

**COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
 MATHEMATICS MAJOR—OPTION 2 (REAL ANALYSIS SEQUENCE)
 PROGRAM YEAR 2019-2020**

COMPLETE ALL REQUIREMENTS (49 HOURS)

AREA I

TAKE THE FOLLOWING COURSES:

ENG 1101	COMP AND MODERN ENGLISH I	3 HOURS
ENG 1102	COMP AND MODERN ENGLISH II	3 HOURS

MINIMUM GRADE OF "C" REQ

AREA II

TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE	3 HOURS
TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS, INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA.	3 HOURS
TAKE ANY TWO 1000 2000 LEVEL COURSES WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS AREAS.	6 HOURS

NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREA III

MTH 1125	CALCULUS I	4 HOURS
MINIMUM GRADE OF "C" REQ		
TAKE ANY TWO 1000-2000 LEVEL SCIENCE CLASSES (CLASS AND CORRESPONDING LAB) FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS. SELECT 2: BIO 1100/L100, BIO 1101/L101, BIO 1120/L120,	8 HOURS	
B		

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN MATHEMATICS MAJOR—OPTION 2 (REAL ANALYSIS SEQUENCE) PROGRAM YEAR 2019-2020

MATHEMATICS MAJOR: OPTION 2 (REAL ANALYSIS SEQUENCE)

(38 HOURS)

MINIMUM 2.00 OVERALL GPA REQUIRED
TAKE THE FOLLOWING COURSES:

(MINIMUM GRADE OF 'C' REQUIRED)

MTH 1126	CALCULUS II	4 HOURS
MTH 2227	CALCULUS III	4 HOURS
MTH 3311	DIFFERENTIAL EQUATIONS	3 HOURS
MTH 3318	INTRO TO ADVANCED MATHEMATICS	3 HOURS
MTH 3331	LINEAR ALGEBRA	

My Degree Map serves as a guide to assist you with the proper sequence and selection of courses. It does not replace your Program Evaluation (available through Trojan Web Express), which depicts the official document used to clear students for graduation. My Degree map includes the required course work and suggested sequence of courses for a particular degree program. Every reasonable attempt has been made to ensure accuracy of content. Please keep in mind that some courses