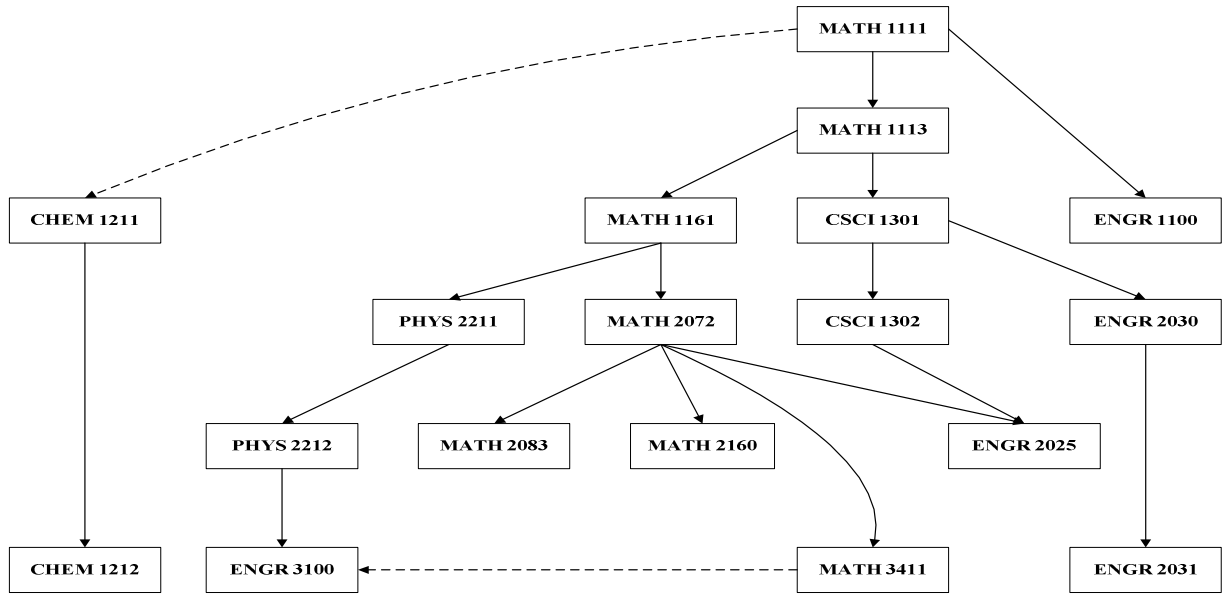


## Electrical & Computer Engineering - Typical First Two Years (4 semesters)



- - - -> Dotted arrows are co-requisites

First Year - Fall		
Course Number	Course Title	Credit Hours
CHEM 1211	Chemistry I	3
CHEM 1211L	Chemistry I Lab	1
CSCI 1301	Programming Principles I	3
ENGL 1101	Composition & Rhetoric	3
ENGR 1100	Introduction to Engineering	3
MATH 1161	Calculus I	4

First Year - Spring		
Course Number	Course Title	Credit Hours
CSCI 1302	Programming Principles II	3
ENGL 1102	Composition & Literature	3
ENGR 2030	Introduction to Computer Engineering	3
MATH 2072	Calculus II	4
PHYS 2211	Physics I (calculus based)	3
PHYS 2211L	Physics I Lab	1

Second Year - Fall		
Course Number	Course Title	Credit Hours
ENGR 2025	Introduction to Signal Processing	4
MATH 2083	Calculus III	4
MATH 2160	Applied Linear Algebra	3
PHYS 2212	Physics II (calculus based)	3
PHYS 2212L	Physics II Lab	1
	Humanities, Social Science, or PE	3

Second Year - Spring		
Course Number	Course Title	Credit Hours
CHEM 1212	Chemistry II	3
CHEM 1212L	Chemistry II Lab	1
ENGR 2031	Digital Design Laboratory	2
ENGR 3100	Circuit Analysis	3
MATH 3411	Differential Equations	3
	Humanities, Social Science, or PE	3

\*Computer Engineers should also take CSCI 2410 Data Structures & Algorithms