

## 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	Not Taught	21-22	22-23	23-24	24-25	25-26	26-27	27-28	28-29
			Yr 5- IO3	Yr 6- IO3 F	Yr 7- PO	Yr 1- IO1 PO5	Yr 2- IO1F/ PO5	Yr 3- IO2	IO1	IO2
BIOL 104	CORE CONCEPTS IN BIOLOGY	X								
BIOL&100	SURVEY OF BIOLOGY		IO3	IO3		PO5	PO5			IO2
BIOL&170	HUMAN BIOLOGY				PO5	PO5				
BIOL&160	GENERAL BIOLOGY WITH LAB		IO3	IO3			PO5	PO5	IO3	
BIOL&221	MAJORS ECOLOGY/EVOLUTION		IO3					PO5		IO2
BIOL&222	MAJORS CELL/MOLECULAR		IO3					PO5	IO1	
BIOL&223	MAJORS ORGANISMAL PHYS		IO3					PO5		
BIOL&241	HUMAN A & P 1			PO5	PO5					IO3
BIOL&242	HUMAN A & P 2					PO5	PO5		IO3	
BIOL&260	MICROBIOLOGY		IO3	IO3			PO5	PO5		
BOT 130	BOTANY			IO3	PO4	PO4				
BOT 140	FIELD BOTANY					PO5	PO5			
ENVS&100	SURV OF ENV SCIENCE				PO4	PO4				
GEOL&101	INTRO PHYSICAL GEOLOGY				PO5	PO5		IO2		
NUTR&101	NUTRITION				PO5	PO5			IO1	

**For your reference:**

Academic Year:	21-22	22-23	23-24	24-25	25-26	26-27	27-28
Assessment Cycle Year:	Yr 5	Yr 6	Yr 7	Yr 1	Yr 2	Yr 3	Yr 4
College-wide Assessment of IOs:	IO3	IO3 again or POs	POs	IO1	IO1 again or POs	IO2	IO2 again or POs