

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

Freshman Year			
	Fall		Spring
College Foundations	2	English Composition I or II	3
Computers & Technology	3	Programming Fundamentals	2
College Algebra & Trig *	4	Object Oriented Programming	2
(or PSYC/SOCI, Comp I	3)	Calculus I	4
Engineering Graphics I	3	Engineering Graphics II	3
Chemistry I	4	Chemistry II	4
	-----		-----
	16/15		18
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
	----		----
	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
	----	Prof Dev Seminar (PHYS minor)	2
	17		-----
			16-18

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

⁺ required for civil engineering environmental track only