**INSTRUCTIONS**

Please complete Educator Preparation Program (EPP) Name & EPP Code above. Certification Requirements:

- **Course Number** – List the course number(s) for the course(s) or groups of competencies that align with the specific section of the requirements. It is possible to have more than one course or group listed.
- **Course Title** – List the course title(s) for the course(s) or groups of competencies that align with the specific section of the requirements. It is possible to have more than one course or group listed.
- **Semester Hours** – List the number of semester hours for each specific section. It is possible to use decimals (to the nearest tenth) to indicate partial use of a course to meet a requirement. The total number of semester hours must meet or exceed the minimum required number of semester hours.

Email the completed cover sheet, curriculum matrix, and advising/program information to DESE.MoSPETransition@dese.mo.gov on or before the date established in the Transition Plan.

**QUESTIONS:** Contact Educator Preparation, 573-751-1668 or DESE.MoSPETransition@dese.mo.gov

### A. Professional Requirements (Minimum of 26 semester hours)

**1. Content Planning and Delivery**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>a. EDUC 3280</td>
<td>Teaching Methods &amp; Skills in Content Areas</td>
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<tr>
<td>b. EDUC 3280</td>
<td>Teaching Methods &amp; Skills in Content Areas</td>
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<tr>
<td>c. EDUC 3280</td>
<td>Teaching Methods &amp; Skills in Content Areas</td>
<td></td>
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<tr>
<td>d. EDUC 3280</td>
<td>Teaching Reading in Content Area</td>
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<tr>
<td>e. EDUC 3280</td>
<td>Teaching Methods &amp; Skills in Area</td>
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<td>f. EDUC 3280</td>
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<td>g. EDUC 3280</td>
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**2. Individual Student Needs**

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<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>a. Psych 3310</td>
<td>Developmental Psychology</td>
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<tr>
<td>b. Psych 4310</td>
<td>Psychology of the Exceptional Child</td>
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<tr>
<td>c. EDUC 3280</td>
<td>Teaching Methods &amp; Skills in Content Areas</td>
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### 3. Schools and the Teaching Profession

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Semester Hours</th>
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<tr>
<td>EDUC 3280</td>
<td>Teaching Methods &amp; Skills in Content Areas</td>
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<tr>
<td>EDUC 3216</td>
<td>Teaching Reading in Content Area</td>
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</tr>
<tr>
<td>EDUC 1174</td>
<td>School Org &amp; Adm for Elem &amp; Sec Teachers</td>
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<tr>
<td>EDUC 1040</td>
<td>Perspectives in Education</td>
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<tr>
<td>EDUC 2102</td>
<td>Educational Psychology</td>
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<td>School Org &amp; Adm for Elem &amp; Sec Teachers</td>
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<tr>
<td>EDUC 1040</td>
<td>Perspectives in Education</td>
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### 4. Secondary Literacy (Minimum of six semester hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>EDUC 3216</td>
<td>Teaching Reading in Content Area</td>
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<tr>
<td>English 3170</td>
<td>Teaching &amp; Supervising Reading &amp; Writing</td>
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### B. Field and Clinical Experiences (Minimum of 10 semester hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>EDUC 1104</td>
<td>Teacher Field Experience</td>
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</tr>
<tr>
<td>EDUC 1164</td>
<td>Aiding Elem, Middle &amp; Sec Schools</td>
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</tr>
<tr>
<td>EDUC 4299</td>
<td>Student Teaching Seminar</td>
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### Field and Clinical Experiences - Total Semester Hours

**16**

### C. Mathematics Content Knowledge Area (Minimum of 36 semester hours)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>Math 1214</td>
<td>Calculus with Analytic Geometry I</td>
<td>4</td>
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<tr>
<td>Math 1215</td>
<td>Calculus with Analytic Geometry II</td>
<td>4</td>
</tr>
<tr>
<td>Math 2222</td>
<td>Calculus with Analytic Geometry III</td>
<td>4</td>
</tr>
<tr>
<td>Math 1120 or 1140</td>
<td>College Algebra</td>
<td>5 or 3</td>
</tr>
<tr>
<td>Math 4530</td>
<td>Topics in Geometry</td>
<td>3</td>
</tr>
<tr>
<td>IS&amp;T 1551 or Comp Sci 1500 or Comp Sci 1570 or Comp Sci 1971/1981 or Comp Sci 1970/1980</td>
<td>Implementing Information Systems: User Perspective</td>
<td>3 or 3</td>
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<tr>
<td></td>
<td>Intro to Programming Methodology/Lab</td>
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<tr>
<td></td>
<td>Basic Scientific Programming/Computer Programming Laboratory</td>
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<tr>
<td>Math 1101</td>
<td>Intro to Mathematics</td>
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<tr>
<td>Math 2222</td>
<td>Calculus with Analytic Geo III Elementary</td>
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<tr>
<td>Math 3304</td>
<td>Differential Equations</td>
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<tr>
<td>Math 1120 or 1140</td>
<td>College Algebra</td>
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</tr>
<tr>
<td>Math 1160</td>
<td>Trigonometry</td>
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</tr>
<tr>
<td>Math 1101</td>
<td>Intermediate Differential Equations</td>
<td>3, 3</td>
</tr>
<tr>
<td>Math 2222</td>
<td>Modern Algebra I</td>
<td></td>
</tr>
<tr>
<td>Math 3304</td>
<td>Modern Algebra II</td>
<td></td>
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<tr>
<td>Math 1120 or 1140</td>
<td>Combinatorics And Graph Theory</td>
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<tr>
<td>Math 1160</td>
<td>Linear Algebra II</td>
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<tr>
<td>Choose two from upper electives: MATH 5302, MATH 5105, MATH 5106, MATH 5107, MATH 5108, MATH 5215, MATH 5222, MATH 5325, MATH 5351, MATH 5483, MATH 5585, MATH 5737</td>
<td>Introduction To Real Analysis</td>
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<td></td>
<td>Vector And Tensor Analysis</td>
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<td>Partial Differential Equations</td>
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<td></td>
<td>Introduction To Complex Variables</td>
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<td></td>
<td>Operational Calculus</td>
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</tr>
<tr>
<td></td>
<td>Introduction To Topology</td>
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<tr>
<td></td>
<td>Financial Mathematics</td>
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</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Additional Mathematics coursework – Minimum of 12 semester hours to include at least three of the following areas of Mathematics:</td>
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<td>-------------</td>
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</tr>
<tr>
<td>STAT 5643</td>
<td>Probability And Statistics</td>
<td>a. History of Mathematics (three semester hours) Math 3109 Foundations of Mathematics 3</td>
</tr>
<tr>
<td>STAT 5644</td>
<td>Mathematical Statistics</td>
<td>b. Structure of the Real Number System (three semester hours) Math 4209 Advanced Calculus 1 3</td>
</tr>
<tr>
<td>STAT 5346</td>
<td>Regression Analysis</td>
<td>c. Number Theory (three semester hours)</td>
</tr>
<tr>
<td>STAT 5353</td>
<td>Statistical Data Analysis</td>
<td>d. Completion of Calculus Sequence (three semester hours) Math 4209 and 4211 Advanced Calculus 1 and 2 3</td>
</tr>
<tr>
<td>COMP SCI 5201</td>
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<td>f. Computer Science (three semester hours) Can only count course toward elective hours if not already used to fulfill C.4. above: IS&amp;T 1551 or Comp Sci 1500 or Comp Sci 1570 or Comp Sci 1971/1981 or Comp Sci 1970/1980 or Comp Sci 1972/1982 Implementing Information Systems: User Perspective Computational Problem Solving Intro to Programming Intro to Programming Methodology/Lab or Basic Scientific Programming/Computer Programming Laboratory Intro to MATLAB Programming/Lab 3 or 3 or 2,1 or 2,1 or 2,1</td>
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<tr>
<td>COMP SCI 5202</td>
<td>Object-Oriented Numerical Modeling I</td>
<td>g. Linear Algebra (three semester hours) Math 3108 Linear Algebra I 3</td>
</tr>
</tbody>
</table>

The Department of Elementary and Secondary Education does not discriminate on the basis of race, color, religion, gender, national origin, age, or disability in its programs and activities. Inquiries related to Department programs and to the location of services, activities, and facilities that are accessible by persons with disabilities may be directed to the Jefferson State Office Building, Office of the General Counsel, Coordinator – Civil Rights Compliance (Title VI/Title IX/504/ADA/Age Act), 6th Floor, 205 Jefferson Street, P.O. Box 480, Jefferson City, MO 65102-0480; telephone number 573-526-4757 or TTY 800-735-2966 email civilrights@dese.mo.gov.