Bachelor of Arts Biology (2021-2023)

Major Courses 11-12 courses; 19 credits must be from SU Must earn a C- or <u>better in all major courses</u>

	or better in all major courses.		
Course	Course Name	Grade	Credit
BIO50-121	Investigation into Living Systems		
BIO50-123	Living Systems		
BIO50-131	Investigation in Genetics		
BIO50-133	Molecular & Population Genetics		
Take the following	intermediate courses:		
BIO50-222	Methods in Ecology/Evolutionary Biology		
BIO50-232	Methods in Cellular/Molecular Biology		
Select one advance	ed cellular/molecular course from the following:		
BIO50-304	Special Topics (w/ permission of Dept Chair)*		
BIO50-394	Developmental Biology (lab)		
BIO50-404	Cancer Biology (no lab)		
BIO50-464	Molecular Biology (lab)		
BIO50-484	Microbiology (lab)		
BIO50-494	Biology of Reproduction (no lab)		
BIO50-514	Cellular Physiology (lab)		
BIO50-534	Fundamentals of Immunology (no lab)		
CHE51-604	Principles of Biochemistry (no lab)**		
CHE51-624	General Biochemistry II (no lab)*		
	e lab course to make it a course w/ lab option.		
Select one advance	ed ecology/evolution course from the following:		
BIO50-304	Special Topics (w/ permission of Dept Chair)*		
BIO50-314	Genetics (lab)		
BIO50-334	Evolutionary Biology (no lab)		
BIO50-374	Human Genetics and Evolution (no lab)		
BIO50-384	Conservation Biology (no lab)		
BIO50-434	Ecology (lab)		
BIO50-444	Invertebrate Ecology (lab)		
BIO50-474	Genetics, Genomics and Medicine (lab)		
Select two addition	al Biology courses (4 credits each) at 300-level or higher:		
BIO50-	v		
BIO50-			
	courses with lab (300+ level, Capstone not included)		
Biology Capstone S	Seminar		
	vo following options:		
BIO50-97X	Research in Biology (3 total credits reqd)		
BIO50-991	Biology Capstone Seminar		
or			
BIO50-994	Biology Capstone Seminar		
5,000 004	adite counting in the major (20 credit minimum required):		

Total number of credits counting in the major (30 credit minimum required):

Required Supporting Courses:

Courses in this section are not counted in the 30 credit minimum for the major.

CHE51-101	Chemical Methods and Techniques Lab I
CHE51-103	General Chemistry I
CHE51-201	Chemical Methods and Techniques Lab II
CHE51-203	General Chemistry II
MAT52-114	Introduction to Statistics

Total number of credits from required supporting courses:

General Education Requirements

Part I		Grade	Credit
UST05-014/214	First Year or Advanced Entry Seminar		
	Semester #1 of Foreign Language:		
	Semester #2 of Foreign Language:		
	Semester #3 of Foreign Language:		
	Social Justice course:		
FRA47-	Fitness/Recreational Activity course #1:		
FRA47-	Fitness/Recreational Activity course #2:		
	(must be different from FRA topic #1)		
Part II			
Exploration and Brea	dth - 6 courses		
	cannot be used to satisfy E&B requirements. Additionally, any other course contributing to Biology ify a Biology major requirement cannot be used in the E&B section.		
Public Speaking, Co	Ilege Writing & Creative Writing courses cannot count in E&B.		
		Grade	Credit
	Take one Humanities course:		
	Take one Natural Science course:		
	Take one Social Science course:		
	Take one Fine Arts course:		
digit prefix) used in th	course from two of the four areas listed above. Neither course may come from the department (3 ne four areas above. EX: If you took PSY33-104 Principles of Psychology as a social science, you er PSY course in the below section.	Grade	Credit
	Course #1:		
	Course #2:		

Total number of credits counting only in the Gen Ed section (30 credit minimum required):

University elective	ives
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Grade Credit

Total number of university electives/minor credits:

Total number of credits from a minor (use minor template to determine correct credit count). Enter credit amount here:

*Minors are optional.

Total number of earned credits counting in major, general education and university elective/minor areas:

University Graduation Requirements:

Students must earn a minimum of 127 earned credits to earn a Bachelor's degree; a minimum of 157 credits is required for dual degrees.

Cumulative GPA must be greater than a 2.0.

Major/Area of Concentration must have a GPA > 2.0.

All grades in a major/minor/core/required supporting courses/certification areas must be a C- or higher . Some majors/minors require higher grades.

At least 64 credits must be completed at Southwestern.

No more than 56 credits may be earned from any 5 digit prefix (except Art, Education and Theatre majors). See catalog for full rules.

60% of Major courses must be completed at Southwestern.

Majors must have a minimum of 30 credits.

General Education area must have a minimum of 30 credits.

No transfer credits taken outside of SU in final 32 credit hours without approval from the Registrar's Office (except for an approved Study Abroad program).

A limit of 1 FRA may be taken as a university elective and counted towards graduation requirements. Any additional FRA's, taken as a university elective, will be deducted from total earned credit.