



MIDDLE SCHOOL EDUCATION SCIENCE, GRADES 5-9

EDUCATOR PREPARATION PROGRAM NAME Drury University	EDUCATOR PREPARATION PROGRAM CODE 603541
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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 grouplisted.
- 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 grouplisted.
- 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 45 semester hours)

1. Content Planning and Delivery

	Course Number	Course Title	Semester Hours
a. Curriculum and Instructional Planning	EDUC 200	Technology in the Classroom	1
	EDUC 304 or EDUC 638	Teaching in Diverse Classrooms Teaching and Learning in Diverse Classrooms	.5 .5
	EDUC 350	Methods of Teaching the Biological & Physical Sciences	1
	EDUC 383	Middle School Curriculum & Instruction	1.5
b. Instructional Strategies and Techniques in Content Area Specialty	EDUC 308	Secondary Area Content Literacy	3
	EDUC 350	Methods of Teaching the Biological & Physical Sciences	.5
	EDUC 383	Middle School Curriculum & Instruction	.5
c. Assessment, Student Data, and Data-Based Decision-Making	EDUC 302	Educational Psychology & Assessment	1
	EDUC 383	Middle School Curriculum & Instruction	.5
d. Strategies for Content Literacy	EDUC 331 or EDUC 632	Content Area Literacy Literacy Instruction in the Content Area	2 2
e. Critical Thinking and Problem Solving	EDUC 205	Diversity & Social Justice in Education	.5
f. English Language Learning	EDUC 205	Diversity & Social Justice in Education	.5
	EDUC 304 or EDUC 638	Teaching in Diverse Classrooms Teaching and Learning in Diverse Classrooms	.5 .5
	EDUC 331 or EDUC 632	Content Area Literacy Literacy Instruction in the Content Area	1 1
	EDUC 340	Education of the Exceptional Child	.5

2. Individual Student Needs

	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	EDUC 207	Psychology of Human Growth & Development	3
b. Psychology/Education of the Exceptional Child	EDUC 340	Education of the Exceptional Child	2.5

c. Differentiated Learning	EDUC 350 EDUC 383	Methods of Teaching the Biological & Physical Sciences Middle School Curriculum & Instruction	.5 .5
d. Classroom Management	EDUC 361 or EDUC 608	Collaborative Classroom Environments Classroom Management for Teachers	3 3
e. Cultural Diversity	EDUC 205 EDUC 304 or EDUC 638	Diversity & Social Justice in Education Teaching in Diverse Classrooms Teaching and Learning in Diverse Classrooms	1 .5 .5
f. Educational Psychology	EDUC 302	Educational Psychology & Assessment	2
3. Schools and the Teaching Profession			
	Course Number	Course Title	Semester Hours
a. Consultation and Collaboration	EDUC 304 or EDUC 638	Teaching in Diverse Classrooms Teaching and Learning in a Diverse Classroom	.5 .5
b. Legal/Ethical Aspects of Teaching	EDUC 200 EDUC 205	Technology in the Classroom Diversity & Social Justice in Education	1 1
c. Middle School Philosophy and Organization	EDUC 379	Middle School Philosophy	3
4. Middle School Literacy (Minimum of 6 semester hours)			
	Course Number	Course Title	Semester Hours
a. Reading and Writing in the Content Area	EDUC 331 or EDUC 632	Content Area Literacy Literacy Instruction in the Content Area	3 3
b. Instructional Interventions for Students with Reading Deficits	EDUC 308	Secondary Content Area 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			
b. Business Education			
c. Technology and Engineering			
d. Language Arts			
e. Mathematics			
f. Science	BIOL 102 or BIOL 110 CHEM 107 or CHEM 115 and CHEM 115L PHYS 100 and PHYS 100L PHYS 111 and PHYS 111L PHYS 200 PHYS 201 PHYS 110 or BIOL 160 or CHEM 160 or PHYS 160	General Biology Fundamentals of Cell Biology General Chemistry I General Chemistry General Chemistry Laboratory Earth Science Earth Science Laboratory Physical Science Physical Science Laboratory Environmental Geoscience Principles of Physics Elementary Astronomy Exploration/Discovery of Biology Exploration/Discovery of Chemistry Exploration/Discovery of Physics	4 4 4 3 1 3 1 3 1 4 3 3 3 3 3
g. Social Science			
h. Speech/Theatre			
Professional Requirements - Total Semester Hours			66

B. Field and Clinical Experiences (Minimum of 10 semester hours)			
	Course Number	Course Title	Semester Hours
1. Early Field Experiences (Minimum of 1 semester hour with a minimum of 30 clock hours)	EDUC 201 or EDUC 208	Teacher Aide I Introductory Practicum	1 1
2. Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours)	EDUC 303	Secondary Education Field Experience I	1
3. Culminating Clinical Experiences (Minimum of 8 semester hours with a minimum of 12 weeks in 1 placement)	EDUC 477	Student Teaching on the Middle School Level	10
Field and Clinical Experiences - Total Semester Hours			12

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