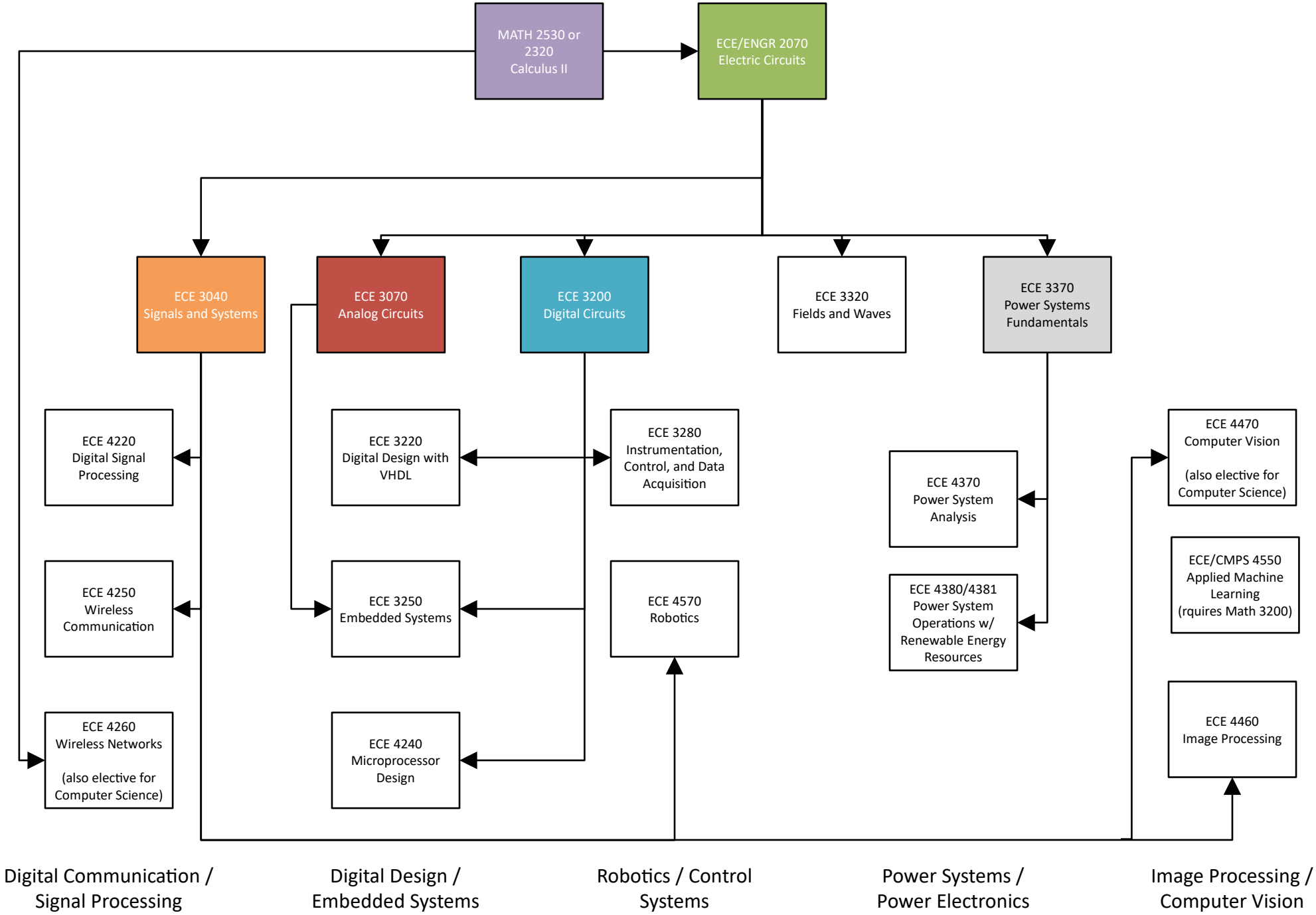
Electrical Engineering

Year 1 Fall 16 units	Year 1 Spring 16 units	Year 2 Fall 15 units	Year 2 Spring 14 units	Year 3 Fall 14 units	Year 3 Spring 12-15 units	Year 4 Fall 13-16 units	Year 4 Spring 14-19 units
ECE/ENGR 1618 Introduction to Engineering I (also GE First Year Seminar)	ECE/ENGR 1628 Introduction to Engineering II (also GE First Year Seminar)				ECE 3370 Power Systems Fundamentals	ECE Elective 1 Selected from List	ECE Elective 2 Selected from List
CMPS 2010 Programming I	CHEM 1000 General Chemistry (also requires Pre-calculus I or higher)		ECE/ENGR 2070 Electric Circuits	ECE 3200 Digital Circuits	ECE 3230 Digital Communication	ECE 3320 Fields and Waves	ECE Elective 3 Selected from List
				ECE 3040 Signals and Systems			ECE 3340 Control Systems
		PHYS 2220 Physics II					
	PHYS 2210 Physics I (substitutes for GE Area B1/B3)	MATH 2610 Linear Algebra			ECE 3070 Analog Circuits	ECE 4910 Senior Project I	ECE 4928 Senior Project II (also GE Capstone)
MATH 2510 or 2310 Calculus I (substitutes for GE Area B4)	MATH 2520 or 2320 Calculus II	MATH 2533 Calculus III	MATH 3200 Probability Theory				
GE Area A1 Oral Communication	GE Area C1 Arts (some courses have SELF overlay)	GE Area F Ethnic Studies	GE Area C2 Humanities (some courses have SELF overlay)	GE AI Government	GE SELF (if needed, recommend to take Area C overlay course instead)	GE UD Area C PHIL 3318 Professional Ethics required	
GE Area A2 Written Communication			GE American Institutions (AI) US History	GE Junior Year Diversity Reflection (JYDR) (some courses have GWAR overlay)		Graduate Writing Assessment Requirement (GWAR) Pass class or exam	Additional Units (if needed to reach 120 overall units)



Electrical Engineering Electives