



Chemical Engineering A.P.E. 2 years

Chemistry Department - Doug Wendel - (435) 283-7498 - doug.wendel@snow.edu

✕	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)
	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		
	ENGL 1010 Introduction to Writing	3	Fall, Spring, Summer	X	
	General Education	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 1220 Principles of Chemistry II	4	Spring		
	CHEM 1225 Principles of Chemistry II Lab	1	Spring		
	ENGR 2010 Statics	3	Fall, Spring		
	MATH 1220 Calculus II	4	Fall, Spring		
	ENGL 2010 Intermediate Writing	3	Fall, Spring, Summer	X	
	General Education	3	Fall, Spring, Summer	X	
	Total Credits	18			
	Sophomore (Semester 1)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA) Apply for graduation.
	CHEM 2310 Organic Chemistry I	4	Fall		
	CHEM 2315 Organic Chemistry I Lab	1	Fall		
	ENGR 2140 Strength of Materials	3	Fall		
	MATH 2210 Multivariable Calculus	3	Fall, Spring		
	PHYS 2210 Physics for Scientists and Engineers I	4	Fall		
	PHYS 2215 Physics for Scientists and Engineers I Lab	1	Fall		
	PE 1096 Fitness for Life	1	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 2300 Engineering Thermodynamics	3	Spring		
	ENGR 2450 Numerical Methods	3	Spring		
	MATH 2250 Linear Algebra and Differential Equations	4	Fall, Spring		
	PHYS 2220 Physics for Scientists and Engineers II	4	Spring		
	PHYS 2225 Physics for Scientists and Engineers II Lab	1	Spring		
	Technical Electives	3	Fall, Spring		
	Total credits	18			

* Courses numbered below 1000 level do not count toward credits earned or GPA.

* Electives can be courses that will complete an Associate's degree or any class in which you are interested.

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

✕	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	
	General Education	3	Fall, Spring, Summer	X	
	Total Credits	13			
	Freshman (Semester 2)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA)
	ENGR 1000 Introduction to Engineering	2	Fall, Spring	X	
	MATH 1210 Calculus I	5	Fall, Spring		
	CHEM 1210 Principles of Chemistry I	4	Fall, Spring		
	CHEM 1215 Principles of Chemistry I Lab	1	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).
	MATH 1220 Calculus II	4	Fall, Spring		
	ENGR Statics	3	Fall, Spring		
	PHYS 2210 Physics for Scientists and Engineers I	4	Fall		
	PHYS 2215 Physics for Scientists and Engineers I Lab	1	Fall		
	ENGL 2010 Intermediate English	3	Fall, Spring, Summer	X	
	Total Credits	15			
	Sophomore (Semester 2)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA). Apply for graduation.
	CHEM 1220 Principles of Chemistry II	4	Spring		
	CHEM 1225 Principles of Chemistry II Lab	1	Spring		
	MATH 2210 Multivariable Calculus	3	Fall, Spring		
	PHYS 2220 Physics for Scientists and Engineers II	4	Spring		
	PHYS 2225 Physics for Scientists and Engineers II Lab	1	Spring		
	Total Credits	13			
	Sophomore (Semester 3)				Meet with your academic advisor. Earn 2.0 GPA or higher (Bachelor's degree may require higher GPA)
	CHEM 2310 Organic Chemistry I	4	Fall		
	CHEM 2315 Organic Chemistry I Lab	1	Fall		
	ENGR 2140 Strength of Materials	3	Fall		
	General Education	4	Fall, Spring, Summer	X	
	Total Credits	12			
	Junior (Semester 1)				Declare Bachelor's degree major.
	CHEM 2320 Organic Chemistry II	4	Fall		
	CHEM 2325 Organic Chemistry II Lab	1	Fall		
	ENGR 2300 Engineering Thermodynamics	3	Spring		
	ENGR 2450 Numerical Methods	3	Spring		
	Technical Electives	3			
	Total Credits	14			

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