

MASTER OF ENGINEERING (M.Eng.) PROGRAM PLAN
Biomedical Engineering Track
 (To be submitted to the Registrar prior to enrollment)

Name: _____
 (Please Print)

Undergraduate College: _____ Degree: _____ Year: _____

Term of Entry into the M.Eng. Program: _____

A. COURSE SELECTION (Minimum of 9 courses if accredited B.S. or B.E. program):

Minimum of 5 courses from this core – ENGS 111, 160, 161, 162, 163, 165, 167, 169, 170, ENGG 129, 166, 168, 365:

--	--	--	--	--

Elective Courses: select four from any graduate level ENGS/ENGG course or suitable alternatives with advisor approval.

--	--	--	--

B. SCHEDULING (Show the 9 courses from above):

Term 1:	Term 2:	Term 3:

Signature of Student: _____ Date: _____

Signature of Advisor: _____ Date: _____

Action by the Graduate Program Committee:

Program Approved: _____ Date: _____
 Program Director

Master of Engineering (M.Eng.) – Biomedical Engineering Track

Requirements for the Master of Engineering degree are:

1. The M.Eng. program does not have a residency requirement, and does not require completion within a specified time frame. It is expected that most students will want to complete the program in three terms, taking three courses at a time. However, students who want to work on their M.Eng. over the course of a few years, taking one course at a time, for example, will also have the ability to enroll in the program.
2. The program's basic requirement consists of **nine** graduate-level courses total. **Five courses must be taken from the list below.** The remaining four elective courses may be chosen from any graduate level ENGS/ENGG course or suitable alternatives with advisor approval. Students who are not holders of an accredited engineering degree, will need to take the ENGS 89/90 course sequence. Upon being admitted in the program, students are to submit a M.Eng. Program Course Plan to the Program Director prior to enrolling.
3. Students enrolling in the M.Eng. program will not be allowed to transition to the M.E.M. program. Students enrolled in the M.S. or Ph.D. programs may not transition to the M.Eng. program, unless their faculty advisor initiates the request. Some students showing promise may be allowed to enroll into the M.S. or Ph.D. programs with the approval of the M.S.-Ph.D. Committee, and at the invitation of a faculty member willing to sponsor them.

Students must select five from this list of courses:

ENGS 111: Digital Image Processing
ENGG 129: Instrumentation and Measurement
ENGS 160: Biotechnology and Biochemical Engineering
ENGS 161: Microbial Physiology and Metabolic Engineering
ENGS 162: Methods in Biotechnology
ENGS 163: Advanced Protein Engineering
ENGS 165: Biomaterials
ENGG 166: Quantitative Human Physiology
ENGS 167: Medical Imaging
ENGG 168: Biomedical Radiation Transport
ENGS 169: Intermediate Biomedical Engineering
ENGS 170: Neuroengineering
ENGG 365 Advanced Biomaterials