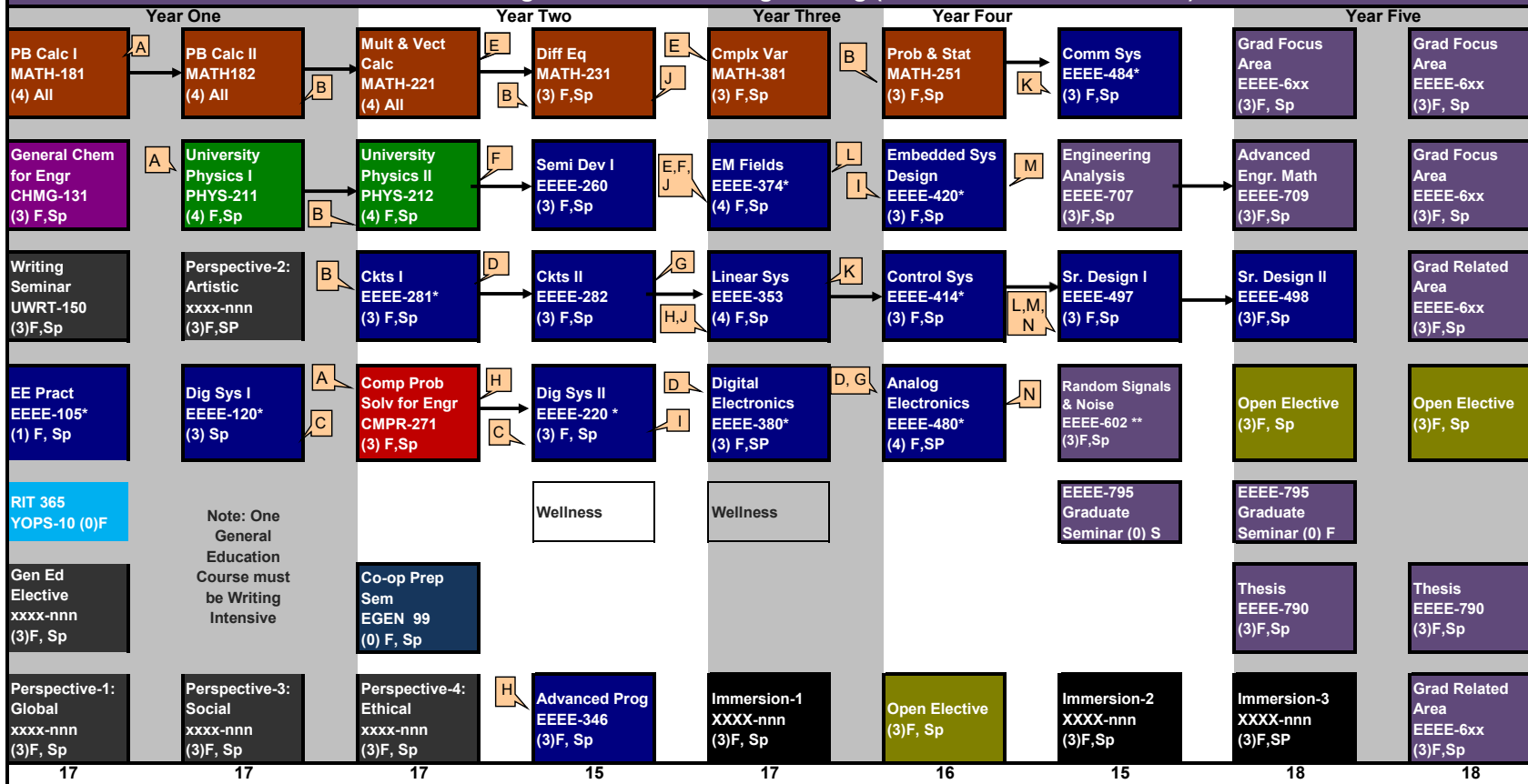


RIT BS/MS Program in Electrical Engineering (Final Release FS 2/10/2022)



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