



## MIDDLE SCHOOL EDUCATION-AGRICULTURE (ADDED CERTIFICATE ONLY) GRADES 5-9

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| EDUCATOR PREPARATION PROGRAM NAME<br><b>MISSOURI STATE UNIVERSITY</b> | EDUCATOR PREPARATION PROGRAM CODE<br><b>119119</b> |
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### INSTRUCTIONS

Please complete Educator Preparation Program (EPP) Name & EPP Code above. The EPP Code may be located at <https://dese.mo.gov/sites/default/files/EPP-Code-Name.pdf>

#### 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](mailto:DESE.MoSPETransition@dese.mo.gov) on or before the date established in the Transition Plan.

QUESTIONS: Contact Gale Hairston, 573/751-1668 or [DESE.MoSPETransition@dese.mo.gov](mailto:DESE.MoSPETransition@dese.mo.gov)

### A. Professional Requirements (Minimum of 45 semester hours)

#### 1. Content Planning and Delivery

|  | Course Number                        | Course Title   | Semester Hours          |
|--|--------------------------------------|--|-------------------------|
| a. Curriculum and Instructional Planning                             | SEC302                               | General Methods of Instruction in the Middle and Secondary Schools   | 1(3)                    |
| b. Instructional Strategies and Techniques in Content Area Specialty | AGE 558 or AGE658                    | Teaching of Agriculture  | 1(3)                    |
| c. Assessment, Student Data, and Data-Based Decision-Making          | SFR486 or MID439                     | Management and Assessment in the Middle and Secondary Classroom<br>Middle School Instructional Strategies                          | 1.5(3)<br>1(3)          |
| d. Strategies for Content Literacy                                   | RDG474 or RDG710                     | Reading and Writing in the Content Fields, Content Area Literacy   | 0(3)                    |
| e. Critical Thinking and Problem Solving                             | SEC302<br>EDC350 or MID439           | General Methods of Instruction in the Middle and Secondary Schools<br>School and Society<br>Middle School Instructional Strategies | .5(3)<br>1.5(3)<br>1(3) |
| f. English Language Learning   | RDG474 or RDG710<br>RDG574 or RDG640 | Reading and Writing in the Content Fields, Content Area Literacy<br>Analysis and Correction of Difficulties in Literacy            | 0(3)<br>0(3)            |

#### 2. Individual Student Needs

|  | Course Number                                  | Course Title   | Semester Hours          |
|--|--|--|-------------------------|
| a. Psychological Development of the Child and Adolescent | PSY360 or PSY710                               | Educational Psychology, Psychology of Education  | 1.5(3)                  |
| b. Psychology/Education of the Exceptional Child         | SPE340 or SPE710<br>or SPE310                  | Educational Alternative for Exceptional Students, Foundations in Special Education<br>Introduction to Special Education  | 2-3<br>3                |
| c. Differentiated Learning                               | SEC302<br>RDG474 or RDG710<br>RDG574 or RDG640 | General Methods of Instruction in the Middle and Secondary School<br>Reading and Writing in the Content Fields, Content Area Literacy<br>Analysis and Correction of Difficulties in Literacy | .5(3)<br>0(3)<br>0(3)   |
| d. Classroom Management                                  | SFR486 or MID400<br>MID 439                    | Management and Assessment in the Middle and Secondary Classroom or<br>Philosophy, Curriculum and Organization of Middle School Education<br>Middle School Instructional Strategies           | 1.5(3)<br>.5(3)<br>0(3) |
| e. Cultural Diversity                                    | EDC345   | Introduction to Multicultural Education and Diversity  | 3                       |
| f. Educational Psychology                                | PSY360 or PSY710                               | Educational Psychology, Psychology of Education  | 1.5(3)                  |

#### 3. Schools and the Teaching Profession

|  | Course Number                        | Course Title   | Semester Hours                   |
|--|--------------------------------------|--|----------------------------------|
| a. Consultation and Collaboration            | RDG474 or RDG710                     | Reading and Writing in the Content Fields, Content Area Literacy   | 0(3)                             |
| b. Legal/Ethical Aspects of Teaching         | EDC350 or MID439<br>MID493<br>MID494 | School and Society or Middle School Instructional Strategies<br>Supervised Teaching<br>Supervised Teaching | 1.5(3)<br>0(3)<br>.5(6)<br>.5(6) |
| c. Middle School Philosophy and Organization | MID400                               | Philosophy, Curriculum and Organization of Middle School Education   | 2.5(3)                           |

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), 6<sup>th</sup> 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@desse.mo.gov](mailto:civilrights@desse.mo.gov).

| 4. Middle School Literacy (Minimum of six semester hours)  |                  |  |                            |
|--|------------------|--|----------------------------|
|  | Course Number    | Course Title   | Semester Hours             |
| a. Reading and Writing in the Content Area   | RDG474 or RDG710 | Reading and Writing in the Content Fields, Content Area Literacy   | 3                          |
| b. Instructional Interventions for Students with Reading Deficits  | RDG574 or RDG640 | Analysis and Correction of Difficulties in Literacy                | 3                          |
| 5. Content Knowledge for Teaching (Minimum of 24 semester hours with appropriate distribution in one of the following certificate subject areas) |                  |  |                            |
|  | Course Number    | Course Title   | Semester Hours             |
| a. Agricultural Education (added cert only)  | AGS101           | Animal Science   | 4                          |
|  | AGB144           | Agriculture Economics I  | 4                          |
|  | AGB334           | Marketing Agriculture Products                                     | 3                          |
|  | AGE337           | Agriculture Mechanics Practices                                    | 3                          |
|  | AGP303           | Suburban Horticulture  | 3                          |
|  | AGE318           | Introduction to Agricultural Education                             | 2                          |
|  | AGE568           | Course and Program Building in Agriculture Education               | 3                          |
|  | Choose one       | Choose one (1)   |                            |
|  | AGN115           | Sustainable Agriculture and the Environment                        | 3                          |
|  | AGP103           | Plant Science  | 3                          |
| <b>Professional Requirements - Total Semester Hours</b>  |                  |  | <b>BSed/PB = 50.5-51.5</b> |
| B. Field and Clinical Experiences (Minimum of ten semester hours)  |                  |  |                            |
|  | Course Number    | Course Title   | Semester Hours             |
| 1. Early Field Experiences (Minimum of one semester hour with a minimum of 30 clock hours)   | SEC302           | General Methods of Instruction in the Middle and Secondary Schools | 1(3)                       |
| 2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)   | MID439           | Middle School Instructional Strategies                             | 1(3)                       |
|  | AGE558 or AGE658 | Teaching of Agriculture  | 2(3)                       |
| 3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)                                | MID493           | Supervised Teaching  | 5.5(6)                     |
|  | MID494           | Supervised Teaching  | 5.5(6)                     |
| <b>Field and Clinical Experiences - Total Semester Hours</b>   |                  |  | <b>15</b>                  |