

Bioengineering

Graduate Certificate in Engineering: 12 credits / 4 courses

Students pursuing a Graduate Certificate in Engineering must complete the following courses:

Bioengineering Core (take TWO courses):	
BIOE658M	Applied Mathematics in Bioengineering (every Fall)
BIOE658R	Regulatory Affairs in Medical Product Development (every Fall)
BIOE658E	Biomedical Device Developments (every Spring, starting Spring 2021)
BIOE658P	Physiology for Bioengineers (every Spring)

Bioengineering Pre-approved Electives (choose TWO courses):	
BIOE658D	Application of Biomaterials (every odd Fall)
BIOE658G	Genome Editing and Synthetic Biology (every even Fall)
BIOE658A	Additive Manufacturing for Bioengineering Applications (Spring 2020 then every odd Spring)
BIOE658Y	Applications of Tissue Engineering (every even Spring)
BIOE658W	Biosensor Techniques, Instrumentation, and Applications (every Summer)
BIOE658L	Applications in Biopharmaceutical Engineering (every even Summer)
BIOE658F	Applications of Bioinformatics (every odd Summer)

KEY	
Online Option *	(offering information)
[Prerequisite course]	