1. REQUIRED GRADUATE LEVEL MATH OR STAT COURSE (CHOOSE 1 COURSE – 3 HRS)

☐ MATH 601 OR 602 OR 603 OR STAT 601
☐ MEEN 689 - Modeling & Analysis of Mechanical Systems **** Preferred & Recommended
☐ ANY GRADUATE LEVEL MATH OR STATISTICS COURSE (WITH THE APPROVAL OF STUDENT’S DISSERTATION ADVISOR)

2. COURSES (5 ELECTIVE COURSES – 15 HRS)

☐ THESE COURSES MAY NOT INCLUDE: UNDERGRADUATE COURSES
☐ CHOOSE FROM ANY GRADUATE MEEN COURSE OR GRADUATE COURSE FROM THE COLLEGE OF ENGINEERING OR COLLEGE OF SCIENCE
☐ YOU MAY CHOOSE FROM ANY MEEN CORE COURSES (NOT ALREADY USED OR TAKEN PREVIOUSLY):

3. SEMINAR (2 COURSES – 2 HRS)

☐ MEEN 681 – SEMINAR (1 HOUR CREDIT)
☐ MEEN 681 – SEMINAR (1 HOUR CREDIT)

4. RESEARCH (MAX TOTAL: 44 HRS)

☐ MEEN 691 - RESEARCH

5. PROGRAM REQUIRED QUALIFYING EXAMS: 2 ATTEMPTS; MUST PASS 2 EXAMS

☐ MECHANICAL ENGINEERING OFFERS QUALIFYING EXAMS IN 9 AREAS:
☐ CONTROLS, DESIGN, FLUID MECHANICS, HEAT TRANSFER, METALS/CERAMICS, POLYMERS, SOLID MECHANICS, THERMODYNAMICS, AND VIBRATIONS
☐ A STUDENT MUST PASS 2 OF THE 9 AREAS
☐ A STUDENT IS ALLOWED A MAXIMUM OF 2 ATTEMPTS TO PASS EACH OF THE TWO EXAMS
☐ MUST SCORE A 70% OR HIGHER; SCORE BETWEEN 50%-70% WILL BE ASKED TO TAKE AN ORAL EXAM

PROGRAM REQUIRED ASSESSMENT PORTFOLIO

TOTAL MINIMUM SEMESTER HOURS: 64 (BEYOND M.S. DEGREE)

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/
# Doctoral Degree Requirements

**Steps to Fulfill Doctoral 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>
</thead>
<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>
</tr>
<tr>
<td>2</td>
<td>Establish advisory committee; submit your degree plan online.</td>
<td>Following the deadline imposed by the student's college and approved no later than 90 days prior to the preliminary exam.</td>
<td>Advisory committee, department head and OGAPS</td>
</tr>
<tr>
<td>3</td>
<td>Complete course work detailed on degree plan and ELP requirements (if applicable).</td>
<td>Before preliminary exam</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Submit checklist and the report of the Preliminary Exam.</td>
<td>Must be received by OGAPS 10 working days after exam date and at least 14 weeks prior to the final defense date</td>
<td>Advisory committee, department head and OGAPS</td>
</tr>
<tr>
<td>5</td>
<td>Submit proposal for dissertation or record of study.</td>
<td>No later than 20 working days prior to submission of the Request and Announcement of Final Examination</td>
<td>Advisory committee, department head and OGAPS</td>
</tr>
<tr>
<td>6</td>
<td>Complete residence requirement. (Check with your department to determine if there is a residency requirement.)</td>
<td>Before submitting request to schedule final oral examination</td>
<td>OGAPS</td>
</tr>
<tr>
<td>7</td>
<td>Apply for a degree online at the Howdy portal; pay graduation fee.</td>
<td>During the first week of the final semester; pay graduation fee after graduate application is submitted; see OGAPS calendar for deadlines</td>
<td>OGAPS</td>
</tr>
<tr>
<td>8</td>
<td>Submit request for permission to hold and announce final oral examination.</td>
<td>Must be received by OGAPS at least 10 working days before final exam date; see OGAPS calendar for deadlines.</td>
<td>Advisory committee, department head and OGAPS</td>
</tr>
<tr>
<td>9</td>
<td>Upload approved PDF file of the completed dissertation or record of study and submit signed approval page to the Thesis Office.</td>
<td>See OGAPS calendar for deadlines.</td>
<td>Advisory committee, department head and OGAPS</td>
</tr>
</tbody>
</table>

*Graduation; arrange for cap and gown. | More information*