

Learning Outcome	Year 1 - Fall Semester				Year 1 - Spring Semester				Year 2 - Fall Semester				Year 2 - Spring Semester				
	ENG 101	CHM 121	MAT 251	PHS 131	ENG 102	CHM 122	MAT 252	PHS 132	ENG 103	CHM 221	MAT 253	Behavioral Science elective	CHM 222	MAT 254	History / Government elective	Literature elective	Humanities elective
Demonstrate an understanding of major concepts and principles in chemistry, physics, or environmental science.		X		X		X		X		X			X				
Collect, analyze, interpret, and present qualitative and quantitative data from laboratory experiments.		X		X		X		X		X			X				
Develop, test, and revise appropriate hypotheses.		X		X		X		X		X			X				
Work effectively alone and in groups in both classroom and laboratory settings.		X		X		X		X		X			X				
Research, evaluate, and synthesize information from a variety of sources.	X	X		X	X	X		X	X	X			X				
Demonstrate effective oral and written communication skills in transmitting complex technical information.	X	X	X	X	X	X	X	X	X	X	X		X	X			
Demonstrate familiarity with and the application of proper safety protocols while working in laboratory environments.		X		X		X		X		X			X				