COLLEGE OF ARTS & SCIENCES

2021-22 MATHEMATICS

B.S. DEGREE PLAN

BIB121Life of Christ ¹ 2BIB122Acts of the Apostles ¹ 2MAT120Precalculus ³ 4MAT122Analytics and Calculus I ^{1,3} 4CIS171Computer Programming I3CIS172Computer Programming II ³ 3ENG101English Composition I ¹ 3ENG102English Composition II ^{1,3} 3ENG101English Composition I ¹ 3COM140Speech Communication ¹ 3Image: Second VEARSome Second VEARSome Second VEARSpring SemesterImage: Spring SemesterSecond VEARSpring SemesterSpring SemesterImage: Some Second VEARSpring SemesterSpring SemesterDept Crse # Course NameHrsBIBBible Elective2BIBBible Elective3MAT223Analytics and Calculus II ³ 4MAT224Analytics and Calculus III ³ 4PHS211Physics for Science & Engin. I ^{1,3} 4MAT330Linear Algebra ³ 33Image: Some Second Verses3Image: Elective3MAT223Analytics and Calculus II ³ 4MAT330Linear Algebra ³ 3Image: Some Second Colspan="4">Image: Some Second Colspan="4">Ima	-	FIRST YEAR - FRESHMAN							
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Fall Semester				Spring Semester			
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BIB		Bible Elective	2	BIB	495	Values in Human Thought ^{1,3}	3
MAT	353	Statistical Inference ³	3	MAT	426	Advanced Calculus ³	3
MAT	441	Number Theory ³	3			Electives	10
MAT	495	Mathematics Seminar ³	1				
		Electives	7				
			16				16

¹Liberal Arts Core Requirement

²Liberal Arts Core Requirements in *Undergraduate Catalog*

³Course has prerequisite. See corresponding *Undergraduate Catalog*

ADDITIONAL ITEMS RELATED TO THE MAJOR

A. MAT 120 Precalculus may be omitted by students who have completed a high school trigonometry or precalculus courses and who have a score of 27 or higher on the math portion of the ACT.

B. MAT424 Complex Analysis OR MAT426 Advanced Calculus is required for the major; however, it is recommended that majors complete both courses, when scheduling permits.

C. Note that many upper-division math courses are only offered every other year. To complete the degree requirements in four years, be sure to schedule required courses in the semester they are offered.

D. When selecting elective courses, be aware that all students must complete a minimum of 42 upper-division hours (300- or 400-level courses) in order to fulfill graduation requirements.

E. Math majors are encouraged to use elective hours to complete a minor or second major in another field of study.

The following guidelines are important. Failure to follow these guidelines may delay graduation.

- 1. Plan schedules carefully. Plan to fulfill prerequisites for future courses.
- 2. Do not alter the sequence of courses without consulting with your academic adviser as not all classes are offered every semester.
- 3. Before the enrollment period, check to make sure holds will not prevent you from registration.
- 4. Register for classes early during the registration period to secure classes.

The Four-Year Degree Plan is a suggested plan of study. This plan does not replace the *Undergraduate Catalog*. The *Undergraduate Catalog* provides the official listing of program requirements.

2021-22 Undergraduate Liberal Arts Core Requirements

I. Biblical Values	III. Broadened Perspectives			
A. Bible BIB 121 & 122 & 346 OR 446 7	A. Behavioral Sciences BIB/FAM 230 OR PSY 210 OR SOC 241 OR 3			
II. Basic Skills	SOC 251 B. Natural Sciences			
A. Written CommunicationENG 101 AND ENG 1026B. Oral CommunicationCOM 1403C Output itative Researing	BIO 100 OR BIO 105 OR BIO 110 OR BIO 3 111 OR BIO 112 OR BIO 211 OR CHE 121 8 & CHE 121L OR PHS 111 OR PHS 112 OR PHS 201 OR PHS 211 C. Arts and Humanities			
C. Quantitative Reasoning MAT 100 OR MAT 101 OR MAT 120 OR 3 MAT 122 OR MAT235				
<i>Complete course names and descriptions for the Liberal Arts Core Requirements are located in the Undergraduate Catalog.</i>	CRITICAL AND CREATIVE WORKS: 3 ART 110 OR ART 201 OR ART 234 OR ENG 215 OR ENG 225 OR ENG 235 OR ENG 299A/399A OR MUS 110 OR MUS 214 OR PHI 243 OR PHI 245 OR PHI246 OR THE 160 OR THE 265 OR THE 299A/399A			
	HUMANITIES CAPSTONE: BIB/HUM 495 3			
	Total 34			