

EXAMPLE

BIOLOGY

WINTHROP UNIVERSITY Program Student Learning Outcomes/Curriculum Map

Purpose: To identify the courses in which each student learning outcome is addressed and to determine the level at which the outcome is explored.

Rating: 1 = Outcome Introduced; 2 = Outcome Emphasized; 3 = Outcome Reinforced

	BIO 115	BIO 215	BIO 225	BIO 304	BIO 332	BIO 402	BIO 411	BIO 475	BIO 499
A student graduating with a biology major will be able to search the scientific literature and find adequate, appropriate source material on a given topic.	1	1		2	2		2	3	3
A student graduating with a biology major will be able to develop hypotheses and test them.	1	1	2			2		3	
A student graduating with a biology major will be able to design experiments.	1	1	2			2		3	
A student graduating with a biology major will be able to conduct experiments.	1	1		2	2	2			3
A student graduating with a biology major will be able to analyze data and draw appropriate conclusions.	1	1		2	2	2			3
A student graduating with a biology major will be able to clearly communicate scientific findings to diverse audiences.	1	1			2		2		3
A student graduating with a biology major will be able to write clearly and concisely in a	1	1		2		2		3	3

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BIOLOGY

W I N T H R O P U N I V E R S I T Y
Program Student Learning Outcomes/Curriculum Map

	BIO 115	BIO 215	BIO 225	BIO 304	BIO 332	BIO 402	BIO 411	BIO 475	BIO 499
scientific format.									
A student graduating with a biology major will be able to demonstrate knowledge of the broad fundamental concepts of Biology.	1	1	2	2	2	2	2	3	3

Outcome Introduced – Students experience initial or early exposure to the outcome (knowledge/skill/value/attitude).

Outcome Emphasized – Students experience secondary exposure to the outcome (knowledge/skill/value/attitude), which is the focus of the course.

Outcome Reinforced – Students experience a tertiary exposure to the outcome (knowledge/skill/value/attitude), with the course re-emphasizing and deepening the outcome (knowledge/skill/value/attitude).

EXAMPLE (WITH ASSESSMENTS)

BIOLOGY

WINTHROP UNIVERSITY Program Student Learning Outcomes/Curriculum Map

Purpose: To identify the courses in which each student learning outcome is addressed and to determine the level at which the outcome is explored.

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	BIO 115	BIO 215	BIO 225	BIO 304	BIO 332	BIO 402	BIO 411	BIO 475	BIO 499
A student graduating with a biology major will be able to search the scientific literature and find adequate, appropriate source material on a given topic.	1	1		2	2		2	3	3
								Thesis Project	Capstone Project
A student graduating with a biology major will be able to develop hypotheses and test them.	1	1	2			2		3	
								Thesis Project	
A student graduating with a biology major will be able to design experiments.	1	1	2			2		3	
								Thesis Project	
A student graduating with a biology major will be able to conduct experiments.	1	1		2	2	2			3
				Final Lab Project					Capstone Project
A student graduating with a biology major will be able to analyze data and draw appropriate conclusions.	1	1		2	2	2			3
					Final Exam Essay				Capstone Project
A student graduating with a biology major will be able	1	1			2		2		3

EXAMPLE (WITH ASSESSMENTS)

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WINTHROP UNIVERSITY Program Student Learning Outcomes/Curriculum Map

	BIO 115	BIO 215	BIO 225	BIO 304	BIO 332	BIO 402	BIO 411	BIO 475	BIO 499
to clearly communicate scientific findings to diverse audiences.					Final Presentation				Capstone Project
A student graduating with a biology major will be able to write clearly and concisely in a scientific format.	1	1		2		2		3	3
		Final Paper		Final Paper				Thesis Project	Capstone Project
A student graduating with a biology major will be able to demonstrate knowledge of the broad fundamental concepts of Biology.	1	1	2	2	2	2	2	3	3
									Major Field Test (MFT)

Outcome Introduced – Students experience initial or early exposure to the outcome (knowledge/skill/value/attitude).

Outcome Emphasized – Students experience secondary exposure to the outcome (knowledge/skill/value/attitude), which is the focus of the course.

Outcome Reinforced – Students experience a tertiary exposure to the outcome (knowledge/skill/value/attitude), with the course re-emphasizing and deepening the outcome (knowledge/skill/value/attitude).