

# MASTER OF ENGINEERING IN BIOMEDICAL ENGINEERING

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The overall objective of the Master of Engineering in Biomedical Engineering degree is to provide training relevant to professional employment in a biomedical engineering related field. The student must have a minimum 3.0/4.0 GPA in an engineering or science bachelor's program to be admitted. Candidates should have prior technical coursework that will provide proficiency in areas that are relevant to the field of biomedical engineering.

## Curriculum

Code	Title	Credit Hours
BME 533	Biostatistics	3
or BME 433	Biomedical Engineering Applications of Statistics	
or CHE 426	Statistical Tools for Engineers	
or MATH 425	Statistical Methods	
BME 553	Advanced Quantitative Physiology	3
or BME 453	Quantitative Physiology	
BME 522	Mathematical Methods in Biomedical Engineering	3
or BME 422	Mathematical Methods for Biomedical Engineers	
or CHE 439	Numerical and Data Analysis	
or CHE 535	Applications of Mathematics to Chemical Engineering	
Select three life science, advanced mathematics, computer science, and/or engineering courses		9
Select four engineering and/or computer science courses, of which at least three are BME courses		12
<b>Total Credit Hours</b>		<b>30</b>