

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	^Analytical Geometry-Calculus II	4			
3300:111	^^English Composition I	3	4300:102	Tools for Civil Engineering II	3			
3450:221	^Analytical Geometry-Calculus I	4		*General Ed or Honors Distribution	3			
4300:101	Tools for Civil Engineering I	3		^2nd 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			
3450:223	^Analytical Geometry-Calculus III	4	4300:202	Mechanics of Solids	3			
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	4300:314	Geotechnical Engineering	3	4600:305	Thermal Science	2
4300:313	Soil Mechanics	3	4300:341	Hydraulic Engineering	3	4300:xxx	4300 class from spring 4th year	[3]
4300:323	Water Supply and Pollution Cntrl	3	4300:361	Transportation Engineering	3		*General Ed or Honors Distribution	3
4600:310	Fluid Mechanics	2	4300:380	Engineering Materials Lab	3			
	*General Ed or Honors Distribution	3	4300:401	Steel Design	3			
	CE Technical/Professional Req	3		*General Ed or Honors Distribution	3			
17			18			8		

Fourth 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.