**8 Semester Plan for Childhood Education BSE leading to MAT with STEM**

 **FALL SEMESTER 1**  **SPRING SEMESTER 2**

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| **COURSE #** | **TITLE** | **HRS** |  | **COURSE #** | **TITLE** | **HRS** |  |
| ENGL 1013 | Composition 1 | 3 |  | ENGL 1023 | Composition 2 | 3 |  |
| MATH 1203 OR MATH 1313 | College Algebra (or higher)Quantitative Reasoning | 3 |  | HIST 2003 ORHIST 2013 | US History to 1877 ORUS History 1877 to Present | 3 |  |
| BIOL 1543BIOL 1524 | Principles of BiologyOR Biological Principles | 3 (4) |  | HIST 1113 OR 1123  | World Civilizations 1 ORWorld Civilizations 2 | 3 |  |
| BIOL 1541L | Principles of Biology Lab | 1 (0) |  | GEOS 1113  | Physical Geology | 3 |  |
| CIED 1013 | Introduction to Education | 3 |  | GEOS 1111 | Physical Geology Lab | 1 |  |
| PSYC 1403 OR PHIL 2003 (OR COMM 1233, PHIL 2103, PHIL 2203 OR PHIL 3103) | Introduction to Psychology OR Introduction to Philosophy(Media, Comm., & Citizen; Intro to Ethics; Logic; **OR** Ethics and Professions) | 3 |  | MATH 2213 | Math Structures 1 | 3 |  |
| **Total Hours** | **16** |  | **Total Hours** | **16** |  |

 **FALL SEMESTER 3**  **SPRING SEMESTER 4**

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| **COURSE #** | **TITLE** | **HRS** |  | **COURSE #** | **TITLE** | **HRS** |  |
| *Fine Arts Core* (ARHS 1003 **OR** MLIT 1003 OR THTR 1003) | Art Lecture **OR** Music Lecture OR Theatre Lecture | 3 |  | HIST 3383 | Arkansas & the Southwest **OR** any 3 hour Arkansas History | 3 |  |
| MATH 2223  | Math Structures 2 | 3 |  | ~~ENSC 1003/1001L~~ GEOS 1133 AND GEOS 1133L OR PHYS 1034, ASTR 2003/2001, **OR** STEM 4104 | ~~Environmental Science and Lab~~Earth Science & Lab OR Physics for Elem. Teachers, Astronomy with Lab **OR**Astronomy for Educators | ~~4~~ |  |
| ~~HIST 2013~~PLSC 2003 | ~~US History 1877 to Present~~American National Government | 3 |  | CIED 1003 | Intro to Technology in Education | 3 |  |
| GEOS 1123 **OR** ANTH 1023 | Human Geography **OR** Cultural Anthropology | 3 |  | WLIT 1113 OR WLIT 1123 | World Lit 1 ORWorld Lit 2 | 3 |  |
| COMM 1313 ORCOMM 2323 | Public Speaking ORInterpersonal Communication | 3 |  | CIED 3013  | Development and Learning Theories for the K-6 Classroom | 3 |  |
| **Total Hours** |  | **15** |  | **Total Hours** | **16** |  |  |

 **FALL SEMESTER 5 (1ST OFFICIAL SEMESTER AS CHED STUDENT) SPRING SEMESTER 6**

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| **COURSE #** | **TITLE** | **HRS** |  | **COURSE #** | **TITLE** | **HRS** |  |
| CIED 2943 | Foundations of Language and Literacy | 3 |  | CIED 3453 | Developmental Literacy  | 3 |  |
| CIED 3113 | Emergent Literacy | 3 |  | CIED 3123 | Math Methods in the K-6 Classroom | 3 |  |
| STAT 2303 | Principles of Statistics (or any 3 hour statistics course) | 3 |  | CIED 3023 | Survey of Exceptionalities | 3 |  |
| ENGL 2003 | Advanced Comp | 3 |  | ELECTIVE | ~~MATH~~ ELECTIVE | 3 |  |
| ELECTIVE | ELECTIVE | 3 |  | ECON 3053 or ECON 2143 | Economics for Elem. Teachers **OR**Basic Economics: Theory and Practice | 3 |  |
| **Total Hours** | **15** |  | **Total Hours** | **15** |  |

 **FALL SEMESTER 7**  **SPRING SEMESTER 8**

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| **COURSE #** | **TITLE** | **HRS** |  | **COURSE #** | **TITLE** | **HRS** |  |
| CIED 3143 | Teaching Science in the Elementary Grades | 3 |  | CIED 4153  | Classroom Management in the Elementary Grades | 3 |  |
| CIED 4183 | Instruction and Assessment in Writing | 3 |  | CIED 4533 | Reading Comprehension through Children and Adolescent Literature | 3 |  |
| STEM 4033  | Introduction to STEM Education  | 3 |  | CIED 4423 | Teaching English as a Second Language | 3 |  |
| CIED 3133  | Integrated Social Studies for the K-6 Classroom | 3 |  | STEM 4043 | Creativity and Innovation in STEM Education | 3 |  |
| CIED 3053  | Emerging Adolescent | 3 |  | ELECTIVE | Elective | 3 |  |
| **Total Hours** | **15** |  | **Total Hours** | **15** |  |
| **Total Hours for Degree Completion**  | **123** |  |

**Elementary Education MAT with STEM**

**SUMMER Fall MAT Spring MAT**

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|  | **HRS** | **GR** | **COURSE #** | **TITLE** | **HRS** | **GR** | **COURSE #** | **TITLE** | **HRS** | **GR** |
| CIED 5173 – Literacy Assessment | 3 |  |  CIED 5162 | Applied Practicum | 2 |  | CIED 5032 | Curriculum Design | 2 |  |
| CIED 5013 – Measurement, Research, and Stats in the Schools | 3 |  |  CIED 5053 | Multicultural Issues in ELED | 3 |  | CIED 5073 | Action Research in Elementary Education | 3 |  |
|  |  |  | CIED 5022 | Classroom Management Concepts | 2 |  | CIED 5003 | Elementary Education Seminar | 3 |  |
|  |  |  | +CIED 508V | Elementary Education Cohort Teaching Internship | 3 |  | +CIED 508V | Elementary Education Cohort Teaching Internship | 3 |  |
|  |  |  | STEM 5203 | Problem Based Mathematics in STEM | 3 |  | STEM 5213 | Problem Based Science in STEM | 3 |  |
| **TOTAL Hours**  | **6** |  | **Total Hours** | **13** |  | **Total Hours** | **14** |  |
| **+"B" or better required for graduation** |  |  |  |  | **Total Hours for Degree Completion** | **33** |  |