

Name: \_\_\_\_\_

ID Number: \_\_\_\_\_

Matriculation: \_\_\_\_\_  
(Semester & Year)

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

<b>Biomechanical Systems and Devices Track Requirements – 6 Courses</b>	<b>Term Taken</b>	<b>Grade</b>
<b>Mechanical Engineering Core (2 Courses – Choose Two)*</b>		
<input type="checkbox"/> ME 0111 – Thermal-Fluid Transport I (ME Core 1A)		
<input type="checkbox"/> ME 0112 – Thermal-Fluid Transport II (ME Core 1B)		
<input type="checkbox"/> ME 0122 – Solid Mechanics (ME Core 2A)		
<input type="checkbox"/> ME 0125 – Manufacturing Processes and Material Technologies (ME Core 2B)		
<input type="checkbox"/> ME 0180 – Digital Control of Dynamic Systems (ME Core 3A)		
<input type="checkbox"/> ME 0181 – Advanced Dynamics (ME Core 3B)		
<b>Track Electives (2 Courses – Choose Two)</b>		
<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 0103 – MEMS		
<input type="checkbox"/> ME 0118 – Advanced Data Acquisition		
<input type="checkbox"/> ME 0121 – Biomaterials		
<input type="checkbox"/> ME 0129 – Finite Element Analysis		
<input type="checkbox"/> ME 0152 – Biomechanics		
<input type="checkbox"/> ME 0184 – Robotics		
<input type="checkbox"/> ME 0265 – Viscous Flows		
<b>Thesis (6 Credits)</b>		
ME 0295 – Master’s Thesis (Semester 1)		
ME 0296 – Master’s Thesis (Semester 2)		

*\*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.*