

**Recommended Sequence of Courses for the 3 + 2 Industrial Engineering Major**  
Beginning fall 2018

Freshman Year			
Fall		Spring	
English Composition I	3	English Composition II	3
College Foundations	2	Algorithms & Programming (Java)	4
Computers & Technology	3	Calculus I	4
College Algebra & Trig *	4	Engineering Graphics II	3
(or Chemistry I)		Materials & Processes	3
Engineering Graphics I	3		-----
Industrial Materials Processing	3		17
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	18		

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	
APCS/INDU elective / Accounting	3	Calculus III	4
Microeconomics	3	Numerical Analysis Methods	3
Chem I, if not above	4	Sociology of Contemporary Issues	3
Comparative Religion/HIST	3	Contemporary Leadership	3
Thermodynamics	3	APCS/INDU elective	3
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	16		16

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