Michigan Technological University
Minor in Biomaterials
Program Code EBMM Academic Year 2026-2027
Department of Biomedical Engineering
Minimum Credits Required: 18

This minor is not open to students majoring in Biomedical Engineering.

Required Course: 9 credits

- BE 2400 Cellular and Molecular Biology (3) *Prereqs: CH1150 and MA1121 or MA1160 or MA1161*
- BE 2700 Biomedical Signals & Systems (3) *Prereqs: CH1150, MA2160, ENG1102 and PH2100*
- BE 3800 Properties & Biointeractions of Materials: (3) *Prereqs: BE2800 or MSE2100*

Elective Courses, 9 credits minimum

- BE 3350 Human Biomechanics (3) *Prereqs: BE3300 or MEEM2110*
- BE 4300 Polymeric biomaterials (3) *Prereqs: BE3800*
- BE 4330 Biomimetic Materials (3) *Prereqs: BE3350 and BE3800*
- BE 4335 Smart Polymers (3) *Prereqs: BE3350 and BE3800*