

Michigan Technological University

Minor in Applied Biomaterials

Program Code EBMM, Academic Year 2021-22

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 <i>Prereq: CH1150, MA2160, ENG1102 and PH2100</i>	3
BE 3800 Biomaterials II <i>Prereq: BE2800 or MSE2100</i>	3

Elective Courses: 9 credits minimum

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