

Recommended Sequence of Courses for the 3 + 2 Mechanical Engineering Major

Freshman Year			
	Fall		Spring
English Composition I	3	English Composition II	3
College Foundations	2	Programming Fundamentals	2
Computers & Technology	3	Object Oriented Programming	2
College Algebra & Trig * (or Chemistry I)	4	Calculus I	4
Engineering Graphics I	3	Engineering Graphics II	3
Industrial Manufacturing Processes	3	Materials & Processes	3
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	18		17
Sophomore Year			
	Fall		Spring
College Physics I	5	College Physics II	5
Calculus II	4	Differential Equations	4
Art/Music/Theatre	3	Statics	3
HIST/Comparative Religion	3	Arts & Society	3
Quaker Values	1	Principles of Communication	3
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	16		18
Junior Year			
	Fall		Spring
Mathematical Statistics	3	Calculus III	4
Dynamics	3	Mechanics of Materials	3
Chem I, if not above	4	Numerical Analysis Methods	3
Econ/PSYC/SOCI	3-6	Comparative Religion/HIST	3
Thermodynamics	3	Contemporary Leadership	3
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	16-17		-----
			16-18

* placement depending on ACT score or AP/dual credit from high school