

College of Health & Sciences

2018-2019 Mathematics - General Degree Plan

FIRST YEAR - FRESHMAN

| <u>Fall Semester</u> | <u>Spring Semester</u> |
|---|--|
| UNIV 1001 * Freshman Seminar | ENG 1213 * Freshman Composition II |
| ENG 1113 * Freshman Composition I | CMPSC 1113 * Computer Programming I |
| KIN 2122 * Wellness Or Nutrition FCS 1513 | 1-14 * Physical Science** |
| PS 1113 * United States Government | MATH 2825 Calculus & Analytic Geometry I |
| MATH 1513 * College Algebra | |
| MATH 1713 Trigonometry | |

15 or 16 TOTAL HOURS

15 TOTAL HOURS

SECOND YEAR - SOPHOMORE

| <u>Fall Semester</u> | <u>Spring Semester</u> |
|---|---|
| ---3 * Humanities-Western Civilization** | BIOL 1-14 * Life Science** |
| ---3 * Communication **(Speech OR Language) | ---3 * Humanities-Cultural/Human Diversity** |
| ---3 * Social Sciences** | HIST 24-3 * United States History Survey** |
| MATH 1223 Intro to Probability & Statistics | MATH 3033 Calculus & Analytic Geometry III |
| MATH 3025 Calculus & Analytic Geometry II | MATH 3093 Intro Theorem Proving & Number Theory |

17 TOTAL HOURS

16 TOTAL HOURS

THIRD YEAR - JUNIOR

| <u>Fall Semester</u> | <u>Spring Semester</u> |
|--|---|
| ---3 * Humanities & Social Sciences** | Choose one ---3 MATH 3713 Linear Algebra |
| Choose one ---3 MATH 3813 Modern Algebra | MATH 4133 Intermediate Analysis |
| Required Elective 3000-4000 Level | MATH ---3 Required Elective 3000-4000 Level |
| MATH 4113 Differential Equations | Choose one ---3 MATH 4223 Intro to Point Set Topology |
| ---7 Elective*** (7 hours) | Elective*** (3 hours) |
| | ---6 Elective*** (6 hours) |

16 TOTAL HOURS

15 TOTAL HOURS

FOURTH YEAR - SENIOR

| <u>Fall Semester</u> | <u>Spring Semester</u> |
|--|---|
| MATH 4923 Perspectives in Mathematics | MATH ---3 Required Elective 3000-4000 Level |
| Choose one ---3 MATH 3813 Modern Algebra | Choose one ---3 MATH 3713 Linear Algebra |
| Required Elective 3000-4000 Level | MATH 4133 Intermediate Analysis |
| ---9 Elective*** (9 hours) | Choose one ---3 MATH 4223 Intro to Point Set Topology |
| | Elective*** (3 hours) |
| | ---6 Elective*** (6 hours) |

15 TOTAL HOURS

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TOTAL DEGREE PLAN HOURS 124

*General Education Requirement

**See current catalog "General Education Requirements" for selection

***Minor (not required)/ Electives 31-37 hours