



BIOLOGY, BA
Curriculum for 2025-2026
5-yr Plan for HEOP/Assisi Students

✓	Course	Course Title	Prerequisites	Notes
Semester One (12 credits)				
	BLU 101	Foundations Seminar	None	3 credits
	EN 103A	Reading, Thinking, and Writing	None	3 credits
	EN 103B	Reading, Thinking, and Writing	None	3 credits
	BI 114	The Human Body	None	3 credits
Semester Two (12 credits)				
	EN 102	Unveiling Literary Treasures	EN 103A, EN 103B	3 credits
	BLU 151	Public Speaking	BLU 101	3 credits
	MA 101	Survey of Mathematics	None	3 credits
	CH 110	Modern Topics in Chemistry	None	3 credits
Semester Three (13 credits)				
	MA 145	College Algebra and Pre-Calculus	MA 101, 135, or HS GPA 83	3 credits
	PSY 101	Introduction to Psychology	None	3 credits
	GENED	General Education Requirement	None	3 credits
	BI 140	College Biology I	None	3 credits
	BI 140L	College Biology I Lab	None	1 credit
Semester Four (13 credits)				
	GENED	General Education Requirement	None	3 credits
	BLU 201	Service Learning and Civic Engagement	BLU 151 & 30 credits	3 credits
	MA 200	Topics in Statistics	MA 101, 135, or HS GPA 83	3 credits
	BI 141	College Biology II	BI 140	3 credits
	BI 141L	College Biology II Lab	BI 140L	1 credit
Semester Five (14 credits)				
	GENED	General Education Requirement	None	3 credits
	MA 205	Survey of Calculus	MA 145 or HS GPA 88	3 credits
	BI 300	Genetics	BI 114 or BI 141	3 credits
	BI 300L	Genetics Lab	BI 141L or permission	1 credit
	CH 140	College Chemistry I	None	3 credits
	CH 140L	College Chemistry I Lab	None	1 credit
Semester Six (14 credits)				
	BLU 301	Junior Symposium	BLU 201 & 60 Credits	3 credits
	Religion	Religious Studies Elective	None	3 credits
	CH 141	College Chemistry II	CH 140	3 credits
	CH 141L	College Chemistry II Lab	CH 140L	1 credit
	BI 340	Molecular Biology	BI 300	3 credits
	BI 340L	Molecular Biology Lab	BI 300L	1 credit
Semester Seven (12 credits)				
	BI 220	Microbiology	BI 114 or BI 141	3 credits
	BI 220L	Microbiology Lab	BI 141L or permission	1 credit
	CH 311	Organic Chemistry I	CH 141	3 credits
	CH 311L	Organic Chemistry I Lab	CH 141L	1 credit
	PY 140	College Physics I	MA 145	3 credits
	PY 140L	College Physics I Lab	None	1 credit
Semester Eight (12 credits)				
	GENED	General Education Requirement	None	3 credits
	PY 141	College Physics II	PY 140	3 credits
	PY 141L	College Physics II Lab	PY 140L	1 credit
	CH 313	Organic Chemistry II	CH 311	3 credits
	CH 313L	Organic Chemistry II Lab	CH 311L	1 credit
		Independent Study/ Career exploration	60 credits	1 credit
Semester Nine (12 credits)				
	GENED	General Education Requirement	None	3 credits
	BI 320	Biochemistry	BI 141, CH 141, & 60 credits	3 credits
	BI 320L	Biochemistry Lab	BI 141L, CH 141L, & 60 credits	1 credit
	BI 420	Anatomy & Physiology I	BI 114 or BI 141, & 60 credits	3 credits
	BI 420L	Anatomy & Physiology I Lab	BI 141L or permission	1 credit
	BI 450A	Biology Seminar I	BLU 151, BI 320, BI 340, & 90 credits	1 credit
Semester Ten (13 credits)				
	ELECTIVE	Liberal Arts and Sciences Elective		3 credits
	BI 410	Cell Biology	BI 340, CH 313, & 60 credits	3 credits
	BI 410L	Cell Biology Lab	BI 340L, CH 313L, & 60 credits	1 credit
	BI 421	Anatomy & Physiology II	BI 420	3 credits
	BI 421L	Anatomy & Physiology II Lab	BI 420L	1 credit
	BI 450B	Biology Seminar II	BI 450A	2 credits
General Education Modules				
✓	General Education Module		Completed By	
	American History/Western Civilization			
	Arts			
	Civic Learning and Engagement		BLU 201	