

MASTER of SCIENCE GRADUATE PLAN OF WORK for Bioinstrumentation

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.

COURSES				
21 hours coursework required, maximum 6 hours 695				
Course Prefix/Number	Major Track (EE, CPE)	Credits	Semester	Grade
ECE 511 Analog Elec.	EE	3	F1	
ECE 516 Sys. Cont. Eng.	EE	3	F1	
ECE/BME 522 Med. Inst.	EE	3	F1	
ECE 523 Photonics	EE	3	S1	
BME 525 Bioelectricity	BME	3	S1	
ECE 561 Emb. Sys. Des.	EE	3	S1	
BME 590B Biosensors	EE	3	F2	
ECE 703 Bioelectronic Circuits	EE	3	F2	
*ECE 555 Comp. Cont. of Robots	EE	3	S2	
ECE 742 Neural Networks	EE	3	S2	

OTHER Courses				
Course Prefix/Number	Minor – check if minor area	Credits	Semester	Grade
*BMME 550 Med. Imag. I		3	S	
*BMME 560 Med. Imag. II		3	F	
*BME 590I Med. Imag.		3	F	
*ECE 759 Patt. Recog.		3	S	
*ECE 763 Comp. Vision		3	F	