

BACHELOR OF SCIENCE DEGREE IN BIOLOGY Catalog yr: 2015-16

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Appointments: www.sbs.arizona.edu/advising

Name: _____

Student # _____ Date: _____

General Education Requirements

English Composition

ENGL 101 & 102*	3	_____	3	_____
OR ENGL 107 & 108*	3	_____	3	_____
OR ENGL 109H*	3	_____	3	_____

*A grade of B or higher in ENGL102, 108 or 109H is required to satisfy the Mid-Career Writing Assessment (MCWA).

Second Language
2nd semester proficiency by credit or exam required _____

Mathematics
Requirement satisfied by Biology Foundation courses.

Tier One

Individuals & Societies (2 courses)- select from 150A, B & C
_____ & _____ 3 _____ 3 _____

Traditions & Cultures (2 courses)- select from 160A, B, C & D
_____ & _____ 3 _____ 3 _____

Tier Two

Arts (3 units)- _____ 3 _____

Humanities (1 course)- _____ 3 _____

Individuals & Societies (1 course)- _____ 3 _____

*Natural Sciences (NATS) requirement satisfied by major coursework.

Diversity Emphasis Course
One course must be taken that focuses on Gender, Race, Class, Ethnicity, Sexual Orientat. or Non-Western Studies. Certain Tier One & Two courses can also be used to satisfy this requirement.
_____ 3 _____

Biology Major Foundation Courses

Chemistry (General & Organic w/ labs)

CHEM 151 (F, S, SS) or CHEM 105A & 106A	4	_____
CHEM 152 (F, S, SS) or CHEM 105B & 106B	4	_____
CHEM 241A & 243A (F, S, SS)	3	1 _____
CHEM 241B & 243B (F, S, SS)	3	1 _____

Physics (Introductory Physics w/ labs)

PHYS 102 & 181- Algebra based (F, S, SS)	3	_____	1	_____
& PHYS 103 & 182 (F, S, SS)	3	_____	1	_____
OR PHYS 141 & 241- Calculus based (F, S, SS)	4	_____	4	_____

Mathematics (Calculus, I, II & BioStatistics)

MATH 122A & 122B OR 125 (3) (F, S, SS)	5	_____
MATH 129 (F, S, SS)	3	_____
MATH 263 OR 363 (F, S, SS)	3	_____

Graduation Requirements

- 120 total units 42 upper division units 30 units or more completed at UA 2.00 or higher cum & major GPA
- Major Complete General Education Complete MCWA Complete- A grade of B or higher in ENGL 102, 108 or 109H OR with ENGL 308.

Biology Major (35 Units Minimum)

Core Requirements[†]

MCB 181R	Intro Biology I (F, S, SS)	3	_____
MCB 181L	Intro Bio I Lab (Fall Only)	1	_____
E COL 182R	Intro Biology II (F, S, SS)	3	_____
E COL 182L	Intro Bio II Lab (Spring Only)	1	_____
E COL 302	Ecology w/ lab (Fall Only)	4	_____
E COL 320	Genetics (F, SS)	4	_____
E COL 335*	Evolutionary Bio (Spring Only)	4	_____
*Highly recommended prerequisite: ECOL320 (Genetics)			
BIOC 384**	Fund. of Biochemistry (F, S, SS)	3	_____
**BIOC 462A is an approved alternative			
†A grade of C or higher in all core courses is required to graduate			

Major Elective courses- General Biology
Elective courses must be upper division (300 or 400 level) and may only count towards one category below

-Physiology (3 units)
_____ 3 _____

-Genetics (3 units)
_____ 3 _____

-Cellular or Molecular Biology (3 units)
_____ 3 _____

-Organismal Biology (8 units)
_____ () _____
_____ () _____
_____ () _____

-Ecology, Evolution & Behavior (3 units)
_____ 3 _____

Additional Elective Requirements

Lab Component Course-
At least one major elective course must have a lab component.

Writing Emphasis Course-
At least one major elective course must be writing emphasis.

Upper Division Requirement

A minimum of 42 units of upper division (300/400 level) coursework is required to complete this degree.