

BIOENGINEERING, POST-BACCALAUREATE CERTIFICATE (P.B.C.)

12 credits required

All Graduate Certificate in Engineering Programs consist of 4 courses/12 credits. All students are expected to complete a preliminary course plan for their intended degree program. Degree planning worksheets can be found here: <https://mage.umd.edu/degree-planning-sheets> (<https://mage.umd.edu/degree-planning-sheets/>)

| Course | Title | Credits |
|------------------------------------|--|-----------|
| Core Requirements | | |
| Select two of the following: | | 6 |
| BIOE651 | Applied Mathematics in Bioengineering | |
| BIOE654 | Physiology for Bioengineers | |
| BIOE658 | Special Topics in Bioengineering (M.Eng.) (BIOE658R) | |
| BIOE658 | Special Topics in Bioengineering (M.Eng.) (BIOE658E) | |
| Pre-approved Electives (Select 2): | | 6 |
| BIOE658 | Special Topics in Bioengineering (M.Eng.) (BIOE658D) | |
| BIOE658 | Special Topics in Bioengineering (M.Eng.) (BIOE658G) | |
| BIOE658 | Special Topics in Bioengineering (M.Eng.) (BIOE658A) | |
| BIOE658 | Special Topics in Bioengineering (M.Eng.) (BIOE658Y) | |
| BIOE658 | Special Topics in Bioengineering (M.Eng.) (BIOE658W) | |
| BIOE658 | Special Topics in Bioengineering (M.Eng.) (BIOE658L) | |
| BIOE658 | Special Topics in Bioengineering (M.Eng.) (BIOE658F) | |
| Total Credits | | 12 |

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