

**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:

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| 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

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| 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

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| MTH 1125 | CALCULUS I | 4 HOURS |
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MINIMUM GRADE OF "C" REQ

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| 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 |
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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)

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| 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