



Biology AS Recommended Pathway

Career Pathway: Science, Math, and Health

Program Description: The Biology Program provides students with the opportunity to earn an associate degree in the student's area of specialization and prepares the student for transfer to a four-year institution. Students completing the baccalaureate program or graduate school may be hired in the major or in a related field such as biochemistry, bioengineering, botany, clinical lab technology, environmental biology, forestry, oceanography, range management, wildlife/fisheries biology, or zoology.

Course ID	Course Title	Units	To-Do List
Semester 1			
STUDEV-001	College Success	3	1) Meet with your Advisor to confirm path & develop your 1st year Abbreviated Educational Plan. 2) Apply for financial aid and follow-up with financial aid department. 3) Begin research on four-year schools. Find out minimum transfer GPA, course & major requirements. JobSpeaker O*NET
ENG-001A*	Composition and Reading	3	
NC-200**	College Reading and Writing Preparedness	0	
BIO-010 or BIO-015	Fundamentals of Biology or Biology for Education	3	
MATH-016*	Precalculus and Trigonometry	6	
Total Semester 1 Units		15	
Semester 2			
BIO-032*	Human Anatomy	4	1) Meet with your Counselor to discuss your progress & complete your Comprehensive Educational Plan. 2) Meet with your Faculty Mentor to discuss program pathway, career options, & finalize class options.
ENG-003*	Critical Thinking and Writing	3	
MATH-001A*	Introduction to Calculus	5	
GEO-003	Facility Food Safety Management	3	
Total Semester 2 Units		15	
Semester 3			
BIO-035*	Human Physiology	4	1) Prepare documentation for college application & apply to four-year schools of choice by the deadline. 2) Begin seeking four-year funding outlets such as scholarships & aid. 3) Renew financial aid.
CHEM-002A*	Introductory Chemistry	4	
HIST-017A or HIST-017B	History of the United States 1492-1877 or History of the United States 1865-PRESENT	3	
POLSCI-001	American Government	3	
Total Semester 3 Units		14	
Semester 4			
BIO-038*	Microbiology	4	1) Petition to Graduate to receive your degree & commencement ceremony information.
COM-001*	Elements of Speech	3	
NUT-001	Basic Nutrition	3	
GEOG-002 or PSYCH-001 or SOC-001	World Regional Geography or Introductory Psychology or Introduction to Sociology	3	
ART-042 or MUS-042	Art Appreciation or Music Appreciation	3	
Total Semester 4 Units		16	
Total Program Units		60	

*A grade of "C" or higher required for ENG, MATH, COM and all major courses.

**If placement requires concurrent enrollment in support course.



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Semester 1			
STUDEV-001	College Success	3	1) Meet with your Advisor to confirm path & develop your 1st year Abbreviated Educational Plan. 2) Apply for financial aid and follow-up with financial aid department.
ENG-001A*	Composition and Reading	3	
NC-200**	College Reading and Writing Preparedness	0	
Total Semester 1 Units		6	
Semester 2			
BIO-010 or BIO-015	Fundamentals of Biology or Biology for Education	3	1) Begin research on four-year schools. Find out minimum transfer GPA, course & major requirements. 2) Begin research on careers using JobSpeaker and O*NET
MATH-016*	Precalculus and Trigonometry	6	
Total Semester 2 Units		9	
Semester 3			
BIO-032*	Human Anatomy	4	1) Renew financial aid.
ENG-003*	Critical Thinking and Writing	3	
Total Semester 3 Units		7	
Semester 4			
MATH-001A*	Introduction to Calculus	5	1) Meet with your Counselor to discuss your progress & complete your Comprehensive Educational Plan. 2) Meet with your Faculty Mentor to discuss program pathway, career options, & finalize class options.
GEO-003	Facility Food Safety Management	3	
Total Semester 4 Units		8	
Semester 5			
BIO-035*	Human Physiology	4	1) Renew financial aid.
CHEM-002A*	Introductory Chemistry	4	
Total Semester 5 Units		8	
Semester 6			
HIST-017A or HIST-017B	History of the United States 1492-1877 or History of the United States 1865-PRESENT	3	1) Prepare documentation for college application & apply to four-year schools of choice by the deadline. 2) Begin seeking four-year funding outlets such as scholarships & aid.
POLSCI-001	American Government	3	
Total Semester 6 Units		6	
Semester 7			
BIO-038*	Microbiology	4	1) Renew financial aid.
COM-001*	Elements of Speech	3	
Total Semester 7 Units		7	
Semester 8			
NUT-001	Basic Nutrition	3	1) Petition to Graduate degree & commencement ceremony information.
GEOG-002 or PSYCH-001 or SOC-001	World Regional Geography or Introductory Psychology or Introduction to Sociology	3	
ART-042 or MUS-042	Art Appreciation or Music Appreciation	3	
Total Semester 8 Units		9	
Total Program Units		60	

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