



**MIDDLE SCHOOL MATHEMATICS, GRADES 5-9 – POST-BACCALAUREATE**

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 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 45 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 448 or SCI 622	Methods of Teaching Secondary Mathematics Improvement of K-12 Math Instruction	1 1	
	EDUC 383 or EDUC 633	Middle School Curriculum & Instruction Middle School Curriculum & Instruction	1.5 1.5	
	b. Instructional Strategies and Techniques in Content Area Specialty	EDUC 308	Secondary Area Content Literacy	3
		EDUC 448 or SCI 622	Methods of Teaching Secondary Mathematics Improvement of K-12 Math Instruction	.5 .5
EDUC 383 or EDUC 633		Middle School Curriculum & Instruction Middle School Curriculum & Instruction	.5 .5	
EDUC 407 or EDUC 665		Methods of Teaching Literacy Improvement of Reading Instruction	3 3	
c. Assessment, Student Data, and Data-Based Decision-Making	EDUC 302 or EDUC 605	Educational Psychology & Assessment Advanced Educational Psychology & Assessment	1 1	
	EDUC 383 or EDUC 633	Middle School Curriculum & Instruction Middle School Curriculum & Instruction	.5 .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 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	.5 .5
	EDUC 304 or EDUC 619 or EDUC 638	The American Classroom Home, School, & Community  Teaching in Diverse Classrooms	.5 .5  .5
	EDUC 304 or EDUC 619 or EDUC 638	Teaching in Diverse Classrooms Teaching in Diverse Classrooms w/Field Experience	.5 .5
	EDUC 331 or EDUC 632	Teaching and Learning in Diverse Classrooms  Content Area Literacy	.5  1
	EDUC 340 or EDUC 606	Literacy Instruction in the Content Area  Education of the Exceptional Child Psychology of the Exceptional Child	1  .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	Psychology of Human Growth & Development	3
	EDUC 607	Psychology of Human Growth & Development	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 448 or SCI 622	Methods of Teaching Secondary Mathematics Improvement of K-12 Math Instruction	.5  .5
	EDUC 383 or EDUC 633	Middle School Curriculum & Instruction Middle School Curriculum & Instruction	.5 .5
	EDUC 361 or EDUC 608	Collaborative Classroom Environments Classroom Management	3 3
d. Classroom Management	EDUC 361 or EDUC 608	Collaborative Classroom Environments Classroom Management	3 3
e. Cultural Diversity	EDUC 200 or SCI 621	Technology in the Classroom Educational Technology	1 1
	EDUC 205 or EDUC 621 Or	Diversity & Social Justice in Education Social Justice & Diversity in Education	1 1
	EDUC 203 or SS 624	The American Classroom Home, School, & Community	1 1
	EDUC 304 or	Teaching in Diverse Classrooms	.5
	EDUC 619 or	Teaching in Diverse Classrooms w/Field Experience	.5
	EDUC 638	Teaching and Learning in Diverse Classrooms	.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	Teaching in Diverse Classrooms	.5
	EDUC 619 or	Teaching in Diverse Classrooms w/Field Experience	1
	EDUC 638	Teaching and Learning in Diverse Classrooms	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	Diversity & Social Justice in Education Social Justice & Diversity in Education	1 1
	EDUC 203 or SS 624	The American Classroom Home, School, & Community	1 1
c. Middle School Philosophy and Organization	EDUC 379 or	Middle School Philosophy	3
	EDUC 603	Middle School Philosophy & Organization	3

4. Middle School Literacy (Minimum of six semester hours)			
	Course Number	Course Title	Semester Hours
a. Reading and Writing in the Content Area	EDUC 331 or	Content Area Literacy	3
	EDUC 632	Literacy Instruction in the Content Area	3
b. Instructional Interventions for Students with Reading Deficits	EDUC 308	Secondary Content Area Literacy	3
	EDUC 407 or	Methods of Teaching Literacy	3
	EDUC 665	Improvement of Reading Instruction	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	NA		
b. Business Education	NA		
c. Technology and Engineering	NA		
d. Language Arts	NA		
e. Mathematics	CSCI 251	Introduction to Computer Science	4
	CSCI 277 or	Web and Mobile Application Development	3
	CSCI 340	Numerical Analysis	3
	MATH 100	Intermediate Algebra	3
	MATH 109	College Algebra	3
	MATH 110	Trigonometry	3
	MATH 211	Precalculus	3
	MATH 227	Introduction to Statistics	3
	MATH 230	Business Calculus	3
	MATH 231	Calculus I	4
	MATH 232	Calculus II	4
	MATH 233	Calculus III	4
	MATH 235	Linear Algebra	3
	MATH 236	Honors Calculus	4
	MATH 234	Introduction to Proofs	3
	MATH 290	Selected Topics	1-3
	MATH 301	Abstract Algebra	3
	MATH 326	Probability Theory	3
	MATH 327	Mathematical Statistics	3
	MATH 330	Geometry	3
	MATH 366	Differential Equations	3
	MATH 390	Selected Topics	1-3
	MATH 421	Real Variables	3
MATH 432	Complex Variables	3	
MATH 490	Selected Topics	1-3	
f. Science	NA		
g. Social Science	NA		
h. Speech/Theatre	NA		
<b>Professional Requirements - Total Semester Hours</b>			<b>70-71</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)	EDUC 201	Teacher Aide I	1
	or EDUC 208	or Introductory Practicum	1
2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)	EDUC 303	Secondary Education Field Experience I	1
	or EDUC 619	Teaching in Diverse Classrooms w/Field Experience	3
3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)	EDUC 477	Student Teaching on the Middle School Level	10
	Or EDUC 699*	Culminating Internship	3
<b>Field and Clinical Experiences - Total Semester Hours</b>			<b>8-14</b>

\*Troops to Teachers Candidates Teaching on a Provisional

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