

Name: _____

ID Number: _____

Matriculation: _____
(Semester & Year)

Core Curriculum – 4 Courses

	Term Taken	Grade
Molecular Biotechnology or Molecular Biology (1 Course – Choose One)		
<input type="checkbox"/> BME 0162/CHBE 0162/BIO 0162 – Molecular Biotechnology		
<input type="checkbox"/> BIO 0105 – Molecular Biology		
Bioengineering Seminar (4 Credits)		
BIOE 0291 - Masters in Bioengineering Seminar I (2 Credits)		
BIOE 0292 - Masters in Bioengineering Seminar II (2 Credits)		
Mathematics (1 Course – Choose One)		
<input type="checkbox"/> EE 0104 – Probabilistic Systems Analysis		
<input type="checkbox"/> CHBE 0170 – Design of Experiments		
<input type="checkbox"/> BME 0143 – Biological Systems Analysis		
Breadth Requirement (1 Course)		
One Elective Course from Another Track within the Bioengineering Program		

Biomechanical Systems and Devices Track Requirements – 6 Courses

	Term Taken	Grade
Mechanical Engineering Core (2 Courses – Choose Two)*		
<input type="checkbox"/> ME 0150 – Thermal-Fluid Transport I (ME Core 1A)		
<input type="checkbox"/> ME 0151 – Thermal-Fluid Transport II (ME Core 1B)		
<input type="checkbox"/> ME 0120 – Solid Mechanics (ME Core 2A)		
<input type="checkbox"/> ME 0110 – Manufacturing Processes and Material Technologies (ME Core 2B)		
<input type="checkbox"/> ME 0130 – Digital Control of Dynamic Systems (ME Core 3A)		
<input type="checkbox"/> ME 0121 – Advanced Dynamics (ME Core 3B)		
Track Electives (3 Courses – Choose Three)		
<input type="checkbox"/> BME 0175 – Tissue Engineering Research Laboratory		
<input type="checkbox"/> CEE 0194N – Soft Tissue Biomechanics		
<input type="checkbox"/> CHBE 0204 – Advanced Transport Phenomena		
<input type="checkbox"/> ENP 0210 – Human Factors of Medical Systems		
<input type="checkbox"/> ME 0146 – Micro-fabrication and Design		
<input type="checkbox"/> ME 0171 – Advanced Data Acquisition		
<input type="checkbox"/> ME 0117 – Biomaterials		
<input type="checkbox"/> ME 0177 – Finite Element Analysis		
<input type="checkbox"/> ME 0123 – Biomechanics		
<input type="checkbox"/> ME 0134 – Robotics		
<input type="checkbox"/> ME 0253 – Viscous Flows		
Project or Professional Development (3 Credits – Choose One)		
<input type="checkbox"/> Any 3 credit 0200 Level Engineering Management (EM) Course		
<input type="checkbox"/> ME 0294 – Master’s of Engineering Project		

**The ME cores are designed to be taken in pairs, but it is NOT required that you take both courses in one core for the Bioengineering Program.*