

## Michigan Technological University

### Minor in Biomaterials

Program Code: EBMM, Academic Year 2019-20

Department of Biomedical Engineering

Total Credits Required: 18

#### Required Courses: 9 credits

Course	Credits
BE 2400 Cellular & Molecular Biology I (3)	
BE 2700 Biomedical Signals & Systems (3) <i>Prereq: CH1150, MA2160, ENG1102 and PH2100</i>	
BE 3800 Biomaterials II (3) <i>Prereq: BE2800 or MSE2100</i>	

#### Elective Courses: 9 credits, minimum

Course	Credits
BE 3350 Human Biomechanics (3) <i>Prereq: BE3300 or MEEM2110</i>	
BE 4300 Polymeric Biomaterials (3) <i>Prereq: BE3800</i>	
BE 4330 Biomimetic Materials (3) <i>Prereq: BE3350 and BE3800</i>	
BE 4335 Smart Polymers (3) <i>BE3350 and BE3800</i>	
BE 4800 Biomaterials Interfaces (3) <i>Prereq: BE3800</i>	