

RECOMMENDED SCHEDULE
Official course requirements based upon semester admitted into the program.

ENTERING FALL 2018

First Year											
Fall				Spring				Summer			
3150:151	^Principles of Chemistry I	3		3150:153	^Principles of Chemistry II	3					
3150:152	Principles of Chem I Lab	1		3450:222	^Analytic Geometry-Calculus II	4					
3300:111	^^English Composition I	3		4300:102	Tools for Civil Engineering II	3					
3450:221	^Analytic Geometry-Calculus I	4			*General Ed or Honors Distribution	3					
4300:101	Tools for Civil Engineering I	3			^A2nd Writing Course	3					
	*General Ed or Honors Distribution	3									
17				16							

Second Year											
Fall				Spring				Summer			
2980:101 or	>Basic Surveying or			3450:335	Intro. To Ordinary Diff Equations	3					
3350:405	Geographical Info Systems	3		3650:292	^Elementary Classical Physics II	4			<i>Possible</i>		
3450:223	^Analytic Geometry-Calculus III	4		4300:202	Mechanics of Solids	3		4100:300	<i>Cooperative Education Work Period</i>		
4300:201	^Statics	3		4300:321	Intro. Environmental Engineering	3					
3650:291	^Elementary Classical Physics I	4		4600:203	^Dynamics	3					
	*General Ed or Honors Distribution	3									
17				16							

Third Year											
Fall				Spring				Summer			
4300:306	Theory of Structures	3						4600:305	Thermal Science	2	
4300:313	Soil Mechanics	3						4300:xxx	4300 class from spring 4th year	[3]	
4300:323	Water Supply and Pollution Cntrl	3		4100:301	Cooperative Education Work Period				*General Ed or Honors Distribution	3	
4600:310	Fluid Mechanics	2									
	*General Ed or Honors Distribution	3									
	CE Technical/Professional Req	3									
17								8			

Fourth Year											
Fall				Spring				Summer			
				4300:314	Geotechnical Engineering	3					
				4300:341	Hydraulic Engineering	3					
4100:301	Cooperative Education Work Period			4300:361	Transportation Engineering	3		4100:301	Cooperative Education Work Period		
				4300:380	Engineering Materials Lab	3					
				4300:401	Steel Design	3					
					*General Ed or Honors Distribution	3					
				18							

Fifth Year											
Fall				Spring				Summer			
4300:403	Reinforced Concrete Design	3		4300:471	Construction Administration	3					
4400:307	Basic Electrical Engineering	4		4300:490	Sen Design in Civil Eng (CS TENTATIVE)	3					
	CE Technical/Professional Req	3			*General Ed or Honors Distribution	3					
	CE Technical/Professional Req	3			CE Technical/Professional Req/Honors Project	3					
	CE Technical/Professional Req	3									
16				12							

College of Engineering Notes
 *Credit hours shown for General Education or Honors Distribution are general guidelines only. These courses should be chosen in accordance with the appropriate General Education curriculum guide (for non-honors students) or Honors Distribution (for honors students). Honors students must also ensure that their course selections meet additional requirements not shown on this curriculum guide.
[Gen Ed Program - https://www.uakron.edu/general-education/](https://www.uakron.edu/general-education/) [Honors Distribution - https://www.uakron.edu/honors/curriculum/](https://www.uakron.edu/honors/curriculum/)
 ^Honors sections may be available; check the schedule of classes.

Civil Engineering Department Notes
 See Civil Engineering Departmental Office for Approved Technical/Professional Requirements
 >Students need permission from the instructor or completion of 3350:305 Maps & Map Reading to take 3350:405 Geographical Information Systems
 ~The Civil Engineering Department recommends that English Composition I be used to satisfy writing course requirement but other choices are available. See the General Education Program for details.
 *Check General Education Program or Honors Distribution to find courses that satisfy the 2nd writing course requirement.
 In addition to meeting all other degree requirements, a minimum of 136 credits must be completed.