



Total Credits =150

Legend	Professional Electives:	Professional Electives from other departments can be taken with approval of faculty advisor
Math	Biomedical	Digital & Computer Systems
Comp Science	EEEE-630 Biomedical Instrumentation	EEEE-620 Design of Digital Systems*
Physics	EEEE-631 Biomedical Sensors & Transducers I	EEEE-621 Design of Computer Systems*
Chemistry	Communications	Electromagnetic Microwaves and Antenna
Liberal Arts	EEEE-692 Communication Networks	EEEE-617 Microwave Circuit Theory
Elect Engr	EEEE-693 Digital Data Communications	EEEE-629 Antenna Theory & Design
FYE	EEEE-694 Sens Array Proc for Wireless Comm	EEEE-605 Modern Optics for Engineers
Graduate	Control/RoboticsSystems	MEMS
Open Elective	EEEE-647 Artificial Intelligence	EEEE-689 Fundamentals of MEMS
Co-op	EEEE-685 Principles of Robotics*	EEEE-787 MEMS Evaluation
Course Name	EEEE-636 Biorobotics & Cybernetics*	Signal Processing
Course #	Devices and Integrated Circuits	EEEE-678 Digital Signal Processing
Semesters	EEEE-610 Analog Electronic Design	EEEE-694 Sens Array Proc for Wireless Comm
* Indicates lab included	EEEE-683 Mechatronics	EEEE-695 Optimization Methods for Engineers
Prerequisites	NOTES	
Definitions	**EEEE-602 is NOT required for Digital Systems, MEMS, and Integrated Electronics focus areas	
Course	Refer to your advisement report in SIS for a full list of professional electives	
Prerequisites		
Prerequisite		

Co-op Requirements: 40 Weeks
 EEEE-499:
 Summer after 2nd year and Fall of 3rd year
 Summer after 3rd year OR Summer after 4th year