

**MASTER of SCIENCE GRADUATE PLAN OF WORK for Biomechatronics**

On this page list your proposed program in chronological order. Be sure to show a total of at least 30 hours. If this represents an accelerated BS/MS program, mark double counted courses (ABM) and any other graduate courses taken during the undergraduate program (UG).

\* Electives may be replaced with other courses.

<b>COURSES</b>				
<b>21 hours coursework required, maximum 6 hours 695</b>				
<b>Course Prefix/Number</b>	<b>Major Track (EE, CPE)</b>	<b>Credits</b>	<b>Semester</b>	<b>Grade</b>
ECE 513 DSP	EE	3	F1	
ECE 516 Sys. Cont. Eng.	EE	3	F1	
BME 541 Biomechanics	EE	3	F1	
ECE 555 Comp. Cont. of Robots	EE	3	S1	
ECE 535 Des. Of Electromech. Sys.	EE	3	S1	
ECE 561 Emb. Sys. Des.	EE	3	S1	
ECE 556 Agent Based Mechatronic Sys.	EE	3	F2	
*BME 590B Biosensors	BME	3	F2	
ECE 755 Adv. Robotics	EE	3	F2	
ECE 763 Comp. Vision	EE	3	F2	

<b>Other Courses</b>				
<b>Course Prefix/Number</b>	<b>Minor – check if minor area</b>	<b>Credits</b>	<b>Semester</b>	<b>Grade</b>
*BME 525 Bioelectricity	BME	3	S	
*ECE/BME 522 Med. Inst.	ECE/BME	3	F	