

Associate of Science in Natural Sciences: Chemistry Pathway

Student Name:	
Student ID:	

Institutional Priority (4 credit hours)			
Course	Sem	Grade	Credit
CATS 1101 Critical & Academic Thinking for Success			1
<i>Choose one of the following courses:</i>			
BUSA 1000 Professionalism in the Workplace			3
COMM 1110 Public Speaking			3
COMM 1010 Intercultural Communication			3
ENGL 1104 Introduction to Business and Technical Communication			3

Mathematics and Quantitative Skills (3 credit hours)			
Course	Sem	Grade	Credit
<i>Choose one of the following:</i>			
MATH 1001 Quantitative Skills & Reasoning			3
MATH 1101 Introduction to Mathematical Modeling			3
MATH 1111 College Algebra			3
MATH 1113 Pre-Calculus			3
MATH 1113 is recommended.			
C or higher is required.			

Political Science and U.S. History (6 credit hours)			
Course	Sem	Grade	Credit
POLS 1101 American Government			3
<i>Choose one of the following (3 credits)</i>			
HIST 2111 Survey of US History I			3
HIST 2112 Survey of US History II			3

Arts, Humanities, and Ethics (6 credit hours)			
Course	Sem	Grade	Credit
<i>Choose one of the following (3 credit hours):</i>			
ENGL 2111 World Literature I			3
ENGL 2112 World Literature II			3
ENGL 2120 British Literature			3
ENGL 2130 American Literature			3
<i>Choose one of the following (3 credit hours):</i>			
ART 1100 Introduction to Art			3
ART 2030 Art History I			3
ART 2031 Art History II			3
ENGL 2111 World Literature I			3
ENGL 2112 World Literature II			3
ENGL 2120 British Literature			3
ENGL 2130 American Literature			3
ENGL 2140 Survey of Children's Lit			3
ENGL 2150 African-American Lit			3
FILM 1100 Introduction to Film			3
FREN 1001 Elementary French I			3
FREN 1002 Elementary French II			3
FREN 2001 Intermediate French I			3
FREN 2002 Intermediate French II			3

MUSC 1100 Music Appreciation			3
PHIL 2010 Introduction to Philosophy			3
SPAN 1001 Elementary Spanish I			3
SPAN 1002 Elementary Spanish II			3
SPAN 2001 Intermediate Spanish I			3
SPAN 2002 Intermediate Spanish II			3
THEA 1100 Theatre Appreciation			3

Communicating in Writing (6 credit hours)			
Course	Sem	Grade	Credit
ENGL 1101 English Composition I			3
ENGL 1102 English Composition II			3
C or higher are required in both ENGL 1101 and ENGL 1102			

Technology, Mathematics and Sciences (11-12 credit hours)			
Course	Sem	Grade	Credit
<i>Choose two of the following courses (8 credit hours)</i>			
BIOL 1107K Principles of Biology I			4
BIOL 1108K Principles of Biology II			4
CHEM 1211K Principles of Chemistry I			4
CHEM 1212K Principles of Chemistry II			4
PHYS 2211K Physics I - Classical Mechanics			4
PHYS 2212K Physics II - Electricity, Magnetism, Optics			4

CHEM 1211 and CHEM 1212 are recommended			
<i>Choose one of the following courses (3 or 4 credit hours)</i>			
BIOL 1107K Principles of Biology I			4
BIOL 1108K Principles of Biology II			4
CSCI 1301 Programming Principles I			4
CSCI 1302 Programming Principles II			4
CHEM 1211K Principles of Chemistry I			4
CHEM 1212K Principles of Chemistry II			4
DATA 1501 Intro to Data Science			3
MATH 1113 Pre-Calculus			3
MATH 1401 Elementary Statistics			3
MATH 1232 Survey of Calculus			3
MATH 1540 Calculus I			4
MATH 2012 Calculus II			4
PHYS 2211K Physics I - Classical Mechanics			4
PHYS 2212K Physics II - Electricity, Magnetism, Optics			4
MATH 1540 or higher is recommended			

Social Sciences (6 credit hours)				
Course	Sem	Grade	Credit	
<i>Choose two of the following (6 credits):</i>				
ECON 2105 Principles of Macroeconomics			3	
ECON 2106 Principles of Microeconomics			3	
HIST 1111 World History I			3	
HIST 1112 World History II			3	
HIST 1121 Survey of Western Civ I			3	
HIST 1122 Survey of Western Civ II			3	
HIST 2111 Survey of US History I			3	
HIST 2112 Survey of US History II			3	
HIST 2200 Black History			3	
HIST 2300 History of Science			3	
POLS 2101 Intro to Political Science			3	
POLS 2301 Comparative Politics			3	
POLS 2401 Global Issues			3	
PSYC 1101 Introduction to General Psychology			3	
SOCI 1101 Introduction to Sociology			3	

Field of Study (18 credit hours)				
Course	Sem	Grade	Credit	
<i>Recommended courses if not taken in area Technology, Mathematics and Sciences (0-6 credits)</i>				
CHEM 1211K Principles of Chemistry I			4	
CHEM 1212K Principles of Chemistry II			4	
<i>Please choose from the following courses (12-18 credit hours)</i>				
BIOL 1107K Principles of Biology I			4	
BIOL 1108K Principles of Biology II			4	
CHEM 2411K Organic Chemistry I			4	
CHEM 2412K Organic Chemistry II			4	
MATH 2012 Calculus II			4	
PHYS 2211K Physics I - Classical Mechanics			4	
PHYS 2212K Physics II - Electricity, Magnetism, Optics			4	
Carry Over from MATH 1540 if taken in Technology, Mathematics and Sciences area			1	
18 credit hours of courses not already taken in the Core IMPACTS.				

Academic Advisement Notes:

Courses taken in the Field of Study should be selected based on the desired major after transferring to a bachelor's degree program at another institution.

Degree awarded will be an Associate of Science in Natural Sciences.