2024-2025	BS.MEGR - Bachelor of Science in Mechanical Engineering	Sample 2 Year Plan

The example below assumes that you enter Seattle University with junior standing (90 credits), have earned a transferable associate degree, and have successfully completed an equivalent to the following:

One quarter general chemistry, statics, dynamics, full year each of calculus and calc based physics, one quarter each of multivariable calculus, linear algebra, differential equations, MEGR 1890 or equivalent, and mechanics of materials.

Visit the Transfer Equivalency Guide on the Transfer Tools site for more information on how your credits may transfer to SU: https://www.seattleu.edu/registrar/transfer-tools/. Some courses not listed on the Transfer Equivalency Guide may still transfer to SU. For courses not found on this tool, compare course descriptions with SU's course catalog to determine equivalent courses at your college/university: http://catalog.seattleu.edu/

*This is a sample and not the only way to complete this plan. Number of credits are in parentheses. *Some classes have prerequisites.*

Year 1

Fall	Winter	Spring	Steps for Success
MEGR 1060* (1)	MEGR 3360* (4)	MEGR 3370* (4)	☐ Meet with your academic advisor quarterly for registration approval
MEGR 3210* (5)	MEGR 3710* (4)	MEGR 3240* (4)	☐ Meet with Industry Advisor
MEGR 3500* (5)	MEGR 3230* (4)	CEEGR 3020 (3)	☐ Apply for internships/research
MEGR 2810* (4)	MEGR 1050 (3)	MEGR 3890* (3)	☐ Attend networking events, seminars, and/or join a club

Year 2

Fall	Winter	Spring	Steps for Success
MEGR 4870* (3)	MEGR 4880* (4)	MEGR 4890* (3)	☐ Meet with your academic advisor and Industry Advisor ☐ Take FE exam in fall or winter ☐ Submit graduation plan and apply for graduation ☐ Apply for jobs/internships
MEGR 4350* (5)	MEGR 4380* (4)	MEGR Senior Elective* (3)	
MEGR Senior Elective or MEGR 4720* (3)	MEGR Senior Elective or MEGR 4210* (3)	Elective (3)	
UCOR Module II* (5)	UCOR Module II* (5)	UCOR Module II* (5)	

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University Core Requirements

UCOR classes are listed in the sample plan by what module is recommend. See below for UCOR course titles listed by Module. See my.seattleu.edu for prerequisites and www.seattleu.edu/core for course descriptions. Honors and Matteo Ricci students have different Core requirements.

Module I

UCOR 1100 Academic Writing Seminar
~~*UCOR 1200 Quantitative Thinking*~~ *(satisfied in major)*
UCOR 1300 Creative Expression & Interpretation
UCOR 1400 Inquiry Seminar in the Humanities
UCOR 1600 Inquiry Seminar in the Social Sciences
UCOR 1800 Inquiry Seminar in the Natural Sciences

Module II

UCOR 2100 Theological Explorations
UCOR 2500 Philosophy of the Human Person
UCOR 2900-2940 Ethical Reasoning

Module III

UCOR 3100 Religion in a Global Context
UCOR 3400 Humanities and Global Challenges
~~*UCOR 3600 Social Sciences and Global Challenges*~~ *(satisfied in major)*
UCOR 3800 Natural Sciences and Global Challenges

Important Major Information

- Credits in Major: 72
- Credits in UCOR: 15
- Elective Credits: 3
- Minimum Credits taken: 90
- Minimum Credits for Graduation: 180
- Minimum Cumulative GPA: 2.0
- Minimum Major GPA: 2.0 (some scholarships may require higher)

Resources for Success

- Map out your own plan through My.SeattleU.edu
- Meet with a Career Coach from the Career Engagement Center
- Sign up for academic support with Learning Assistance Programs
- Learn more about academic advising on the Advising Services page

Curriculum Notes

- * Asterisk denotes prerequisite(s) and corequisite(s)
- Students are required to take 6 credits of approved Mechanical Engineering Senior Electives
- Choose MEGR 4210: Thermodynamics II or MEGR 4720: Machine Design II
- Students without credit for MEGR 1890 and MEGR 2890 take additional credits of approved electives
- Fundamentals of Engineering (FE) examination is required for graduation
- As shown 90 credits including 3 credits of approved elective courses to get to 180
- Students can take graduate MSME courses at Seattle University in place of senior electives

SEATTLEU
COLLEGE OF SCIENCE AND ENGINEERING

Use MySeattleU Student Planning to plan your courses and work closely with your academic advisor on your educational plan. You are responsible for knowing information and tracking changes.
Contact your Advising Center for support.

Science & Engineering Advising
se-adv@seattleu.edu

Seattle U Advising Services
http://www.seattleu.edu/advising