

## Life Sciences

### Program Outcomes

Demonstrate knowledge of the major chemical and biological topics in Life Sciences.	Effectively communicate about scientific ideas, assumptions, observations and results in oral and written format.	Demonstrate critical thinking and problem-solving skills by applying scientific principles.	Use of appropriate laboratory procedures to generate and analyze quantitative and qualitative data to form conclusions.	Demonstrate the safe and proper use of scientific instrumentation, measuring devices, chemical reagents, media and tools to collect relevant and quality data.	Describe the relationship of the Life Sciences to other areas of study and be able to make informed ethical choices.
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### Required Courses

BIO 115	I	I	I		I
BIO 116		R	R	I	I
BIO 117	R	R	R		R
BIO 118		R	R	R	R
BIO 131	I,	I	I,		I,
BIO 132	R	R	R	I,	I,
BIO 133	R, A	R	R		E,A
BIO 134	R	R	R	R	R
BIO 211		R	R		R
BIO 212				R	R
BIO 222	R	R	R		R
BIO 223				R	R
CHY 121		I	I		
CHY 122				I	I
CHY 123	R	R	R		
CHY 124				R	R
CHY 221	R	R	R		
CHY 222				R	R
CHY 251	R	R,A	R		
CHY 252			R,A	R,A	R,A

I-Outcome introduced; R-Outcome Reinforced; E-Outcome Emphasized; A-Outcome Assessed

I – Outcome Introduced R = Outcome Reinforced E = Outcome Emphasized A = Outcome Assessed

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