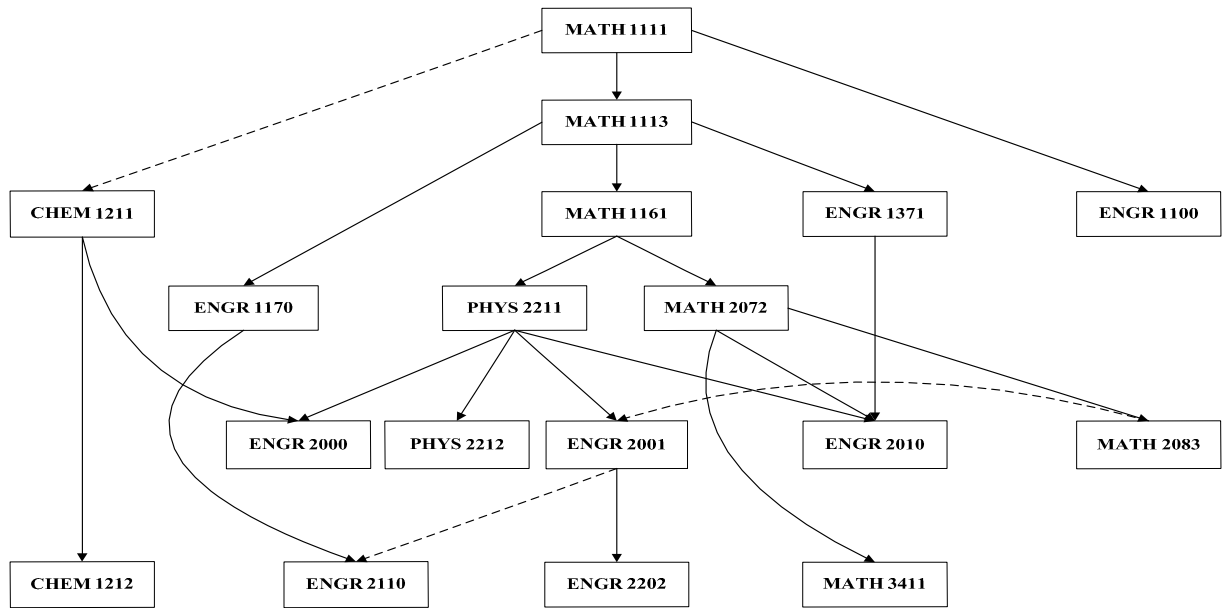


Mechanical Engineering - Typical First Two Years (4 semesters)



- - -> 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 2000 | Materials | 3 |
| ENGR 2001 | Statics | 3 |
| ENGR 2010 | Computing Techniques | 3 |
| MATH 2083 | Calculus III | 4 |
| PHYS 2212 | Physics II (calculus based) | 3 |
| PHYS 2212L | Physics II Lab | 1 |

| Second Year - Spring | | |
|-----------------------------|-----------------------------------|--------------|
| Course Number | Course Title | Credit Hours |
| CHEM 1212 | Chemistry II | 3 |
| CHEM 1212L | Chemistry II Lab | 1 |
| ENGR 2110 | Creative Decisions & Designs | 3 |
| ENGR 2202 | Dynamics | 3 |
| MATH 3411 | Differential Equations | 3 |
| | Humanities, Social Science, or PE | 3 |

*Need to pick up MATH 2160 Applied Linear Algebra