



**BIOLOGY, GRADES 9-12 – POST-BACCALAUREATE**

EDUCATOR PREPARATION PROGRAM NAME  
DRURY UNIVERSITY

EDUCATOR PREPARATION PROGRAM CODE  
603541

**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](mailto: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](mailto:DESE.MoSPETransition@dese.mo.gov)

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

1. Content Planning and Delivery

	Course Number	Course Title	Semester Hours	
a. Curriculum and Instructional Planning	EDUC 200 or SCI 621	Technology in the Classroom Educational Technology	1 1	
	EDUC 304 or EDUC 619 or EDUC 638	Teaching in Diverse Classrooms Teaching in Diverse Classrooms w/Field Experience Teaching and Learning in Diverse Classrooms	.5 1 1	
	EDUC 350 or SCI 631	Methods of Teaching the Biological & Physical Sciences Improvements of K-12 Science Instruction	1 1	
	EDUC 385	Secondary School Curriculum	1.5	
	b. Instructional Strategies and Techniques in Content Area Specialty	EDUC 308	Secondary Area Content Literacy	3
		EDUC 350 or SCI 631	Methods of Teaching the Biological & Physical Sciences Improvements of K-12 Science Instruction	.5 .5
c. Assessment, Student Data, and Data-Based Decision-Making	EDUC 385	Secondary School Curriculum	.5	
	EDUC 302 or EDUC 605	Educational Psychology & Assessment Advanced Educational Psychology & Assessment	1 1	
d. Strategies for Content Literacy	EDUC 385	Secondary School Curriculum	.5	
	EDUC 331 or EDUC 632	Content Area Literacy Literacy Instruction in the Content Area	2 2	
e. Critical Thinking and Problem Solving	EDUC 205 or EDUC 621 Or EDUC 203 or SS 624	Diversity & Social Justice in Education Social Justice & Diversity in Education The American Classroom Home, School, & Community	.5 .5 .5 .5	
	f. English Language Learning	EDUC 205 or EDUC 621 Or EDUC 203 or SS 624	Diversity & Social Justice in Education Social Justice & Diversity in Education The American Classroom Home, School, & Community	.5 .5 .5 .5
EDUC 304 or EDUC 619 or		Teaching in Diverse Classrooms Teaching in Diverse Classrooms w/Field Experience	.5 .5 .5	

	EDUC 638	Teaching and Learning in Diverse Classrooms	.5
	EDUC 331 or EDUC 632	Content Area Literacy Literacy Instruction in the Content Area	1 1
	EDUC 340 or EDUC 606	Education of the Exceptional Child Psychology of the Exceptional Child	.5 .5
<b>2. Individual Student Needs</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
a. Psychological Development of the Child and Adolescent	EDUC 207 or EDUC 607	Psychology of Human Growth & Development Psychology of Human Growth & Development	3 3
b. Psychology/Education of the Exceptional Child	EDUC 340 or EDUC 606	Education of the Exceptional Child Psychology of the Exceptional Child	2.5 2.5
c. Differentiated Learning	EDUC 350 or SCI 631	Methods of Teaching the Biological & Physical Sciences Improvement of K-12 Science Instruction	.5 .5
	EDUC 385	Secondary School Curriculum	.5
d. Classroom Management	EDUC 361 or EDUC 608	Collaborative Classroom Environments Classroom Management	3 3
e. Cultural Diversity	EDUC 205 or EDUC 621 Or EDUC 203 or SS 624	Diversity & Social Justice in Education Social Justice & Diversity in Education  The American Classroom Home, School, & Community	1 1  1 1
	EDUC 304 or EDUC 619 or EDUC 638	Teaching in Diverse Classrooms  Teaching in Diverse Classrooms w/Field Experience Teaching and Learning in Diverse Classrooms	.5  .5 .5
f. Educational Psychology	EDUC 302 or EDUC 605	Educational Psychology & Assessment Advanced Ed Psychology & Assessment	2 2
<b>3. Schools and the Teaching Profession</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
a. Consultation and Collaboration	EDUC 304 or EDUC 619 or EDUC 638	Teaching in Diverse Classrooms  Teaching in Diverse Classrooms w/Field Experience Teaching and Learning in Diverse Classrooms	.5  1 1
b. Legal/Ethical Aspects of Teaching	EDUC 200 or SCI 621	Technology in the Classroom Educational Technology	1 1
	EDUC 205 or EDUC 621 Or EDUC 203 or SS 6624	Diversity & Social Justice in Education Social Justice & Diversity in Education  The American Classroom Home, School, & Community	1 1  1 1
<b>4. Secondary Literacy (Minimum of six semester hours)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
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
<b>Professional Requirements - Total Semester Hours</b>			<b>37-38</b>
<b>B. Field and Clinical Experiences (Minimum of ten semester hours)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
1. Early Field Experiences (Minimum of one semester hour with a minimum of 30 clock hours)	EDUC 201 or EDUC 208	Teacher Aide I or Introductory Practicum	1 1
2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)	EDUC 303 or EDUC 619	Secondary Education Field Experience I Teaching in Diverse Classrooms w/Field Experience	1 3



b. Physics	PHYS 201	Principles of Physics	4
c. Earth Science	PHYS 100	Earth Science	3
d. Environmental Science	BIOL 200	Ecology	3
<b>Content Knowledge Area - Total Semester Hours</b>			<b>38</b>

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