Bachelor of Science in Mechanical Engineering

TYPICAL JUNIOR TRANSFER PROGRAM OF STUDY

2019-2020

DEGREE REQUIREMENTS

Credits: 180
Credits in major: 135
GPA cumulative minimum: 2.5
GPA major minimum: 2.5

CURRICULUM NOTES

- Choose MEGR 4210 – Thermodynamics II or MEGR 4720 – Machine Elements II
- Mechanical engineering senior electives vary from year to year and must be approved by department
- 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 6 credits approved elective courses to get to 180

The example below assumes that you have successfully completed the following prerequisites

Enter with Junior standing (90 credits)
Have earned a transferable Associate’s degree
One quarter general chemistry, MEGR 2100 Statics, MEGR 2300 Dynamics, full year each of calculus and calc based physics, one quarter each of multivariable calculus, linear algebra, differential equations, MEGR 1050 Engineering Graphics, MEGR 1810 Innovative Design, Mechanics of Materials.

Students with AST may have additional core requirements depending on community college coursework

Your personal program of study may vary from this due to prior educational experience or individual goals.

* Indicates prerequisite required for course  
C Indicates co-requisite required for course

For complete information on courses, pre-requisites, etc., use this information in conjunction with the online Catalog [http://catalog.seattleu.edu/](http://catalog.seattleu.edu/) for the current year.

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<th>FALL</th>
<th>SPRING</th>
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<tbody>
<tr>
<td>MEGR 1060 Machine Shop</td>
<td>MEGR 4870 Engineering Design I</td>
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<td>MEGR 3210 Thermodynamics</td>
<td>MEGR 4890 Engineering Design III</td>
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<tr>
<td>MEGR 3500 Materials Science</td>
<td>MEGR 4350 Dynamic Systems</td>
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<td>UCOR 2XXX</td>
<td>MEGR 4380 Control System</td>
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<td>UCOR 2XXX</td>
<td>Mechanical Engineering Senior Elective or MEGR 4720**</td>
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<td>UCOR 2XXX</td>
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CORE MODULE I REQUIREMENTS

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

CORE MODULE II REQUIREMENTS

- UCOR 3600 Soc. Sci Global Challenge - sat in degree

Science and Engineering Advising Center
206.296.2500, Engineering 300
8:30am – 4:30pm Monday - Friday
[http://www.seattleu.edu/scieng/advising/](http://www.seattleu.edu/scieng/advising/)

This is a sample plan that is subject to change. Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.

Updated 5/12/2019