

BIOMEDICAL ENGINEERING MINOR FOR NON-ENGINEERING MAJORS

Students who are NOT majoring in Chemical and Biomolecular Engineering or Engineering Physics may earn a Minor in Biomedical Engineering through completion of the following sequence of courses.

Requirements

Prerequisite Courses

Course ID	Title	Credits
MATH 1210	Calculus I	4
MATH 1220	Calculus II	4
MATH 2210	Calculus III	4
MATH 2240	Intro To Applied Math	4
CELL 1010	Intro to Cell & Molec Biology (or approved substitute)	3
PHYS 1310	General Physics I	4
PHYS 1320	General Physics II	4

Engineering Courses

Required of all Biomedical Engineering minors:

Course ID	Title	Credits
ENGP 1410	Statics	3
BMEN 2310	Product & Experimental Design	3

Select three of the following:

ENGP 2010	Electric Circuits	3
ENGP 2430	Mechanics of Materials	3
ENGP 3120	Materials Science and Engineering	3
BMEN 2020	Computing Concepts & Applic	3
BMEN 2730	Biomedical Electronics	3
BMEN 3440	Biofluid Mechanics	3

Select one of the following BMEN 3xxx "Domain" Courses:

BMEN 3932	Elements of BMEN Design	3
BMEN 3400	Biomaterials & Tissue Engineering	3
BMEN 3650	Biomechanics and Biotransport	3
BMEN 3730	Biomedical Signals and Systems	3

Total Credit Hours

18

Field of Study: BME

Contact

For more information, contact the School of Science and Engineering (<https://sse.tulane.edu/bme/contact-bme/>).