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

**TOTAL CREDITS: 122-123**

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

A student selecting this option will be certified to teach science and language arts in grades 4-8 and

all subjects in grades 4 and 5

1. **General Education: 47 – 48 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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| *Take 2 courses in addition to Required Diversity Course. One Global Perspectives Course Required* | **9 Total** | |
| *Required Diversity Course* | **3** |  |
| PSY 101 General Psychology | **3** |  |
| *Global Perspectives Course Options* | | |
| ANT 105 Great Discoveries in Archaeology **OR**  ECO 101 Principles of Macroeconomics **OR**  GEO 101 World Geography **OR**  HIS 106 Thinking Historically in a Global Age **OR**  PLS 141 World Politics |  |  |
| *Foreign Language Course Options* | | |
| SPN 101 Beginning Spanish I Credits **OR**  SPN 102 Beginning Spanish II Credits **OR**  SPN 103 Intermediate Spanish Credits **OR**  SPN 202 Intermediate Conversation Credits **OR**  SPN 330 Spanish for the Professions Credits |  |  |

**Natural World and Technologies: 11 Credits**

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| --- | --- | --- |
| All Required | | |
| PHY 121 Physics I (3) AND PHY 123 Physics I Lab (1) | 4 |  |
| ESS 111 Intro to Atmosphere | 3 |  |
| BIO 162 Principles of Biology: Organismal Diversity | 4 |  |

**Citizenship and Responsibility: 7 Credits** **CR SM**

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| --- | --- | --- |
| *Select 1 Ethical Reasoning or Citizenship Course* | **3 Total** | |
| *Citizenship Course Options* | | |
| HIS 201 Early History of the United States **OR** PLS 100 US Government and Pol. |  |  |
| *Ethical Reasoning Course Option* | | |
| PHL 105 Ethical Theories and Problems |  |  |
| **Required Critical Reasoning Course** | | |
| MAT 225 Discrete Mathematics | **4** |  |

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

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| --- | --- | --- |
| *Required Literature Course & 1 Art Course* | **6 Total** | |
| *Required Literature Course* | **3** |  |
| ENG 250 Introduction to Literature |  |  |
| *Art Course Options* | **3** |  |
| 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**

|  |  |  |
| --- | --- | --- |
| 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 322 Teaching Middle Level Language Arts | **3** |  |
| TCH 251 Elements of Middle Level Instruction | **3** |  |
| TCH 345 Assessment and Evaluation | **3** |  |
| TCH 366 Teaching Science at the Middle Level | **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 (9 credits):**

A. Required **CR SM**

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| --- | --- | --- |
| CHM 105 An Observational Approach (N) | 3 |  |
| ESS 110 Introduction to Geology (N) | 3 |  |

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

|  |  |  |
| --- | --- | --- |
| ESS 210 Physical Geography **OR**  ESS 220 Oceanography **OR**  ESS 355 Meteorology **OR**  ESS 404 Applied Meteorology and Climatology | 3 |  |

**4. Concentration area: Language Arts (9 credits): CR SM**

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| --- | --- | --- |
| TCH 303 Books and Materials | **3** |  |
| ENG 366 History and Structure of the English Language | **3** |  |
| ENG 426 Adolescent Literature | **3** |  |

**5. Math Course Requirements (3 credits): CR SM**

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| --- | --- | --- |
| MAT 205 Concepts of Middle Level Math | **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:*** *MAT140A, 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.*