

Associate in Science (AS) Degree Requirements

In addition to the Core Requirements (see page 30), the following degree requirements must be fulfilled for an Associate in Science. Electives may be used to complete the 62 hour requirement.

Twelve or more additional hours in AST, BIO, CSC, CHE, MAT, PHY must be taken to complete an Associate in Science. May not use: MAT 090 Intermediate Algebra or CSC 101 Application Systems.

Course Selection for AS Degree Requirements

12 or more additional hours from the following prefixes: AST, BIO, CSC, MAT, PHY (If has lecture & lab must take both)

Choose from:

AST 101	Introductory Astronomy & Lab	4			
BIO 101/L	Introductory Biology & Lab	4	CSC 110	Introduction to Computer Science	3
BIO 107	Principles of Biology & Lab I	4	CSC 150	Introduction to Animations	3
BIO 108	Principles of Biology & Lab II	4	CSC 201	Introduction to Programming	3
BIO 115	Human Nutrition	3	CSC 212	Data Structures	3
BIO 120	Intro to Environmental Science	3	ENV 270	Introduction to GIS	3
BIO 125	Botany & Lab	4	ENV 335	Earth Science; Soil, Water, Atm	3
BIO 204	Genetics & Lab	4			
BIO 207	Zoology & Lab	4	MAT 115	Trigonometry	2
BIO 211	Human Anatomy & Physiology 1/L	4	MAT 120	Precalculus	4
BIO 212	Human Anatomy & Physiology 2/L	4	MAT 130	Elementary Statistics	3
BIO 240	Microbiology & Lab	4	MAT 210	Calculus 1	4
BIO 250	Ecology & Lab	4	MAT 220	Calculus 2	4
BIO 301	Molecular Biology & Lab	4	MAT 230	Calculus 3	4
BIO 320	Animal Behavior	3	MAT 240	Differential Equations	3
			MAT 260	Linear Algebra	3
CHE 110/111	Intro to Forensic Chem & Lab	4	MAT 310	Foundations of Mathematics	3
CHE 120/121	Introduction to Chemistry & Lab	4	MAT 320	Probability and Statistics	3
CHE 130/131	Intro to Environmental Chem/Lab	4	MAT 350	History of Mathematics	3
CHE 210/211	General Chemistry 1 & Lab	5	MAT 360	Elementary Number Theory	3
CHE 212/213	General Chemistry 2 & Lab	5	MAT 370	Financial Mathematics	3
CHE 310	Principles of Analytical Chemistry	3			
CHE 311	Quantitative Analysis Laboratory	2	PHY 101	Introductory Physics & Lab	4
CHE 320/321	Organic Chemistry 1 & Lab	5	PHY 205	General Physics 1 & Lab	4
CHE 322/323	Organic Chemistry 2 & Lab	5	PHY 206	General Physics 2 & Lab	4
CHE 330	Environmental Chemistry & Social Justice	3			
CHE 340/341	Biochemistry & Lab	5			