**SHIPPENSBURG UNIVERSITY
DEPARTMENT OF TEACHER EDUCATION**PROGRAM PLANNING SHEETElementary/Middle Level Option #2- **Science and Social Studies**

**TOTAL CREDITS: 122 - 123**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student ID:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A student selecting this option will be certified to teach science grades 4-8.

**1. General Education (46-47 credits):**

**Foundations: 15 -16 credits CR SM**

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| UNIV 101 | **3** |  |
| ENG 114 Writing Intensive Seminar | **3** |  |
| HCS 100 Intro Human Communication | **3** |  |
| HIS 105 Historical Foundation of Global Cultures | **3** |  |
| MAT 117 Applied Statistics (3) *(Math placement levels 2-4)* **OR** MAT 217 Statistics I (4) *(Math placement levels 5-6)*  | **3 - 4** |  |

**Interconnections: 9 Credits CR SM**

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| **All Diversity and Global erspective Courses Required** |
| PSY 101 General Psychology  | **3** |  |
| ECO 101 Principles of Macroeconomics | **3** |  |
| GEO 101 World Geography  | **3** |  |

**Natural World and Technologies: 10 credits CR SM**

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| *All Required* |  |  |
| PHY 121 Physics I (3) AND PHY 123 Physics I Lab (1) | **4** |  |
| ESS 110 Introduction to Geology  | **3** |  |
| ESS 111 Intro to Atmosphere  | **3** |  |

**Citizenship and Responsibility: 6 Credits** **CR SM**

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| *All Required* | **6 Total** |
| GEO 140 Cultural Geography | **3** |  |
| PLS 100 Intro to Political Science | **3** |  |

**Creativity and Expressions: 6 Credits CR SM**

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| --- | --- |
| *Select 1 Literature & 1 Art Course* | **6 Total** |
| *Literature Course Options* | **3** |  |
| ENG 248 Introduction to Culturally Diverse Literature of the U.S **OR** ENG 250 Introduction to Literature~~THE 121 Introduction to the Theater~~ |  |  |
| Art Course Options |  |  |
| ART 101 Art Appreciation **OR** ART 231 Art History I **OR** ART 232 Art History II **OR** ART 233 Art History III **OR**ART 339 History of American Art **OR** IAP 111 Introduction to Interdisciplinary Arts **OR** MUS 121 Introduction to Music **OR** MUS 129 American Popular Music **OR** MUS 227 Opera & Music Theatre **OR** MUS 261 World Music |  |  |

**2. Professional Core (39 credits):**

**A. Middle Level Cognitive Development CR SM**

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| TCH 206 Social Foundations of Middle Level Education | **3** |  |

 **B. Early Adolescent and Adolescent Learning Theory CR SM**

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| TCH 261 Adolescent Development and Language Theory | **3** |  |

**C. Assessments and Interventions CR SM**

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| EEC 483 Assessing Children with Exceptionalities for Curricular Decision Making | **3** |  |

**D. Adaptations and Accommodations for Diverse Learners**

 **CR SM**

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| EEC 273 Introduction to Exceptionalities: Understanding Diverse Learners | **3** |  |
| EEC 423 Effective Instructional Strategies for Students with Exceptionalities | **3** |  |

**E. Middle Level Teaching Courses CR SM**

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| --- | --- | --- |
| RDG 232 Reading in the Elementary School | **3** |  |
| RDG 329 Reading in the Content Area | **3** |  |
| RDG 405 Teaching Writing in 4-8 Classrooms | **3** |  |
| TCH 251 Elements of Middle Level Instruction | **3** |  |
| TCH 345 Assessment and Evaluation | **3** |  |
| TCH 348 Teaching Middle Level Social Studies | **3** |  |
| TCH 366 Teaching Middle Level Science | **3** |  |

**F. English Language Learners (ELL) CR SM**

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| RDG 413 Teaching Reading to English Language Learners | **3** |  |

**3. Concentration area: Science (10 credits):**

A. Both Required **CR SM**

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| --- | --- | --- |
| BIO 162 Principles of Biology: Organismal Diversity  | **4** |  |
| CHM 105 An Observational Approach  | **3** |  |

B. Take one (3 credits) **CR SM**

|  |  |  |
| --- | --- | --- |
| BIO 100 Basic Biology **OR**BIO 142 Intro to Ecology **OR**BIO 145 Environmental Biology **OR**ESS 210 Physical Geography **OR**  | **3** |  |

**4. Concentration area: Social Studies (6 credits) CR SM**

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| **All Required** |
| HIS 106 Thinking History in a Global Age  | **3** |  |
| ECO 345 Economics of Growth and Development | **3** |  |

**5. Math Course Req. (6 credits) CR SM**

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| MAT 205 Concepts of Middle Level math | **3** |  |
| MAT 140A College Algebra, Level 3 (4) **OR** MAT 140B College Algebra, Level 4 (3)  | **3** |  |

**6. Student Teaching (15 credits): CR SM**

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| EDU 409 Seminar in Middle Level Student Teaching | **3** |  |
| EDU 495 Student Teaching Experience | **12** |  |

**KEY:**

**CR** = Credits the course is worth

**SM** = Semester taken

***Note on Prerequisites***

***Pre-calculus:*** *MAT 140A, MAT140B, math placement level 5, or permission of department chair.*

***Discrete Math:*** *Students must meet one of the following prerequisites: MAT140A or math placement level 4 or above.*

Students electing certain minors can be required to complete more credits to complete both the elementary program and the requirements of the selected minor. **ALL** students are required to complete at least **120 credit hours** for graduation.