

CHEMISTRY
Associate of Science Degree
Catalog 2010-2011

Communications:				Credit Hours	Grade
___	ENGL	111	Freshman Composition	3	___
___	ENGL	211	Advanced Composition	3	___
___	COMM	110	Public Speaking OR		
___	COMM	111	Interpersonal Communication	3	___
Mathematics:					
___	MATH	188	Calculus I	4	___
___	MATH	189	Calculus II	4	___
Social and Behavioral Science: Must have 15 credits total between this area and Humanities and Fine Arts. Minimum of 6 credit hours.					
___	___	___	Anthropology (ANTH 110, 210, 211, 255)	3	___
___	___	___	Economics (ECON 251, 252)	3	___
___	___	___	Human Geography (GEOG 145)	3	___
___	___	___	Introductory to Psychology (PSYC 120)	3	___
___	___	___	Political Science (POLS 110, 250)	3	___
___	___	___	Sociology (SOC 110, 210, 215)	3	___
Humanities and Fine Arts: Must have 15 credits total between this area and Social and Behavioral Science. Minimum of 6 credit hours.					
___	___	___	Foreign Language (NAVA 111, 112, SPAN 111, 112)	4	___
___	___	___	History (HIST 121, 122, 211, 212)	3	___
___	___	___	Literature (ENGL 245, 230, 235, 251, 252, 261, 262)	3	___
___	___	___	Music (MUSI 110, 111, 112, 114, 130, 131)	3	___
___	___	___	Orientation in Art (ARTS 110)	3	___
___	___	___	Philosophy (PHIL 110, 115)	3	___
___	___	___	Theater (THEA 110, 120)	3	___
Chemistry - Core classes.					
___	CHEM	111	General Chemistry I	4	___
___	CHEM	112	General Chemistry II	4	___
___	CHEM	251	Organic Chemistry I	4	___
___	CHEM	252	Organic Chemistry II	4	___
___	CHEM	281	Analytic Chemistry	5	___
___	COSC	116	Spreadsheets OR		
___	COSC	118	Computer Programming Fundamentals I with C++	3	___
___	PHYS	211	General Physics I **	4	___
___	PHYS	212	General Physics II **	4	___
___	___	___	Math or Science Elective*	4	___

Total credit hours required for this degree is 68

* Math or Science Elective: Select a minimum of 4 credit hours.

- Biology: BIOL 121 – Introductory Biology I, **or** BIOL 224 – Microbiology (BIOL 121 is pre-requisite)
- Chemistry: CHEM 299 – Chemistry Special Topics
- Geology: GEOL 110 – Introduction to Geology, **or** GEOL 270 – Mineralogy
- Mathematics: MATH 268 – Calculus III, **or** MATH 251 – Statistics
- Physics: PHYS 217 – Engineering Physics III