

## Recommended Sequence of Courses for the 3 + 2 Civil Engineering Major

Beginning fall 2021

Freshman Year

Fall		Spring	
College Foundations	2	English Composition I or II	3
Intro to Engineering	1	Intro to Programming (python)	2
Computers & Technology	3	Object-Oriented Programming	2
College Algebra & Trig *	4	Calculus I	4
(or leadership core)	3	Engineering Graphics II	3
Engineering Graphics I	3	Chemistry II	4
Chemistry I	4		-----
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	17/16		

Sophomore Year

Fall		Spring	
College Physics I	5	College Physics II/Env Bio+	5/3
Calculus II	4	Calculus III	4
Comp II/Art/Music/Theatre	3	Statics	3
HIST/Comparative Religion	3	Intro to Engr Design	2
Principles of Communication	3	Arts & Society	3
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	18		-----
			18/16

Junior Year

Fall		Spring	
Mathematical Statistics	3	Differential Equations	4
Dynamics	3	Mechanics of Materials	3
Organic Chem I+ / Microbiology+	4	Numerical Analysis Methods	3
Art/Musi/Thea/Psyc/Soci if not above 3	3	Materials & Processes	3
Comparative Religion/HIST	3	Contemporary Leadership	3
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	16		16

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

+ required for civil engineering environmental track only