Bachelor of Science Mathematics (2021-2023)

Student name:

Major courses

11 Courses; 26 credits must be from SU Must earn a C- or better in all major courses.

Course	Course Name	Grade	Credit
MAT52-164	Modern Calculus I		
MAT52-264	Modern Calculus II		
MAT52-364	Modern Calculus III		
MAT52-574	Probability and Mathematical Statistics		
MAT52-674	Linear Algebra		
MAT52-684	Algebraic Structures		
MAT52-754	Differential Equations		
MAT52-854	Real Analysis		
MAT52-894	Senior Seminar in Math Modeling		
Select two additional a acceptable approved o	pproved upper level MAT courses; PHY53-454 Math Methods in Physical Science is an course (3-4 cr each):		

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

Required Supporting Courses:

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

Courses in this s	ection may be used in the Exploration and Breadth section.	Grade	Credit
CSC54-184	Computer Science I		
CHE51-103/101	General Chemistry I/Chemical Methods & Techniques		
PHY53-154	Fundamentals of Phsyics I		
Select one introduc	tory Biology course from the following list:		
BIO50-123/121	Living Systems/Investigation Into Living Systems		
BIO50-133/131	Molecular and Population Genetics/Investigation Into Genetics		
Select one addition	al course from the following list:		
BIO50-123/121	Living Systems/Investigation Into Living Systems**		
BIO50-133-131	Molecular & Population Genetics/Investigation Into Genetics**		
CHE51-203/201	General Chemistry II/Chemical Methods & Techniques		
CSC54-284	Computer Science II		
PHY53-164	Fundamentals of Physics II		
PHY53-404	Electronics		
**The same course	cannot be used to satisfy more than one area within the required supporting course section.		

Total number of credits from required supporting courses:

General Edu	cation Requirements	Grade	Credit
Part I			
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:		
	Fitness/Recreational Activity course #1:		
	Fitness/Recreational Activity course #2:		
	(must be different from FRA topic #1)		

Part II				
Exploration and Br	readth - 6 courses			
	ses cannot be used to satisfy E&B requirements. Additionally, any other course contributing to h is used to satisfy a major requirement cannot be used in the E&B section.			
	College 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:			
Taka ana additiana	all accuracy from two of the four areas listed shows. No ither accuracy may some from the			
	al course from two of the four areas listed above. Neither course may come from the t prefix) used in the four areas above. EX: If you took PSY33-104 Principles of Psychology			
as a social science	e, you may not select another PSY course in the below section.	Grade	Credit	
	Course #1:			
	Course #2:			
Total number of cre	edits counting only in the Gen Ed section (30 credit minimum required):			
University e	lectives	Grade	Credit	
Total number of ur	niversity electives/minor credits:			
Total number of cr	edits from a minor (use minor template to determine correct credit count). Enter credit amount her	e:		
	edits from a minor (use minor template to determine correct credit count). Enter credit amount her	e:		
Total number of cre *Minors are opti	edits from a minor (use minor template to determine correct credit count). Enter credit amount her	e:		
Total number of cr *Minors are opt Total number of ea	edits from a minor (use minor template to determine correct credit count). Enter credit amount her ional.	e:		

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.