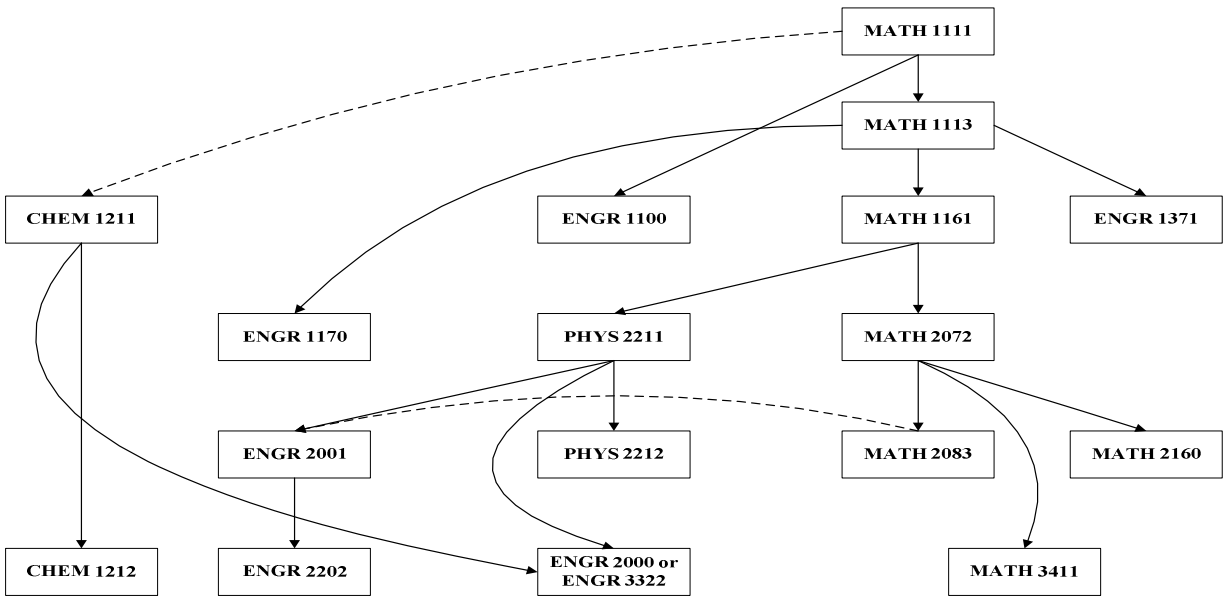


## Civil Engineering - Typical First Two Years (4 semesters)



--> 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
ENGR 1371	Computing for Engineers	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
ENGL 1102	Composition & Literature	3
ENGR 1170/1170L	Engineering Graphics & Lab	3
MATH 2072	Calculus II	4
PHYS 2211	Physics I (calculus based)	3
PHYS 2211L	Physics I Lab	1
	Humanities, Social Science, or PE	3

Second Year - Fall		
Course Number	Course Title	Credit Hours
ENGR 2001	Statics	3
MATH 2083	Calculus III	4
PHYS 2212	Physics II (calculus based)	3
PHYS 2212L	Physics II Lab	1
	Engineering or Biology or Linear Algebra*	3-4
	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 2202	Dynamics	3
MATH 3411	Differential Equations	3
	Engineering or Biology or Linear Algebra*	3-4
	Humanities, Social Science, or PE	3

\*Engineering courses: ENGR 3322 Thermodynamics or ENGR 2000 Materials or  
 Biology course: BIOL 1107 Principles of Biology I or MATH 2160 Linear Algebra