

Civil and Environmental



Engineering A.P.E. 2 years

Name _____

✕	Course	Credits	Semester Offered	Online	Milestones
	Freshman (Semester 1)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA)
	ENGR 1400 Programming Fundamentals	3	Fall, Spring		
	ENGR 1405 Programming Fundamentals Lab	1	Fall, Spring		
	ENGR 1000 Introduction to Engineering	2	Fall, Spring		
	MATH 1210 Calculus I	5	Fall, Spring		
	ENGR 2240 Surveying and Global Positioning	3	Fall		
	GNST 1200 Foundations	3	Fall, Spring, Summer	X	
	Total Credits	18			
	Freshman (Semester 2)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA)
	CHEM 1210 Principles of Chemistry I	4	Fall, Spring		
	CHEM 1215 Principles of Chemistry I Lab	1	Fall, Spring		
	ENGR 2010 Statics	3	Fall, Spring		
	MATH 1220 Calculus II	4	Fall, Spring		
	ENGL 1010 Introduction to Writing	3	Fall, Spring, Summer	X	
	ENGR 1300 Engineering Graphics and Design	3	Fall, Spring		
	Total Credits	17			
	Sophomore (Semester 1)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA). Apply for graduation.
	ENGR 2140 Strength of Materials	3	Fall		
	ENGL 2010 Intermediate Writing	3	Fall, Spring, Summer	X	
	MATH 2210 Multivariable Calculus	3	Fall, Spring		
	PHYS 2210 Physics for Scientists and Engineers I	4	Fall		
	PHYS 2215 Physics for Scientists and Engineers Lab	1	Fall		
	BIOL 1010 General Biology	3	Fall, Spring, Summer	X	
	Total Credits	17			
	Sophomore (Semester 2)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) Declare Bachelor's degree major.
	ENGR 2030 Dynamics	3	Spring		
	ENGR 2450 Numerical Methods	3	Spring		
	GEO 1110 Physical Geology	3	Spring		
	GEO 1115 Physical Geology Lab	1	Spring		
	MATH 2250 Linear Algebra and Differential Equations	4	Fall, Spring		
	Technical Electives	3	Spring		
	Total credits	17			

Notes:

For most recent information, students must contact their transfer institution directly.

Civil And Environmental



Engineering A.P.E. 3 yrs.

Name

✕	Course	Credits	Semester Offered	Online	Milestones
	Freshman (Semester 1)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA)
	MATH 1050 College Algebra	4	Fall, Spring, Summer	X	
	MATH 1060 Trigonometry	3	Fall, Spring		
	ENGL 1010 Introduction to Writing	3	Fall, Spring, Summer	X	
	GNST 1200 Foundations	3	Fall, Spring		
	Total Credits	13			
	Freshman (Semester 2)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA)
	CHEM 1210 Principles of Chemistry I	4	Fall, Spring		
	CHEM 1215 Principles of Chemistry I Lab	1	Fall, Spring		
	ENGR 1000 Introduction to Engineering	2	Fall, Spring		
	MATH 1210 Calculus I	5	Fall, Spring		
	Total Credits	12			
	Sophomore (Semester 1)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA)
	ENGR 1400 Programming Fundamentals	3	Fall, Spring		
	ENGR 1405 Programming Fundamentals Lab	1	Fall Spring		
	MATH 1220 Calculus II	4	Fall, Spring		
	PHYS 2210 Physics for Scientists and Engineers I	4	Fall		
	PHYS 2215 Physics for Scientists and Engineers I Lab	1	Fall		
	Total Credits	13			
	Sophomore (Semester 2)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA).
	ENGR 2010 Statics	3	Spring		
	MATH 2210 Multivariable Calculus	3	Fall, Spring		
	GEO 1110 Physical Geology	3	Spring		
	GEO 1115 Physical Geology Lab	1	Spring		
	ENGL 2010 Intermediate Writing	3	Fall, Spring, Summer	X	
	Total credits	13			
	Sophomore (Semester 1)				Apply for graduation. Declare Bachelor's degree major.
	ENGR 1300 Engineering Graphics and Design	3	TBA		
	ENGR 2140 Strength of Materials	3	Fall		
	ENGR 2240 Surveying and Global Positioning	3	Fall		
	BIOL 1010 General Biology	3	Fall, Spring, Summer	X	
	Total Credits	12			
	Sophomore (Semester 3)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA)
	ENGR 2030 Dynamics	3	Spring		
	ENGR 2450 Numerical Methods	3	Spring		
	MATH 2250 Linear Algebra and Differential Equations	4	Fall, Spring		
	Technical Electives	3			
	Total Credits	13			

For most recent information, students must contact their transfer institution directly.