

## MASTER OF SCIENCE COURSE PLANNING SHEET

(For planning purposes only – You will need to go to [Banner Student](#) to complete the MS program plan)

**A. COURSE SELECTION** (minimum of 9; minimum of 6 if accredited B.S. or B.E. program):

1. Applied Math (1 from 91 to 106, 200, 202, 205): \_\_\_\_\_
2. Engg. Breadth (minimum of 2 courses): \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_
3. Engg. Depth (minimum of 3 courses): \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**B. SCHEDULING** (residence for minimum of 3 terms, maximum of 7 terms):

<u>Year 1:</u>	Fall _____	Winter _____	Spring _____	Summer _____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
*Circle one	<u>296/297/298*</u>	<u>296/297/298*</u>	<u>296/297/298*</u>	<u>296/297/298*</u>
<u>Year 2:</u>	Fall _____	Winter _____	Spring _____	
_____	_____	_____	_____	
_____	_____	_____	_____	
	<u>296/297/298*</u>	<u>296/297/298*</u>	<u>296/297/298*</u>	

Requirements for the Master of Science degree are:

1. A minimum of three terms in residence after the bachelor’s degree.
2. A minimum of nine approved graduate courses beyond the Bachelors, with a minimum of 5 of those in engineering. For students whose prior preparation is an accredited B.S. or B.E. degree in engineering, the requirement is six beyond the Bachelors. A faculty advisor aids each student in developing a program, which is submitted to and approved by the Graduate Program Committee during the student’s first term of residence.
3. Satisfaction of the following distribution requirements:
  - (a) one applied mathematics course;
  - (b) minimum of two courses in engineering breadth;
  - (c) minimum of three courses in engineering depth.

Courses taken previously, e.g., as an undergraduate, can be used in satisfaction of the requirements, but do not reduce the total number of courses required unless admission is with advanced standing.

4. A thesis approved by the student’s thesis committee demonstrating a depth of knowledge in a specific field of engineering research or design. The thesis committee typically consists of three Dartmouth faculty

members from the student's program of study (including the thesis advisor); one of the three may be outside the program of study. Copyright to thesis will be held by the Trustees of Dartmouth College.

5. An oral defense of the thesis. A two-week notice of the defense is required – you must email a copy of the notice to the Thayer Registrar for distribution to the faculty and for posting.

A faculty advisor aids each student in developing a program, which is submitted to and approved by the Graduate Program Committee during the student's first term of residence.

**NOTE:**

Normally Master of Science candidates sign up for three courses per term:

- 1) two lecture courses and ENGG 296 – Graduate Research
- 2) one lecture course and ENGG 297 – Graduate Research
- 3) no lecture courses, sign up for ENGG 298 – Graduate Research.