

Biomedical Engineering

Minor Contact

- Statler College (Statler-StudentServices@mail.wvu.edu)

Minor Code - U142

The minor is open to all students with the prerequisite coursework, which includes:

Biology: BIOL 115/BIOL 115L OR (BIOL 101, BIOL 102, BIOL 101L, AND BIOL 102L)

Mathematics: MATH 155 and MATH 156. Students must also complete MATH 251 and MATH 261 for completion of minor.

Chemistry: CHEM 115/CHEM 115L and CHEM 116/CHEM 116L

The minor consists of 5-6 courses, totaling 16 hours.

Code	Title	Hours
Required Courses:		7
BMEG 201 or BIOM 425	Introduction to Biomedical Engineering Bioengineering	
Choose one of the following:		
BIOL 235 & BIOL 236	Human Physiology and Human Physiology: Quantitative Laboratory	
BIOL 117 & 117L	Introductory Physiology and Introductory Physiology Laboratory	
Electives:		9
Choose three of the following:		
BMEG 310	Biomedical Imaging	
BMEG 311	Biomaterials	
BMEG 340 or MAE 473	Biomechanics Bioengineering	
BMEG 480	Cellular Machinery	
BMEG 481	Applied Bio-Molecular Modeling	
BMEG 482	Introduction to Tissue Engineering	
Total Hours		16