

## Bachelor of Science in Mechanical Engineering

### Minimum Admissions Requirements

- MATH 1334 Calculus I
- MATH 1335 Calculus II
- MATH 1336 Calculus III
- MATH 2320 Linear Algebra
- MATH 2330 Multivariable Calculus
- MATH 2340 Differential Equations
- PHYS 1210/1211 Mechanics with Lab
- PHYS 1220/1221 Electricity & Magnetism with lab
- PHYS 1230/1231 Waves & Optics with lab
- MEGR 2100 Statics
- MEGR 2300 Dynamics
- CEEGR 2210 Mechanics of Materials
- CPSC 1420 Programming I
- CPSC 1430 Programming II
- Recommended minimum GPA: 2.75
- English proficiency (If Applicable)

*Please refer to back page for more info.*

### Recommended Coursework

- MEGR 1050 Engineering Graphics and Design
- Direct Transfer Associate's Degree (DTA) or AS-T and UCOR 1300 equivalent

The College of Science and Engineering is the STEM college at Seattle University, with more than a dozen majors spanning the fields of science, mathematics, computer science, and engineering. The College is dedicated to preparing students for responsible roles in their chosen professions and to advancing the educational qualifications of practicing professionals. Rooted in the Jesuit tradition of liberal education, the College seeks to foster among all Seattle University students an understanding of scientific inquiry and a critical appreciation of technological change, and to inspire them to lifelong intellectual, professional, and human growth.

### Preparing to Transfer

*Use the space below to help determine your eligibility.*

Prerequisites	SU Equivalent	Transfer Course	Grade
Calculus I	MATH 1334		
Calculus II	MATH 1335		
Calculus III	MATH 1336		
Linear Algebra	Math 2320		
Multivariable Calculus	Math 2330		
Differential Equations	Math 2340		
Mechanics with lab	PHYS 1210/1211		
Electricity & Magnetism with lab	PHYS 1220/1221		
Waves & Optics with lab	PHYS 1230/1231		
Statics	MEGR 2100		
Dynamics	MEGR 2300		
Mechanics of Materials	CEEGR 2210		
Programming I	CPSC 1420		
Programming II	CPSC 1430		

## University Core (UCOR) Requirements

### English Proficiency

Only required if English is not one of your first or native languages.

#### TOEFL/IELTS:

	TOEFL	IELTS
Satisfies EP	86 iBT	6.5
Requires ELCB	68 - 85 iBT	6.0

#### Duolingo

Satisfies EP	110
Requires ELCB	95-105

#### SAT: 500 in Evidence-Based Reading and Writing

#### ACT: 20+ in both reading and English

#### College coursework:

- 45 transferable quarter credits
- 3.0 in English Composition
- Minimum 3.0 cumulative GPA

More ways to meet the [English proficiency](#) requirement include the ELS, PTE scores, high school transcripts, bachelor's degrees, and more.

The Core curriculum is Seattle University's common undergraduate educational experience. The key elements of this curriculum are foundational knowledge in several relevant disciplines, critical inquiry, reflection on learning and values, and preparation for life as effective and ethical global citizens. It invites students into engaged learning about themselves, their communities, and the world. The Core is a thoughtfully designed, integrated curriculum created to help all SU students grow as scholars, as citizens, and as reflective and engaged whole persons, ready to make a difference in the world.

Students who complete an approved Associates degree (DTA) will be guaranteed junior standing (90 quarter transfer credits) upon admission to Seattle University, and 8 of the University Core requirements will be waived. The following three [Core](#) courses must be taken at SU or another Jesuit institution:

- UCOR 2100 Theological Explorations
- UCOR 2500 Philosophy of the Human Person
- UCOR 2900 Ethical Reasoning

### Connect with Admissions!

Find your [Transfer Counselor](#)

Attend a Transfer Event

[Tour Campus](#)

Attend an [Info Session](#)



Contact Us!

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