BACHELOR OF ARTS

Mathematics Major Courses 2019-2021

10 Courses; Minimum 39 credits required; 26 credits must be from SU

		~ -		Select three additional, approved upper level Math courses; PHY53-4.	54 Math M	ethods
Take one of the	e following: I	Grade	Credit	in Physical Science II is an acceptable approved course (3-4 cr each).	T	
MAT52-154	Calculus I			MAT52-XX4		
MAT52-164	Applied Multivariable Calculus I			MAT52-XX4		
				MAT52-XX4		
Take one of the	e following:					
MAT52-254 Calculus II				University electives and/or optional minor(s):		
MAT52-264	Applied Multivariable Calculus II					
Take one of the	e following:					
MAT52-354	Calculus III					
MAT52-364	Applied Multivariable Calculus III					
Required Sup	porting Course:					
CSC54-184	Computer Science I*					
*Normally com	npleted by end of sophomore year. May be used in	E&B section				
Take the following:		Grade	Credit			
MAT52-674	Linear Algebra					
MAT52-684	Algebraic Structures					
MAT52-854	Real Analysis					
MAT52-894	Senior Seminar in Math Modeling					
Major Field Test						

General Education Requirements

At least 30 total credits required; minimum 3 credits per requirement.

General Education - Part II: Exploration & Breadth (6 total courses)

MAT52-XXX courses cannot be used to satisfy E&B requirements. Additionally, any course that contributes to Mathematics and is used to satisfy a major requirement, may not

General Education - Part I

be used in the E&B section. *Take one of the following first semester seminars:* UST05-014 First Year Seminar UST05-214 Advanced Entry Seminar Select one course from each of the four following areas: Humanities: Foreign Language (three semesters of the same language) Natural Sciences: Social Sciences: *Social Justice Course (may double count with any requirement):* Fine Arts: Select one additional course from TWO of the four areas: Humanities, Natural Science, Social Science and Fine Arts. Neither course may come from the department (3 digit prefix) used above. EX: If you took PSY33-104 Principles of Psychology as a social science, you may not select another PSY33-XXX course to apply in this section. *Two Fitness/Recreational Activity courses (must be different topics):* *Public Speaking, College Writing and Creative Writing courses may not count in E&B. **University Graduation Requirements:** Minimum of 127 credits: Minor (optional): Cumulative GPA > 2.0Minimum 18 credits GPA > 2.0 for Major and/or Areas of Concentration Minimum of 12 credits taken at Southwestern All grades C- or higher in major/minor/core? Minimum 2.0 minor courses CGPA At least 64 credits completed at Southwestern No more than 56 credits of any 5 digit prefix Other: Major credits completed (min 30 required) Degree Audit Completed (Due one year before grad date) Grad Application Submitted (Due start of final semester) 60% of Major courses completed at Southwestern (26cr) Gen Ed has minimum of 30 credits Approved to be part time in last semester?