

**MASTER of SCIENCE GRADUATE PLAN OF WORK for Biomimetic Systems (Electromagnetics)**

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 511 Analog Elec.	EE	3	F1	
ECE 546 VLSI Sys. Des.	EE	3	F1	
ECE 540 Electromagnetic Fields	EE	3	S1	
BME 525 Bioelectricity	BME	3	S1	
*ECE 733 Digital Electronics	EE	3	S1	
ECE 792X IC Des. for Wireless Comm.	EE	3	F2	
ECE 549 RF Design Wireless	EE	3	F2	
ECE 703 Bioelectronic Circuits	EE	3	F2	
*MA 587 Finite Elt PDE	MA	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>
*MA 591E SPTP-DE Models Bio	MA	3	F	
*MA 771 Biomath. I	MA	3	F	
*MA 772 Biomath. II	MA	3	S	
*MA 780 Num. Anal. I	MA	3	F	
*MA 785 Num. Sol. Ord. DiffEq	MA	3	F	