

Discipline: Biology

Degree: Associate in Science, Associate in Arts

Program Learning Outcomes:

We expect that students who complete biology & associated courses at Bismarck State College can demonstrate the ability to:

1. Understand and use appropriate terminology.
2. Understand the connection between function and structure.
3. Communicate biological concepts clearly.

Assessment Cycle:

	AY 2018-2019	AY 2019-2020	AY 2020-2021	AY 2021-2022
Outcome #1	R	A	R	A
Outcome #2	R	A	R	A
Outcome #3	R	A	R	A
IELO – Problem Solving	R	A	R	A
IELO – Critical Thinking	R	A	R	A
IELO – Lifelong Learning	R	A	R	A

A = Assessment evidence collected

R = Reflect on data, action plan devised, prep year

Program Curriculum Map

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	PROGRAM LEARNING OUTCOMES			IELOs		
	#1	#2	#3	Problem Solving	Critical Thinking	Lifelong Learning
BIOL 102	X		X, A	X		
BIOL 108	X	X	X, A			X
BIOL 109	X	X	X		X	
BIOL 111/111L	X, A	X	X		X	
BIOL 115/115L	X, A	X, A	X	X		
BIOL 124	X	X, A	X	X		
BIOL 150/150L	X, A	X, A	X		X	
BIOL 151/151L	X, A	X, A	X		X	
BIOL 170/170L	X	X, A	X, A		X	
BIOL 213	X, A	X	X, A		X	
BIOL 220/220L	X, A	X, A		X		
BIOL 221/221L	X, A	X, A		X		
BIOL 125	X, A	X, A		X		
BOT 170/170L	X, A	X	X, A		X	
MICRO 202/202L	X, A	X, A	X	X		
NUTR 240	X, A	X	X	X		

X = Material introduced, reinforced, and/or opportunity to practice

A = Assessment evidence collected (e.g., lab activity, exam, paper, assignment, etc.)