



Department of Biomedical Engineering

**Plan of Study – Master of Science: Thesis/Project**

The Master of Science is a thesis- or project-based Master’s degree program.

1. Students must take 24 credits of coursework and 6 credits of thesis research or project distributed as listed below.
2. Students must fulfill 15 credits (from any department) of coursework in a Technical Depth area
3. Students must register for and complete at least one course in each of five Core Competencies (I. Mathematics; II. Life Science; III. Regulations and Controls; IV. Clinical Needs Analysis and Design; V. Value Creation, Innovation, Technology Commercialization).
4. Students must register for and attend two semesters of graduate seminar.
5. Students may use up to 3 credits of thesis or project credit toward their Technical Depth

**Student Name:** \_\_\_\_\_

**Degree Program:** \_\_\_\_\_

**Research Advisor or Project Academic Advisor (or list planned Lab Rotations below):**

\_\_\_\_\_

**Laboratory Rotations (if applicable)** Fall (Lab/PI): \_\_\_\_\_ Spring (Lab/PI): \_\_\_\_\_

**Technical Depth:** \_\_\_\_\_ **No. of credits:** \_\_\_\_\_

**Required Courses:**

**Biomedical Engineering Courses (Minimum Requirement: 12 Credits)**

Course Number and Name	Semester	Credits	Check if used Toward Technical Depth	Indicate Competency (I-V)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
		<b>Total</b>	_____	_____

**Elective Courses (Minimum Requirement: 12 Credits)**

Course Number and Name	Semester	Credits	Check if used Toward Technical Depth	Indicate Competency (I-V)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
		<b>Total</b>	_____	_____

**Thesis/Project (Minimum Requirement: 6 Credits)**

Course Number and Name	Semester	Credits	Check if used Toward Technical Depth	Indicate Competency (I-V)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
		<b>Total</b>	_____	_____

**Graduate Seminar (Minimum Requirement: 2 semesters)**

Course Number and Name	Semester	Credits	Check if used Toward Technical Depth	Indicate Competency (I-V)
<u>BME 591: Graduate Seminar</u>	_____	<u>0</u>	_____	_____
<u>BME 591: Graduate Seminar</u>	_____	<u>0</u>	_____	_____
		<b>Total</b>	<u>0</u>	_____