

## ATTACHMENT 4A-5

### Arkansas Department of Education K-6 Competencies correlated with UofA Elementary Education BSE and MAT (CHEDBS and ELEDMA) Course Requirements

<p><b>1. English/Language Arts</b></p> <ul style="list-style-type: none"> <li>• Reading - Foundational Skills</li> <li>• Reading – Literature</li> <li>• Reading – Informational Text</li> <li>• Writing</li> <li>• Speaking and Listening</li> <li>• Language (Grammar)</li> <li>• Disciplinary Literacy</li> </ul> <p>ACEI: 2.1, 3.5</p> <p>ATS (InTASC): Standard 2a, 2c, 2d, 2e, 2o, 3f, 3l, 3q, 3r, 4, 4h, 5e, 5m, 5n, 5s, 6, 7, 8h, 8i, 8m, 8q, 9</p> <p>CCSS-ELA: RF.K-5.1-4; RL.K-5.1-10; RL.6.1-10; RI.6.1-10; RH.6-8.1-10; RST.6.1-10; RST.6-8.1-10; W.K-5.1-10; W.6.1-10; WHST.6-8.1-10; SL.K-5.1-6; SL.6.1-6; L.K-5.1-6; L.6.1-6</p> <p>Praxis II (5032): IA1, IA2, IB1, IB2, IB3, IB4, IIA1, IIA2, IIA3, IIB1, IIB2, IIB3, IIB4, IIC1, IIC2, IIC3</p> <p>NCTE-IRA: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12</p>	<p>CIED 3103: Children and Adolescent Literature</p> <p>CIED 3113: Emergent and Developmental Literacy</p> <p>CIED 3123: Math Methods</p> <p>CIED 3133: Integrated Social Studies</p> <p>CIED 3143: Teaching Science in the Elementary Grades</p> <p>CIED 3262: Language Development for the Educator</p> <p>CIED 4113: Integrated Communication Skills</p> <p>CIED 4363: Disciplinary Literacy</p> <p>CIED 5003: Elementary Education Seminar</p> <p>CIED 5013: Measurement, Research, and Stats in the Schools</p> <p>CIED 5032: Curriculum Design Concepts</p> <p>CIED 508V: Elementary Internship</p> <p>CIED 5073: Action Research</p> <p>CIED 5173: Literacy Assessment and Intervention</p> <p><i>[Additional ELA courses for MAT READING OPTION STUDENTS ONLY: CIED 5593: Advanced Diagnosis of Literacy Problems, CIED 5793: Practicum, Lab, Field Experience, CIED 5963: Reading in Middle and Secondary Schools, and CIED 6233: Organization of Reading Programs]</i></p> <p><i>[Additional course for MAT ESL OPTION STUDENTS ONLY: CIED 4413, Acquiring a 2<sup>nd</sup> Language]</i></p> <p>COMMUNICATION Options: COMM 1313: Public Speaking OR COMM 2323: Interpersonal Communication</p>
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	<p>ENGL 1013: Comp. I</p> <p>ENGL 1023: Comp. II</p> <p>ENGL 2003: Advanced Composition</p> <p>STEM 4033: Introduction to STEM Education</p>
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ACEI = Association for Childhood Education International

ATS (InTASC) = Arkansas Teaching Standards (Interstate Teacher Assessment and Support Consortium)

CCSS-ELA = Common Core State Standards – English/Language Arts

Praxis II (5032) = Praxis II Elementary Education: Reading and Language Arts Subtest

**\*Notes regarding Disciplinary Literacy Competencies for K-6 and 4-8**

*The Disciplinary Literacy Competencies for grades K-8 overlap such that there is no distinction between the requirements for the K-6 and 4-8 licenses. Reference the Common Core State Standards (CCSS) for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects K-5 and the Standards for Literacy in History Social Studies, Science, and Technical Subjects 6-12*

*Based on the CCSS, the Disciplinary Literacy Competencies for K-5 address all content areas across the Reading Informational and Writing strands. The competencies for grades 6-8 are presented in one grade band that is divided as follows: Reading in History/Social Studies, Reading in Science and Technical Subjects, and Writing in History/Social Studies, Science, and Technical Subjects.*

<p><b>2. Mathematics</b></p> <ul style="list-style-type: none"> <li>• Counting and Cardinality</li> <li>• Operations and Algebraic Thinking</li> <li>• Numbers and Operations in Base Ten</li> <li>• Numbers and Operations – Fractions</li> <li>• Ratios and Proportional Relationships</li> <li>• The Number Systems</li> <li>• Measurement and Data</li> <li>• Geometry</li> <li>• Expressions and Equations</li> <li>• Statistics and Equations</li> </ul> <p>ACEI: 2.3</p> <p>ATS (InTASC): Standard 4</p> <p>CCSS-MATH: CC.K; OA.1-5; NBT.K-5; NF.3-5; RP.6; NS.6; MD.K-5; G.K-6; EE.6; SP.6</p>	<p>CIED 3123: Math Methods</p> <p>CIED 3143: Teaching Science</p> <p>CIED 4363: Disciplinary Literacy</p> <p>CIED 5003: Elementary Education Seminar</p> <p>CIED 5013: Measurement, Research, and Stats in the Schools</p> <p>CIED 508V: Elementary Internship</p> <p>MATH 1203: College Algebra</p> <p>MATH 2213: Math Structures I</p> <p>MATH 2223: Math Structures II</p> <p>Additional MATH elective</p> <p>STAT 2303: Introduction to Statistics</p>
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Praxis II (5033): IA1, IA2, IA3, IA4, IB2, IB3, IB7, IIA1, IIA2, IIB1, IIB2, IIB3, IIB4, IIB5	<i>[Additional courses for MAT STEM OPTION STUDENTS ONLY: STEM 5023: Problem based mathematics in STEM and STEM 5203: Creativity and Innovation]</i>
ACEI = Association for Childhood Education International  ATS (InTASC) = Arkansas Teaching Standards (Interstate Teacher Assessment and Support Consortium) CCSS-MATH = Common Core State Standards – Mathematics Praxis II (5033) = Praxis II Elementary Education: Mathematics Subtest	
<p><b>3. Science</b></p> <ul style="list-style-type: none"> <li>• Fundamental understanding of the integration of STEM (science, technology, engineering, and mathematics)</li> <li>• Fundamental understanding of the vision for K-6 science education: scientific and engineering practices, cross cutting concepts, and core ideas</li> <li>• Principles of Life Science</li> <li>• Principles of Physical Science</li> <li>• Principles of Earth and Space Science</li> <li>• Principles of Engineering Design, Technology, and Applications of Science</li> </ul> <p>ACEI: 2.2</p> <p>ATS (InTASC): Standard 4</p> <p>NGSS: K-6</p> <p>CCSS: English Language Arts &amp; Literacy in Science, and Technical Subjects, grades K-6</p> <p>CCSS: Mathematics, grades K-6</p> <p>Praxis II (5035): IA1, IA2, IA3, IA4, IA5, IA6, IA7, IA8, IA9, IIA1, IIA2, IIA3, IIA4, IIA5, IIA6, IIA7, IIA8, IIA9, IIA10, IIA11, IIIA1, IIIA2, IIIA3, IIIA4, IIIA5, IIIA6, IIIA7, IIIA8</p>	BIOL 1543/1541L: Principles of Biology/Lab  CIED 3123: Math Methods  CIED 3143: Teaching Science  CIED 4363: Disciplinary Literacy  CIED 5003: Elementary Education Seminar  CIED 508V: Elementary Internship  ENSC 1003: Environmental Science  GEOL 1113/111L: General Geology/Lab  PHYSICAL SCIENCE Options (PHYS 1034 OR ASTR 2003 / 2001)  STEM 4033: Introduction to STEM Education  <i>[Additional courses for MAT STEM OPTION STUDENTS ONLY: STEM 5203: Creativity and Innovation and STEM 5033: Problem based science in STEM]</i>
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 CCSS = Common Core State Standards  
 NGSS = Next Generation Science Standards  
 Praxis II (5035) = Praxis II Elementary Education: Science Subtest

<p><b>4. Social Studies</b></p> <ul style="list-style-type: none"> <li>• Social Studies as a Field of Study</li> <li>• Culture</li> <li>• Time Continuity and Change (History)</li> <li>• People, Places and Environments</li> <li>• Individual Development</li> <li>• Identity</li> <li>• Individuals, Groups and Institutions</li> <li>• Power Authority and Governance (Civics &amp; U.S. Government)</li> <li>• Production, Distribution and Consumption (Economics)</li> </ul> <p>ACEI: 2.4</p> <p>ATS (InTASC): Standards 2-5 &amp; 7</p> <p>NCSS: National Standards for Social Studies Teachers, Volume I (2002).</p> <p>NCSS: National Curriculum Standards for Social Studies: A Framework for Teaching, Learning, and Assessment (2010). Themes 1-10</p> <p>Praxis II (5034): I, II, III</p> <p>Praxis II (5032): IB2, IB4 (CCSS Reading); IIB2, IIB4 (CCSS Writing)</p>	<p>CIED 3133: Integrated Social Studies</p> <p>CIED 4363: Disciplinary Literacy</p> <p>CIED 5003: Elementary Education Seminar</p> <p>CIED 5053: Multicultural Issues</p> <p>CIED 508V: Elementary Internship</p> <p><i>[Additional courses for MAT ESL OPTION STUDENTS ONLY: CIED 4403: Understanding Cultures and CIED 4413: Acquiring a 2<sup>nd</sup> Language]</i></p> <p>ECONOMICS Options: ECON 2143: Basic Economics OR ECON 3053: Economics for Elementary Teachers</p> <p>GEOGRAPHY Options: GEOG 1123: Human Geography OR ANTH 1023: Cultural Anthropology</p> <p>HUMANITIES Options: COMM 1233: Media, Community, and Citizenship, OR WLIT 1113: World Literature, OR PHIL 2203: Logic, OR PHIL 3103: Ethics and the Professions</p> <p>WORLD HISTORY Options: HIST 1113: Institutions and Ideas of World Civilizations I OR HIST 1123: World Civ II</p> <p>HIST 2003: History of the American People to 1877</p> <p>HIST 2013: History of the American People , 1877 to Present</p> <p>HIST 3383: Arkansas in the Southwest</p> <p>PLSC 2003: American National Government</p> <p>STEM 4033: Introduction to STEM Education</p>
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 CCSS = Common Core State Standards  
 NCSS = National Council for the Social Studies

Praxis II (5034) = Praxis II Elementary Education: Social Studies Subtest	
<p><b>5. Art, Music, Physical Education, Health</b></p> <p>ACEI: 2.5, 2.6, 2.7 ATS (InTASC): Standard 4</p>	<p>ARHS 1003 Basic Course in the Arts: Art Literature</p> <p>CIED 1002: Introduction to Education</p> <p>CIED 5003: Elementary Education Seminar</p> <p>CIED 5032: Curriculum Design Concepts</p> <p>CIED 508V: Elementary Internship</p> <p>CPR and First Aid Requirement</p> <p>MLIT 1003: Basic Course in the Arts: Music Literature</p> <p>UNIV 1001: University Perspectives</p>
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<p><b>6. Diversity, Special Education and Disabilities</b></p> <ul style="list-style-type: none"> <li>• Diversity</li> <li>• Foundations of Special Education</li> <li>• Students with Disabilities</li> </ul> <p>ACEI: Standards 3.2, 5.2 ATS (InTASC): Standards 1, 2, 3, 6, 7, 8 Praxis II (0622) Universal Design for Learning (UDL)</p>	<p>CIED 1002: Introduction to Education</p> <p>CIED 3013: Development and Learning Theories in the K-6 Classroom</p> <p>CIED 3023: Survey of Exceptionalities</p> <p>CIED 3053: The Emerging Adolescent</p> <p>CIED 3113: Emergent and Developmental Literacy</p> <p>CIED 3123: Mathematics Methods</p> <p>CIED 3133: Integrated Social Studies</p> <p>CIED 3143: Teaching Science in the Elementary Grades</p> <p>CIED 4113: Integrated Communication Skills</p> <p>CIED 4153: Classroom Management</p> <p>CIED 4423: Teaching a 2<sup>nd</sup> Language</p> <p>CIED 5003: Elementary Seminar</p> <p>CIED 5022: Classroom Management Concepts</p>

	<p>CIED 5032: Curriculum Design Concepts</p> <p>CIED 5053: Multicultural Issues</p> <p>CIED 508V: Elementary Internship</p> <p>CIED 5073: Action Research</p> <p>CIED 5173: Literacy Assessment and Intervention</p> <p><i>[Additional courses for MAT ESL OPTION STUDENTS ONLY: CIED 4403: Understanding Cultures, CIED 4413: Acquiring a 2<sup>nd</sup> Language, CIED 5933: Second Language Methodologies, and CIED 5953: Second Language Assessments]</i></p> <p><i>[Additional courses for MAT GT OPTION STUDENTS ONLY: CIED 5803: Nature &amp; Needs of the Gifted &amp; Talented, CIED 5813: Curriculum Development of the Gifted &amp; Talented, CIED 5823: Structured Practicum for the Gifted &amp; Talented, CIED 5993: Social and Emotional Components of the Gifted &amp; Talented, CIED 6073: Seminar in Developing Creativity, and CIED 6413: Differentiated Instruction for Academically Diverse Learner]</i></p>
<p>ACEI = Association for Childhood Education International</p> <p>ATS (InTASC) = Arkansas Teaching Standards (Interstate Teacher Assessment and Support Consortium)</p> <p>Praxis II (0622) = Praxis II Principles of Learning and Teaching: Grades K-6</p>	

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