**Elementary Education – STEM Concentration**2019-2021 Undergraduate Catalog

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| **Semester 1 - Fall** | | | | |
|  | Credits | Major | PES | GEP |
| BIOL 149 – General Biology | 4 | X |  | C |
| EDUC 100 –Intro to Teacher Education | 1 |  | X |  |
| ENGL 101 – First-Year Composition | 3 |  |  | CS1 |
| HIST 100 – The Contemporary World | 3 |  |  | B |
| MATH 119 – College Algebra | 3 | X |  | CS3 |
| ORIE 101 – Intro. to Higher Education | 1 |  |  |  |
| **Semester Total** | 15 |  | | |

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| **Semester 3 - Fall** | | | | |
|  | Credits | Major | PES | GEP |
| CHEM 150 or CHEM 201 or PHYS 215 | 4 | X |  | E |
| EDUC 201 – Stdnts., Teachers, & LE | 3 |  | X |  |
| MATH 200 or MATH 340 | 3 | X |  |  |
| MATH 207 – Problem Solving Elem II | 3 | X |  |  |
| PSYC 150 – General Psychology | 3 |  |  | D |
|  |  |  |  |  |
| **Semester Total** | 16 |  | | |

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| **Semester 5 - Fall** | | | | |
|  | Credits | Major | PES | GEP |
| EDUC 200 – Phase I Teaching Lab | 1 |  | X |  |
| EDUC 202 – Foundations of Learning | 3 |  | X |  |
| EDUC 325 – Educational Tech Lab | 3 |  | TF |  |
| EDUC 376 – Special & Multicultural Ed. | 3 |  | X |  |
| MUSC 350 or EDUC 333 | 3 | X |  |  |
| REED 323 – Process & Acquisition | 3 |  | X |  |
|  |  |  |  |  |
| **Semester Total** | 16 |  | | |

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| **Semester 7 - Fall** | | | | |
| 1An evening section of ENES 100 is recommended | Credits | Major | PES | GEP |
| EDUC 402 – Internship I Seminar | 1 |  | X |  |
| ELED 494 – Teaching Internship I: P-9 | 6 |  | X |  |
| REED 420 – Assessment for Reading | 3 |  | X |  |
| REED 425 – Materials and Motivation | 3 |  | X |  |
| STEM Elective in Problem Solving1 | 3 | X |  |  |
|  |  |  |  |  |
| **Semester Total** | 16 |  | | |

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| **Semester 2 - Spring** | | | | |
|  | Credits | Major | PES | GEP |
| ART 110 – Visual Imagery | 3 |  |  | A |
| CHEM 100 or GEOG 103 | 4 |  |  | C |
| ENGL 150 – Intro to Literature | 3 |  |  | B |
| IDIS 150 – First-Year FSU Colloquium | 3 |  |  | E |
| MATH 206 – Problem Solving Elem I | 3 | X |  |  |
|  |  |  |  |  |
| **Semester Total** | 16 |  | | |

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| **Semester 4 - Spring** | | | | |
|  | Credits | Major | PES | GEP |
| ENGL 3xx – Advanced Writing | 3 |  |  | CS2 |
| MATH 109 – Probability & Statistics | 3 | X |  |  |
| GEOG 104 – Human Geography | 3 |  |  | F |
| PHEC 309 – Health & Physical Ed. | 3 | X |  |  |
| SOCI 100 – Intro. to Sociology | 3 |  |  | D |
|  |  |  |  |  |
| **Semester Total** | 15 |  | | |

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| **Semester 6 - Spring** | | | | |
|  | Credits | Major | PES | GEP |
| EDUC 340 – STEM Education | 3 | X |  |  |
| EDUC 401 – Assistantship Seminar | 1 |  | X |  |
| ELED 307 – Teaching Assistantship | 1 |  | X |  |
| ELED 471 – Math Curriculum | 3 |  | X |  |
| ELED 474 – Science Curriculum | 3 |  | X |  |
| ELED 475 – Social Studies Curriculum | 3 |  | X |  |
| REED 473 – Reading Instruction | 3 |  | X |  |
| **Semester Total** | 17 |  | | |

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| **Semester 8 - Spring** | | | | |
|  | Credits | Major | PES | GEP |
| EDUC 422 – Leadership Seminar | 3 |  | X |  |
| EDUC 440 – STEM Laboratory | 1 | X |  |  |
| ELED 495 – Teaching Internship II: P-9 | 9 |  | X |  |
|  |  |  |  |  |
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| **Semester Total** | 13 |  | | |

**Updated by/date:** Dr. Jodi Welsch, EDUC, 5/14/19 **Total Credits:** 124