1. REQUIRED GRADUATE LEVEL MATH OR STAT COURSE (CHOOSE 1 COURSE – 3 HRS)
   
   ☐ ANY 600 LEVEL GRADUATE MATH OR STATISTICS COURSE (EXAMPLE: MATH 601, STAT 601) OR
   ☐ MEEN 689 - Modeling & Analysis of Mechanical Systems **** Preferred & Recommended

2. CORE COURSES (CHOOSE 2 COURSES – 6 HRS OF THE FOLLOWING)
   
   ☐ MEEN 603 - THEORY OF ELASTICITY
   ☐ MEEN 607 - POLYMER PHYSICAL PROPERTIES OR
   ☐ MEEN 635 - FLOW AND FRACTURE OF POLYMERIC SOLIDS
   ☐ MEEN 608 - CONTINUUM MECHANICS
   ☐ MEEN 613 - ENGINEERING DYNAMICS
   ☐ MEEN 615 - ADVANCED ENGINEERING THERMODYNAMICS
   ☐ MEEN 617 - MECHANICAL VIBRATIONS
   ☐ MEEN 621 - FLUID MECHANICS
   ☐ MEEN 630 - INTERMEDIATE HEAT TRANSFER
   ☐ MEEN 651 - CONTROL SYSTEM DESIGN
   ☐ MSEN 601 - FUNDAMENTAL MATERIALS SCIENCE ENGINEERING

3. GRADUATE COURSES/ELECTIVES (7 COURSES – 21 HRS)
   
   ☐ CAN INCLUDE THE CORE COURSES LISTED ABOVE NOT ALREADY USED
   ☐ CAN INCLUDE UP TO 2 (6HRS) GRADUATE COURSES OUTSIDE OF MEEN IN THE COLLEGE OF ENGINEERING & SCIENCE
   ☐ CAN INCLUDE UP TO 2 (6HRS) OF UNDERGRADUATE SENIOR LEVEL (400 LEVEL) MEEN COURSES
   ☐ CAN INCLUDE UP TO FOUR (4) CREDIT HOURS OF MEEN 685 – DIRECTED STUDIES (INDEPENDENT STUDY)
   ☐ MEEN 684 - PROFESSIONAL INTERNSHIP (NO MORE THAN 3 CREDIT HOURS)

PROGRAM REQUIRED (PORTFOLIO)

TOTAL MINIMUM SEMESTER HOURS: 30

All Graduate Student Forms & Information can be found on the Office of Graduate & Professional Studies website at http://ogs.tamu.edu/incoming-students/student-forms-and-information/
## Steps to Fulfill Master’s Degree Requirements

**Note:** You must be continuously registered until all degree requirements have been met.

<table>
<thead>
<tr>
<th>Step</th>
<th>What to Do</th>
<th>When</th>
<th>Approved by</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Meet with departmental graduate advisor to plan course of study for first semester.</td>
<td>Before first semester registration</td>
<td>Graduate advisor</td>
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<tr>
<td>2</td>
<td>Graduate Program Director is your faculty advisor. Submit a degree plan through <a href="https://ogsdpss.tamu.edu/">https://ogsdpss.tamu.edu/</a></td>
<td>2nd Semester</td>
<td>Graduate Program Director</td>
</tr>
<tr>
<td>3</td>
<td>Apply for a degree online at the <a href="https://howdy.tamu.edu">Howdy portal</a>; pay graduation fee.</td>
<td>During the first week of final semester; pay graduation fee after graduate application is submitted; see OGAPS calendar</td>
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<tr>
<td>5</td>
<td>Submit Request for Exemption from Final Examination if GPA is 3.0 or above. Form available online at <a href="http://ogs.tamu.edu/incoming-students/student-forms-and-information/">http://ogs.tamu.edu/incoming-students/student-forms-and-information/</a></td>
<td>Must be received by OGAPS at least 10 working days before exam date (See OGAPS calendar for deadlines.)</td>
<td>Graduate Program Director/OGAPS</td>
</tr>
<tr>
<td>6</td>
<td>Graduation; arrange for cap and gown. <a href="https://howdy.tamu.edu">More information</a></td>
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