<table>
<thead>
<tr>
<th>Year 1</th>
<th>16 hrs.</th>
<th>15 hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 151* Engineering Math I</td>
<td>4</td>
<td>MATH 151</td>
</tr>
<tr>
<td>MATH 152* Engineering Math II</td>
<td>4</td>
<td>MATH 151</td>
</tr>
<tr>
<td>PHYS 206* Mechanics Lab II</td>
<td>2</td>
<td>PHYS 206</td>
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<tr>
<td>MEEN 103 or 104 Comp. &amp; Rhetoric</td>
<td>3</td>
<td>ENGL 203 or 210</td>
</tr>
<tr>
<td>UCC Elective</td>
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<td>UCC Elective</td>
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<table>
<thead>
<tr>
<th>Year 2</th>
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<th>17 hrs.</th>
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<tbody>
<tr>
<td>MATH 152</td>
<td>3</td>
<td>MATH 152</td>
</tr>
<tr>
<td>ENGR 216* Mechanics</td>
<td>2</td>
<td>ENGR 216</td>
</tr>
<tr>
<td>PHYS 206* Physics for Engineers I</td>
<td>3</td>
<td>PHYS 206</td>
</tr>
<tr>
<td>MEEN 225* Engineering Mechanics</td>
<td>3</td>
<td>MEEN 225</td>
</tr>
<tr>
<td>CHEM 107/117 Gen. Chem. for Engineers</td>
<td>4</td>
<td>CHEM 107/117</td>
</tr>
<tr>
<td>UCC Elective</td>
<td>3</td>
<td>UCC Elective</td>
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</tbody>
</table>

<table>
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<tr>
<th>Year 3</th>
<th>16 hrs.</th>
<th>17 hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 251* Engineering Math III</td>
<td>3</td>
<td>MATH 251</td>
</tr>
<tr>
<td>MATH 152</td>
<td>3</td>
<td>MATH 152</td>
</tr>
<tr>
<td>ENGR 216* Mechanics</td>
<td>2</td>
<td>ENGR 216</td>
</tr>
<tr>
<td>PHYS 206* Physics for Engineers I</td>
<td>3</td>
<td>PHYS 206</td>
</tr>
<tr>
<td>MEEN 225* Engineering Mechanics</td>
<td>3</td>
<td>MEEN 225</td>
</tr>
<tr>
<td>CHEM 107/117 Gen. Chem. for Engineers</td>
<td>4</td>
<td>CHEM 107/117</td>
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<tr>
<td>UCC Elective</td>
<td>3</td>
<td>UCC Elective</td>
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</table>

<table>
<thead>
<tr>
<th>Year 4</th>
<th>16 hrs.</th>
<th>15 hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 251* Engineering Math III</td>
<td>3</td>
<td>MATH 251</td>
</tr>
<tr>
<td>MATH 152</td>
<td>3</td>
<td>MATH 152</td>
</tr>
<tr>
<td>ENGR 216* Mechanics</td>
<td>2</td>
<td>ENGR 216</td>
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<tr>
<td>PHYS 206* Physics for Engineers I</td>
<td>3</td>
<td>PHYS 206</td>
</tr>
<tr>
<td>MEEN 225* Engineering Mechanics</td>
<td>3</td>
<td>MEEN 225</td>
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<td>CHEM 107/117 Gen. Chem. for Engineers</td>
<td>4</td>
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<td>UCC Elective</td>
<td>3</td>
<td>UCC Elective</td>
</tr>
</tbody>
</table>

**UCC Elective Requirements**

- 6 credits of POLS 206 and 207
- 6 credits of American History**
- 3 credits of Creative Arts**
- 3 credits of Soc./Behavioral Sciences**
- 3 credits of Lang/Phil/Cult. - ENGR/PHIL 482

**6 credits of International, Cultural Diversity (ICD) can be dual shared by UCC electives - icd.tamu.edu

** Course meets University Writing requirement

**Course requires grade of C or better**

**Pre-Engineering Coursework**

- University Core Curriculum (UCC) general education electives
- Lab courses or courses with labs
- Required Prerequisite
- Preceded or accompanied by; co-requisite
- Number of course credits

**TOTAL CREDIT HOURS: 128**

Engineering.tamu.edu/mechanical
# Mechanical Engineering Suggested Graduation Timeline

Following are recommendations and a timeline of what is suggested by the Mechanical Engineering Advising Office for successful completion of a degree in 4 years.

## Freshman Year Expectations

**Curriculum:**
- Start and complete freshmen engineering coursework
- Apply to MEEN via Howdy at first opportunity

**MEEN Ambassadors:**
- MEEN Ambassadors available in 200 MEOB to answer questions regarding the Mechanical Engineering Department and curriculum.

**Student Responsibilities:**
- Attend Departmental Information Sessions
- Explore engineering majors
- Check own class schedule for conflicts, accuracy, or problems
- Know and use college & university resources*
- Begin exploring clubs and organizations**
- Begin researching minors, engr. certificates & career choices***
- Career Center & Resume
- Attend Engineering Career Fairs

**Get Involved:**
- College & other clubs/organizations**
- Pursue study abroad options
- Volunteer work
- Apply for Internship/Co-op
- Pursue research opportunities
- Pursue additional scholarships
- Career Center & Resume
- Attend Engineering Career Fairs
- Create and submit online degree plan
- Check degree evaluation for errors; discuss with advisor

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## Sophomore Year Expectations

**Curriculum:**
- Freshmen engineering completed
- Start MEEN core courses and finish math/physics courses with minimum of C grades
- Communication and UCC course electives

**Advisor:**
- Advisors available in 200 MEOB to assist with:
  - Degree evaluation corrections
  - Declaring minor or certificate
  - Study Abroad
  - Academic planning/big picture
  - UCC and tech elective suggestions***

**Get Involved:**
- College & other clubs/organizations**
- Pursue study abroad options
- Volunteer work
- Apply for Internship/Co-op
- Pursue research opportunities
- Pursue additional scholarships
- Career Center & Resume
- Attend Engineering Career Fairs
- Create and submit online degree plan
- Check degree evaluation for errors; discuss with advisor

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## Junior Year Expectations

**Curriculum:**
- MEEN Core courses: min. C grade
- ISEN 302, UCC courses
- Technical elective courses
- Minor or engineering certificate
- Review graduation requirements

**Advisor:**
- Advisors available in 200 MEOB to assist with:
  - Degree evaluation corrections
  - Declaring minor or certificate***
  - Study Abroad
  - Academic planning/big picture
  - UCC and technical elective suggestions***

**Get Involved:**
- College & other clubs/organizations; accept officer position**
- Study Abroad
- Volunteer work
- Apply/Complete Internship/Co-op
- Pursue research opportunities
- Pursue additional scholarships
- Career Center/Refine resume
- Attend Engineering Career Fairs
- Research post-graduate school options and take GRE
- Review FE exam materials over summer between junior/senior years
- Update and submit online degree plan
- Check degree evaluation for errors; discuss with advisor

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## Senior Year Expectations

**Curriculum:**
- Finish MEEN core courses; Technical electives & UCC courses
- Minimum 2.0 Cum. GPA to graduate
- Minimum 128 total credits
- Meet with advisor during semester prior to final semester to verify all graduation requirements are met
- Apply for graduation online in Howdy at beginning of final semester

**Advisor:**
- Advisors available in 200 MEOB to assist with:
  - Degree evaluation corrections
  - Clear degree candidates
  - Career/post graduate ideas
  - Recommendations

**Get Involved:**
- Update online grad plan
- Attend Engineering Career Fairs
- Apply and interview for long-term employment/sign contract
- Update Career Center on long-range plans
- Pursue post-graduate school options
- Turn over clubs/organizations responsibilities to underclass members; train as needed**
- Attend MEEN and TAMU graduation ceremonies
- Check degree evaluation for errors; discuss with advisor

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* 2018-2019 University Catalog - catalog.tamu.edu
MEEN curriculum and MEEN course descriptions

** MEEN Student Organizations
engineering.tamu.edu/mechanical/academics/student-orgs

*** MEEN Student Resources/Curriculum Details
engineering.tamu.edu/mechanical/current-students