**Mathematics**2019-2021 Undergraduate Catalog

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| --- | --- | --- | --- | --- |
| **Semester 1 - Fall** | | | | |
| \*Fall Only | Credits | Major | Other | GEP |
| ENGL 101 – First-Year Composition | 3 |  |  | CS1 |
| MATH 236 – Calculus I | 4 | X |  | CS3 |
| Technology Fluency Course (COSC 101) | 3 |  | TF |  |
| ORIE 101 – Intro. to Higher Education | 1 |  | X |  |
| GEP Fine & Performing Arts | 3 |  |  | A |
| GEP Social Science | 3 |  |  | D |
| **Semester Total** | 17 |  | | |

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| **Semester 3 - Fall** | | | | |
| \*Fall Only | Credits | Major | Other | GEP |
| MATH 238 – Calculus III | 4 | X |  |  |
| MATH 280\* -- Introductory Applied Statistics and Data Science | 3 | X |  |  |
| MATH 315\* – Foundations of Math | 3 | X |  |  |
| GEP Humanities | 3 |  |  | B |
| General Elective | 3 |  | X |  |
| **Semester Total** | 16 |  | | |

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| **Semester 5 - Fall** | | | | |
| \*Fall only | Credits | Major | Other | GEP |
| MATH 451\* -- Modern Higher Algebra | 3 | X |  |  |
| MATH 432 – Differential Equations | 3 | X |  |  |
| GEP FSU Colloquia II | 3 |  |  | E |
| GEP Natural Science | 4 |  |  | C |
|  |  |  |  |  |
|  |  |  |  |  |
| **Semester Total** | 13 |  | | |

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| **Semester 7 - Fall** | | | | |
| \*Fall Only | Credits | Major | Other | GEP |
| MATH 491\* - Seminar in Math | 3 | X |  |  |
| General Elective | 3 |  | X |  |
| General Elective | 3 |  | X |  |
| General Elective | 3 |  | X |  |
| General Elective | 3 |  | X |  |
|  |  |  |  |  |
| **Semester Total** | 15 |  | | |

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| **Semester 2 - Spring** | | | | |
| \*\*Spring Only | Credits | Major | Other | GEP |
| IDIS 150 – First-Year FSU Colloquia | 3 |  |  | E |
| MATH 237 – Calculus II | 4 | X |  |  |
| MATH 350\*\* – Linear Algebra I | 3 | X |  |  |
| GEP Humanities | 3 |  |  | B |
| GEP Social Science | 3 |  |  | D |
|  |  |  |  |  |
| **Semester Total** | 16 |  | | |

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| **Semester 4 - Spring** | | | | |
| \*\*Spring Only  1Secondary Education track should take MATH 465 as their elective | Credits | Major | Other | GEP |
| ENGL 3xx – Advanced Writing | 3 |  |  | CS2 |
| MATH 440\*\* - Modern College Geometry | 3 | X |  |  |
| GEP Natural Science | 4 |  |  | C |
| MATH Elective1 (1 of 2) | 3 | X |  |  |
| General Elective | 3 |  | X |  |
| **Semester Total** | 16 |  | | |

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| **Semester 6 - Spring** | | | | |
| \*\*Spring Only  2Secondary Education track should take MATH 461 as their elective | Credits | Major | Other | GEP |
| MATH 380\*\* - Intro. To Prob. & Stats. | 3 | X |  |  |
| GEP Identity & Difference | 3 |  |  | F |
| MATH Elective2 (2 of 2) | 3 | X |  |  |
| General Elective | 3 |  | X |  |
| General Elective | 3 |  | X |  |
|  |  |  |  |  |
| **Semester Total** | 15 |  | | |

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| **Semester 8 - Spring** | | | | |
| \*\*Spring Only | Credits | Major | Other | GEP |
| MATH 470\*\* – Mathematical Modelling | 3 | X | X |  |
| General Elective | 3 |  | X |  |
| General Elective | 3 |  | X |  |
| General Elective | 3 |  | X |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Semester Total** | 12 |  | | |

**Updated by/date:** Dr. Justin Dunmyre, Mathematics, 5/21/19 **Total Credits:** 120