

MINOR IN BIOMEDICAL ENGINEERING

GW's Biomedical Engineering program is an innovative field that takes advantage of the unique combination of resources and opportunities through connections with GW's School of Medicine and Health Science and GWU Hospital. This program also has well-developed relationships with biotech industries and world-class laboratories in the D.C. metropolitan area. Students can choose from a broad range of disciplines such as biomechanics, electrical engineering, physiology, biology, and biotechnology. Students are well-prepared with what they learn in the classroom as well as with what they learn in specialty laboratories, internships, and design seminar. Whether students want to be a doctor, researcher, or clinician or work as a business partner to develop these technologies, the biomedical engineering degree will prepare students for their future career.

Visit the program website (<http://www.bme.seas.gwu.edu/programs-degrees/>) for additional information.

ADMISSIONS

For more information on the admission process, please visit the Office of Undergraduate Admissions website. Applications may be submitted via the Common Application.

Supporting documents not submitted online should be mailed to:
Office of Undergraduate Admissions
The George Washington University
800 21st Street NW, Suite 100
Washington DC 20052

Contact for questions:
gwadm@gwu.edu or 202-994-6040

REQUIREMENTS

Code	Title	Credits
Prerequisites		
The following courses must be completed before beginning the minor program:		
APSC 2113	Engineering Analysis I	
PHYS 1022	University Physics II	
Required		
BME 3820	Engineering Analysis of Neural, Muscular, and Cardiovascular Physiology	
ECE 2110	Circuit Theory	
ECE 2210	Circuits, Signals, and Systems	
Electives		

Two of the following:	
BME 4830	Introduction to Medical Imaging Methods
ECE 3220	Introduction to Digital Signal Processing
MAE 3128	Biomechanics I
MAE 4168	Introduction to Biomaterials
PHYS 3127	Biophysics: Macroscopic Physics in the Life Sciences
PHYS 3128	Biophysics: Microscopic Physics in the Life Sciences

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