# Texas A&M University - Mechanical Engineering

## 2017-2018 - Cat. #140

<table>
<thead>
<tr>
<th>Year</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1</strong></td>
<td>16 hrs.</td>
<td>ENGR 111* Foundations of Engr. I, MATH 151, MATH 151, MATH 152, PHYS 218, PHYS 218, PHYS 218, PHYS 218</td>
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<tr>
<td><strong>Year 2</strong></td>
<td>17 hrs.</td>
<td>MATH 251* Engineering Math III, MEEN 225* Engineering Mechanics, MEEN 222* Materials Science, PHYS 218, MATH 251, MATH 251</td>
</tr>
</tbody>
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**TOTAL CREDIT HOURS: 128**

**meen.tamu.edu**

| Name: _______________________________ |
| UIN: _______________________________ |

**UCC Elective Requirements**
- POLS 206, 207
- 6 credits of American History**
- 3 credits of Creative Arts**
- 3 credits of Social/Behavioral Sciences**

**Note:** 6 credits of International, Cultural Diversity (ICD) must be taken and can be fulfilled by these UCC electives.

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* Course requires grade of C or better.
# 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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* 2017-2018 University Catalog - catalog.tamu.edu
** MEEN Student Organizations engineering.tamu.edu/mechanical/academics/student-orgs
*** MEEN Student Resources/Curriculum Details engineering.tamu.edu/mechanical/current-students