



# MECHANICAL ENGINEERING

## Transfer Planning Worksheet

### MINIMUM UNIVERSITY ADMISSION REQUIREMENTS

- Minimum cumulative GPA: 2.0
- World Language
  - 2 quarters at the college level *or*
  - 2 years in high school
- Intermediate Algebra
  - Intermediate Algebra with a 2.0 in college *or*
  - 3 years of math in high school, including Intermediate Algebra
- English Proficiency (*if required*)  
*Please see detailed entry on back*

### PROGRAM REQUIREMENTS

- Minimum 2.0 GPA in each prerequisite course
- All prerequisites completed prior to the quarter applied

*Please note: ME is a capacity constrained major. Minimum grades in the prerequisite courses do not guarantee admission.*

### COMPETITIVE APPLICANTS

Applicants who are generally competitive to ME will have the following:

1. Prerequisite GPA of 3.5
2. Cumulative college GPA of 3.5
3. A positive grade trend with few to no repeats

### APPLICATION DEADLINE

[uwb.edu/admissions/dates](http://uwb.edu/admissions/dates)

#### Autumn Cohort

*\*All prerequisites must be complete by end of Spring quarter, except Diff Eq and Multivariable Calc which can be completed by end of Summer quarter*

#### Winter Cohort

*\*All prerequisites complete by end of Summer quarter, except Diff Eq and Multivariable Calc which can be completed by end of Autumn quarter*

The Bachelor of Science in Mechanical Engineering curriculum is designed to provide students not only solid fundamentals of mathematics and science, strong design and analysis skills of mechanical engineering, but also develop graduates who are conscientious citizens and aware of their ethical responsibilities in a global society.

The BSME curriculum emphasizes hands on experience, collaborative problem solving, and societal implications in the design, production, and implementation of mechanical and thermal fluid systems. Students are encouraged to engage in research, including areas such as biomedical engineering, robotic surgery, marine systems, advanced materials characterization, power/energy, and engineering policy.

For more information, visit: [uwb.edu/mechanical](http://uwb.edu/mechanical)

### MAJOR ADMISSION REQUIREMENTS

Applicants to ME must complete the following prerequisites:

Prerequisites	UW Equiv.	Transfer Course	Grade
English Composition	ENGL 131		
Calculus I	MATH 124		
Calculus II	MATH 125		
Calculus III	MATH 126		
Differential Equations	MATH 307		
Multivariable Calculus	MATH 324		
Engr Physics I (calc based)	PHYS 121		
Engr Physics II (calc based)	PHYS 122		
General Chem I (with lab)	CHEM 142		
Solid Mechanics I	AA 210		
Solid Mechanics II	CEE 220		
Solid Mechanics III	ME 230		
		<b>Prerequisite GPA:</b>	

## ENGLISH PROFICIENCY

Please complete one of the following:

### TOEFL/IELTS Option

	TOEFL	IELTS
Satisfies EP	<input type="checkbox"/> 83+	<input type="checkbox"/> 6.5+
Requires B WRIT in first 2 Quarters	<input type="checkbox"/> 76-82	<input type="checkbox"/> 6.0

NOTE: Scores valid for 2 years

### 90 Credit Option

- 90 transferable credits
- 2.75 min cum GPA
- 3.0 in UW ENGL 131 (*English Composition*)
- 3.0 in UW ENGL 141 (*Writing from Research*)

### Intensive English Program at UW Seattle Option

Must complete the following:

- Complete level 5 in IEP
- Contact [uwbintl@uw.edu](mailto:uwbintl@uw.edu) after taking the IEP Placement test

### High School Option

- 4 years of HS English (3.0+ in each) *and*
- SAT Evidence-Based Reading + Writing (560+) OR SAT CR (500+)

NOTE: scores valid for 5 years

Find out how courses from your Washington Community College will transfer to the UW Bothell:

Transfer Equivalency Guide:  
[admit.washington.edu/apply/transfer/equivalency-guide/](http://admit.washington.edu/apply/transfer/equivalency-guide/)

MyPlan:  
[myplan.uw.edu/transferplanner](http://myplan.uw.edu/transferplanner)

## UW AREA OF KNOWLEDGE (AOK)

All students are required to complete 15 credits in each AOK category upon graduation.

Note: Some areas will already be filled by major admission requirements:

VLPA (15 CREDITS)	CR.	NW (15 CREDITS)	CR.	I&S (15 CREDITS)	CR.
B ME 315 ( <i>program req</i> )	5	Calculus I	5	B ME 481 ( <i>program req</i> )	5
		Calculus II	5	B ME 482 ( <i>program req</i> )	5
		Calculus III	5		
TOTAL		TOTAL	15	TOTAL	

> Must be met with college-level courses

> Program prerequisites may double count in Area of Knowledge

**VLPA = Visual, Literary, and Performing Arts**  
*ex. art, literature, drama, speech, music, linguistics...*

**NW = Natural World**  
*ex. biology, chemistry, physics, math, geology,...*

**I&S = Individuals and Society**  
*ex. history, psychology, economics, philosophy,...*

## CONNECT WITH ADMISSIONS!

### > INFORMATION SESSION

To reserve your spot today, please visit our website: [uwb.edu/admissions/visit](http://uwb.edu/admissions/visit)

### > ADVISING APPOINTMENT

Meet with your Admissions Advisor to discuss the application process, prerequisites required for your major, and how to prepare to be a competitive candidate!

### > CAMPUS TOUR

Tours are led by current students who provide an "insider's" point of view and can answer any questions you may have about becoming a future Husky.

## CONTACT US:

425-352-5000  
[uwbinfo@uw.edu](mailto:uwbinfo@uw.edu)  
[uwb.edu/admissions](http://uwb.edu/admissions)



## NOTES: