) – 5 credits	Diversity (DIV) – 3 credits
<input type="checkbox"/> STMATH 124 Calculus I	<input type="checkbox"/> B ME 481 The Citizen Engineer (taken in major)

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 Mechanical Engineering

(Subject to change. Please check with your advisor)

How to Apply:

- Current UWB students may use the on-line application at the [Mechanical Engineering Admissions web page](#).

Applications Dates: See [website](#) for deadlines

Number of prerequisites that can be in progress at the time of application:

- STMATH 207 and STMATH 224 are the only prerequisites that may be in progress at time of application. All prerequisite courses must be completed with a minimum 2.0 GPA prior to starting the program.

Am I competitive?

- The Math, Science, and Engineering prerequisite GPA average is a 3.5; overall GPA is similar. This is expected to go up for future admission cycles.

Application Recommendations:

- Repeats suggested if more than one prerequisite course is below 3.0.
- Your personal statement should be no longer than 650 words and answer both questions below:
 1. Describe one or two of your core values. Make sure to include an adequate description of experiences that have helped you form and test those values. In addition, please relate your core values to the values, mission, and vision of UW Bothell (www.uwb.edu/about/vision).
 2. Describe why you are interested in earning a mechanical engineering degree both in general and more specifically at UW Bothell (make sure to check out our program website: www.uwb.edu/mechanical). This description should include discussion of (1) any relevant life experiences you may have had (e.g. employment, internships, military service, volunteer work, campus or civic activities, etcetera) and (2) your anticipated career as a mechanical engineer.