## BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING CURRICULUM - 4 YEAR 2 COOP OPTION - CLASS OF 2020, 2021

### FALL

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2 (ME)</th>
<th>Year 3 (ME)</th>
<th>Year 4 (ME)</th>
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<tr>
<td>MATH1342 Calculus 2 for Engrs.</td>
<td>MATH2341 Diff. Eq./Lin. Alg.</td>
<td>MATH2340 Thermodynamics</td>
<td>ECE2210 Elect. Engineering</td>
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<td>MATH2336 Physics 2 for Engrs.</td>
<td>MATH2340 Lab for ME2345</td>
<td>ME4505 Meas. Anal. Thermal</td>
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<td>PHYS1155 Physics 1 Engrs.</td>
<td>PHYS1155 Material Science</td>
<td>ECE3450 ME Design</td>
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<td>ME4505 Elective</td>
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<td>GE 2355 Mech. of Materials</td>
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<td>GE 3200 Capstone Design 1</td>
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<td>GE 2356 Lab for ME2355</td>
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### SUMMER 1

- ME4505 Meas. Anal. Thermal
- ME4506 Lab for ME2345
- ME4507 Therm. Sys. Anal. Design
- ME4508 Elective
- ME4509 Capstone Design 2
- ME4510 ME Design

### SUMMER 2

- Vacation

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* ENGW3315 is an acceptable substitution for engineering majors.

** Science/Math Elective - Please consult with your academic advisor for the complete list of acceptable courses.

NUpath requirements Interpreting Culture (IC), Differences and Diversity (DD) and Societies and Institutions (SI) are not explicitly satisfied by required engineering courses. Students are responsible for satisfying these requirements, and if these are not fulfilled in engineering courses, should use General Electives to do so.

General Electives are academic, non-remedial, non-repetitive courses.

You will need to have Advanced Standing credit for MATH3411 - Calculus 1 – 4 SH. Please see your academic advisor.

Course sequence may be changed, subject to prerequisite requirements. Please consult with your advisor:

Last Names TBD Roy Dalsheim - r.dalsheim@northeastern.edu

Katherine Bradley - k.bradley@northeastern.edu

Laura Kenney - l.kenney@northeastern.edu

The registrar’s website provides a listing of degree requirements and the DARS system provides a degree audit utility for students.

### MASTER OF SCIENCE IN MECHANICAL ENGINEERING CURRICULUM

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<tr>
<th>FALL</th>
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<td>Graduate Course #7</td>
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<td>Graduate Course #6</td>
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*For more information about the PlusOne program or for assistance with applying to the program, please contact the Graduate Student Services Team at support@husky.desk-mail.com.*