



## **Remedial Course Requirements** for **Graduate Studies in Biomedical Engineering**

### Non-engineering academic background

In addition to the normal requirements for graduation, during your course of study at FIU you will be required to complete all of the following courses (or show evidence of prior successful completion of an equivalent course):

MAC 2311 Calculus I  
MAC 2312 Calculus II  
MAC 2313 Multivariable Calculus  
MAP 2302 Differential Equations  
CHM 1045 General Chemistry I  
CHM 1045L General Chemistry I Lab  
PHY 2048 Physics I w/ Calculus  
PHY 2048L General Physics I Lab  
BME 3032 Biomedical Engineering Transport  
EEL 3003 Electrical Engineering I  
EGM 3503 Applied Mechanics

### Non-biomedical academic background

In addition to the normal requirements for graduation, during your course of study at FIU you will be required to complete all of the following courses (or show evidence of prior successful completion of an equivalent course):

BME 3700 Engineering Analysis of Biological Systems I  
BME 3701 Engineering Analysis of Biological Systems II

**Department of Biomedical Engineering**  
College of Engineering

10555 W. Flagler Street, EAS 2610, Miami, FL 33199 • Tel: 305-348-6950 • Fax: 305-348-6954 • [www.bme.fiu.edu](http://www.bme.fiu.edu)