

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

Freshman Year			
	Fall		Spring
College Foundations	2	English Composition I or II	3
Computers & Technology	3	Algorithms & Programming (Java)	4
College Algebra & Trig *	4	Calculus I	4
(or PSYC/SOCI, Comp I)	(3)	Engineering Graphics II	3
Engineering Graphics I	3	Chemistry II	4
Chemistry I	4		-----
	-----		18
	16/15		
Sophomore Year			
	Fall		Spring
College Physics I	5	College Physics II/Env Bio ⁺	5/3
Calculus II	4	Differential Equations	4
Art/Music/Theatre/Comp II	3	Statics	3
HIST/Comparative Religion	3	Arts & Society	3
Quaker Values	1	Principles of Communication	3
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	16		18/16
Junior Year			
	Fall		Spring
Mathematical Statistics	3	Calculus III	4
Dynamics	3	Mechanics of Materials	3
Organic Chem I ⁺	4	Numerical Analysis Methods	3
Art/Musi/Thea/Psyc/Soci if not above	3	Comparative Religion/HIST	3
Microbiology ⁺	4	Contemporary Leadership	3
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	17		-----
			16-18

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

⁺ required for civil engineering environmental track only