

# BIOMEDICAL ENGINEERING - UNDERGRADUATE MINOR

---

The Biomedical Engineering minor-of-study is a 20-credit hour program of study designed to accomplish two objectives:

1. Require courses in basic biology, anatomy, physiology to provide students a basic understanding of life and the design and mechanics/dynamics of the human body. Also required is the only biomedical engineering course taught on the NMSU campus.
2. Permit students to select from a wide range of elective courses (<https://chme.nmsu.edu/academics/minors/biomedical-engineering/>) (<https://chme.nmsu.edu/academics/minors/biomedical-engineering/>) numbered above 400 that emphasize engineering topics with application to the design and development of medical devices.

Prefix	Title	Credits
<b>Required Courses</b>		
CHME 481	Biomedical Engineering and Engineering Healthcare	3
BIOL 2110G & BIOL 2110L	Principles of Biology: Cellular and Molecular Biology and Principles of Biology: Cellular and Molecular Biology Laboratory	4
BIOL 353 or SPMD 2210/2210L or BIOL 2210	Pre-Professional Human Anatomy Anatomy and Physiology I Human Anatomy and Physiology I	4
BIOL 354 or SPMD 2225 or BIOL 2225	Physiology of Humans Anatomy and Physiology II Human Anatomy and Physiology II	3
Electives		6
<b>Total Credits</b>		<b>20</b>