

Minor in Biomedical Engineering

The Biomedical Engineering Minor provides students with an understanding of the fundamental principles that lead to scientific discovery and technology innovation in the bioengineering and biomedical fields. This minor will prepare engineering students to pursue graduate academic and professional careers serving a wide range of biomedical research and development.

Some majors may not be eligible to pair with this minor. See the Minor Restrictions (<https://catalog.erau.edu/programs/undergraduate/minors/restrictions/>) list for details.

Daytona Beach Minor Requirements

MECH 330	Fundamentals of Biomechanics	3
MECH 430	Biofluid Mechanics	3
MECH 431	Biosolid Mechanics	3
Choose Two of the Following:		6
BIOL 305	Human Anatomy and Physiology I	
BIOL 305L	Human Anatomy and Physiology Laboratory	
BIOL 306	Human Anatomy and Physiology II	
BIOL 306L	Human Anatomy and Physiology II Laboratory	
BIOL 405	Molecular and Cell Biology	
BIOL 405L	Molecular and Cell Biology Laboratory	
BIOL 440	Clinical Rotation	
CHEM 310	Biochemistry	
CHEM 310L	Biochemistry Laboratory	
HFCT 312	Ergonomics and Bioengineering	
HFCT 326	Human Performance in Extreme Environments	
HFCT 440	Aerospace Physiology	
Total Credits		15