BIOENGINEERING, MASTER OF ENGINEERING (M.ENG.)

Coursework/Non-thesis only: 30 credits required
This graduate program is an approved non-thesis program. The non-thesis option has been satisfied when all coursework has been completed.

All Professional Master of Engineering Programs consist of 10 courses/30 credits. All students are expected to complete a preliminary course plan for their intended degree program. Degree planning worksheets can be found here: https://advancedengineering.umd.edu/degree-planning-sheets (https://advancedengineering.umd.edu/degree-planning-sheets/)

Course	Title	Credits
Core Courses (Take Four):		12
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658M - Applied Mathematics in Bioengineering)	
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658R - Regulatory Affairs in Medical Product Development)	
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658E - Biomedical Device Developments)	
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658P - Physiology for Bioengineers)	
Preapproved Electives (Choose 3-6 courses):		18
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658D - Application of Biomaterials)	
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658G - Genome Editing and Synthetic Biology)	
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658A - Additive Manufacturing for Bioengineering Applications)	
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658Y - Applications of Tissue Engineering)	
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658W - Biosensor Techniques, Instrumentation, and Applications)	
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658L - Applications in Biopharmaceutical Engineering)	
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658F - Applications of Bioinformatics)	
BIOE658	Special Topics in Bioengineering (M.Eng.) (BIOE658N)	
ENPM808	Advanced Topics in Engineering	
Other technical electives (Maximum 3 courses) - See Plan for Options		
Total Credits		**30**

Contingent on availability of courses. Please see advisor for further details.