

## Transfer Program Outcomes Crosswalk and 7-Year Assessment Plan – Biology, Botany, Environmental Science, Geology, and Nutrition Departments

IO1 Communication: Students will be able to communicate clearly and effectively.

IO2 Quantitative Reasoning: Students will be able to reason mathematically.

IO3 Human Relations/Workplace Skills: Students will be able to demonstrate teamwork, ethics, appropriate safety awareness and/or workplace specific skills.

PO4 Students will be able to recognize or articulate personal/interpersonal aspects of, or connections between, diverse cultural, social, or political contexts.

PO5 Students will be able to solve problems by gathering, interpreting, combining and/or applying information from multiple sources.

Program and Course Crosswalk						
Course	Course Title	IO1	IO2	IO3	PO4	PO5
BIOL 104	CORE CONCEPTS IN BIOLOGY					X
BIOL&100	SURVEY OF BIOLOGY			X		X
BIOL&170	HUMAN BIOLOGY					X
BIOL&160	GENERAL BIOLOGY WITH LAB			X		X
BIOL&221	MAJORS ECOLOGY/EVOLUTION			X		X
BIOL&222	MAJORS CELL/MOLECULAR			X		X
BIOL&223	MAJORS ORGANISMAL PHYS			X		X
BIOL&241	HUMAN A & P 1					X
BIOL&242	HUMAN A & P 2					X
BIOL&260	MICROBIOLOGY			X		X
BOT 130	BOTANY			X	X	X
BOT 140	FIELD BOTANY					X
ENVS&100	SURV OF ENV SCIENCE				X	X
GEOL&101	INTRO PHYSICAL GEOLOGY		X			X
NUTR&101	NUTRITION					X

7-year Assessment Plan									
Course	Course Title	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27
BIOL 104	CORE CONCEPTS IN BIOLOGY	NOT CURRENTLY OFFERED OR PLANNING TO OFFER; DO NOT WANT TO RETIRE							
BIOL&100	SURVEY OF BIOLOGY		IO2		PO4	IO3		PO5	
BIOL&170	HUMAN BIOLOGY		IO2						PO5
BIOL&160	GENERAL BIOLOGY WITH LAB	IO3					PO5	IO3	
BIOL&221	MAJORS ECOLOGY/EVOLUTION		IO2			IO3			
BIOL&222	MAJORS CELL/MOLECULAR	IO1					IO3		
BIOL&223	MAJORS ORGANISMAL PHYS					IO3			PO5
BIOL&241	HUMAN A & P 1		IO3					IO3	
BIOL&242	HUMAN A & P 2	IO3					PO5		
BIOL&260	MICROBIOLOGY			PO5		IO3			PO5
BOT 130	BOTANY				PO4				
BOT 140	FIELD BOTANY			PO5					PO5
ENVS&100	SURV OF ENV SCIENCE			PO4	PO4				PO5
GEOL&101	INTRO PHYSICAL GEOLOGY		IO2		PO4				
NUTR&101	NUTRITION	IO1		PO5			IO3		