

**Highland Community College Suggested Program of Study
Chemistry (Associate in Science)**

The Chemistry program is designed to provide a transfer program leading to the bachelor of science degree with a major in Chemistry. The curriculum is offered as a guide because there is some variation in program, depending on the area of specialization (major in physical chemistry versus a major in organic chemistry). Individuals should seek the counsel of their advisor in planning this degree for transfer.

Course Number	Course Name	Credit Hour
<u>Basic Skills</u>		
COL 103	College Success and Orientation	1
ENG 101	College English I	3
ENG 102	College English II	3
SP 101	Oral Communications** or	
SP 106	Public Speaking	3
MAT 104	College Algebra	3
	Computer Literacy Elective	1
	PE Elective	1
<u>Humanities</u>		
	Humanities Elective	3
	Humanities Elective	3
<u>Social & Behavioral Science</u>		
	Social Science Elective	3
	Social Science Elective	3
<u>Mathematics or Science</u>		
MAT 106	Calculus w/Analytic Geometry	5
PS111	College Chemistry I	5
PS 112	College Chemistry II	5
PS 203	General College Physics I	5
	Electives	16

**Check transferability to four-year schools.

Suggested electives: MAT 110 Calculus w/Analytic Geometry II, MAT 201 Calculus w/Analytic Geometry III, PS 204 General College Physics II, PS 210 Organic Chemistry I, and PS 212 Organic Chemistry II.

Potential Employment Applications of Degree

A chemist conducts research and performs tests on substances to determine their physical and chemical properties. Chemists may work in industry in product development. There may be health hazards due to handling chemicals.