



Student Name and ID Number \_\_\_\_\_

Required Courses: 9 credits	Credits
BE 2400 Cellular & Molecular Biology I (3)	
BE 2700 Biomedical Signals & Systems (3) <i>Prereq: CH1150, MA2160, ENG1102 and PH2100</i>	
BE 4230 Stem Cell and Tissue Engineering (3) <i>Prereq: BE2400, BE3350, BE3800</i>	

Elective Courses: 9 credits, minimum	Credits
BE 3350 Human Biomechanics (3) <i>Prereq: BE3300 or MEEM2110</i>	
BE 3800 Biomaterials II (3) <i>Prereq: BE2800 or MSE2100</i>	
BE 3400 Laboratory Techniques for BME (2) <i>Prereq: BE2800 or MSE2100</i>	
BE 4200 Cellular & Molecular Biology II (3) <i>Prereq: BE2400</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>Prereq: BE3350 and BE3800</i>	
BE 4350 Cell Biomechanics & Mechanical Transduction (3) <i>Prereq: BE2400 and BE3350 and BE3800</i>	
BE 4510 Cardiovascular Engineering (3) <i>Prereq: BE2400</i>	
BE 4800 Biomaterials Interfaces (3) <i>Prereq: BE3800</i>	
BE 4850 Tissue Mechanics (3) <i>Prereq: BE3350</i>	
<b>Total Credits Required = 18</b>	

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Academic Advisor Signature \_\_\_\_\_ Date \_\_\_\_\_