



**SCIENCE, GRADES 5-9**

EDUCATOR PREPARATION PROGRAM NAME <b>Avila University</b>	EDUCATOR PREPARATION PROGRAM CODE <b>511932</b>
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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	ED 185/585 ED 315/515	Practicum General Methods & Differentiated Learning	1.0 1.0
b. Instructional Strategies and Techniques in Content Area Specialty	ED 455/555	Special Methods	1.0
c. Assessment, Student Data, and Data-Based Decision-Making	ED 315/515	General Methods & Differentiated Learning	1.0
	ED 320/520	Technology in Education	1.0
	ED 495/595 or ED 596	Final Clinical Experience or Internship	1.0
d. Strategies for Content Literacy	ED 375/575	Reading Strategies & Interventions in the Content Area I	-
	ED 376/576	Reading Strategies & Interventions in the Content Area II	-
e. Critical Thinking and Problem Solving	ED 185/585	Practicum	-
	ED 320/520	Technology in Education	1.0
	ED 495/595 or ED 596	Final Clinical Experience or Internship	1.0
f. English Language Learning	ED 287/587	Multicultural Foundations of Education	1.5

**2. Individual Student Needs**

	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	ED 229/529	Developmental & Educational Psychology	1.5
b. Psychology/Education of the Exceptional Child	ED 235/535	Psychology of the Exceptional Child	2.0
c. Differentiated Learning	ED 315/515	General Methods & Differentiated Learning	1.0
	ED 320/520	Technology in Education	1.0
	ED 455/555	Special Methods	1.0
d. Classroom Management	ED 419/519	Managing the Learning Environment	2.0
e. Cultural Diversity	ED 287/587	Multicultural Foundations of Education	1.5
f. Educational Psychology	ED 229/529	Developmental Educational Psychology	1.5

**3. Schools and the Teaching Profession**

	Course Number	Course Title	Semester Hours
a. Consultation and Collaboration	ED 185/585	Practicum	1.0
	ED 494/594	Final Clinical Experience Seminar	2.0
b. Legal/Ethical Aspects of Teaching	ED 235/535	Psychology of the Exceptional Child	1.0
	ED 419/519	Managing the Learning Environment	1.0
c. Middle School Philosophy and Organization	ED 454/554	Middle School Philosophy & Organization	3.0

4. Middle School Literacy (Minimum of 6 semester hours)			
	Course Number	Course Title	Semester Hours
a. Reading and Writing in the Content Area	ED 375/575	Reading Strategies & Interventions in the Content Area I	3.0
b. Instructional Interventions for Students with Reading Deficits	ED 376/576	Reading Strategies & Interventions in the Content Area II	3.0
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	ED 230 ED/EN 377 EN 112 EN 271 EN 350	Children's Literature Adolescent Literature Composition II: Rhetorical Argument African-American Literature Rhetorical Theory	3 3 3 3 3
	Choose 1: EN 213 EN 231 EN 233 EN 235	Writing in Style Poetry Writing Fiction Writing Playwriting	3
	Choose 2: EN 275 EN 278 EN 357 EN 359	Gender & Literature Global Literary Perspectives Reading Genre Moments in Writing	3 3
e. Mathematics	MA 115 MA 120 MA 125 MA 155 MA/ED 207 MA 230 MA 241 MA 330	Applications of College Mathematics College Algebra Precalculus Elementary Probability & Statistics Geometry for Elementary/Middle School Discrete Mathematics Calculus & Analytic Geometry I Mathematics & It's History	3 3 5 3 3 3 5 3
f. Science	BI 111 BI 112 BI 115 NS 221	General Biology: Cells & Genes General Biology: Ecology & Evolution Humans & the Environment Physical Geology	4 4 4 4
	Choose 1: PH 117 PH 231	Choose 1: Physics Concepts General Physics I	4 5
	Choose 1: CH 131 CH 135	Choose 1: Principles of Chemistry General Chemistry I	4 4
g. Social Science	GG 101 HI 329 PS 120	World Geography American Slavery & the Slave Trade American National Government	3 3 3
	Choose 1: HI 201 HI 202	Ancient History & Culture I Modern History & Culture II	3
	Choose 1: HI 203 HI 204	American Experience I American Experience II	3
	Chose 1: EC 201 EC 202 EC 203	Principles of Economics Principles of Microeconomics Principles of Macroeconomics	3
	Choose 2: HI 311 HI 312 HI 321 HI 327 HI 329 HI 330	History Electives (HI 300 or above) American Women African-American History Revolutionary Era America American Frontiers American Slavery & the Slave Trade American Empires	6

	HI 332 HI 365 HI 366 HI 368 HI 370 HI 372 HI 373 HI 380 HI 396 HI 490 HI 496	Sex & Sexuality in America The German Fatherland The Spectre of Nazism Red Utopia Fairy Tales & Culture The Great War The Cold War Special Topics in History Public History Directed Study in History Internship in History	
h. Speech/Theatre			
<b>Professional Requirements - Total Semester Hours</b>			<b>59 - 62</b>
<b>B. Field and Clinical Experiences (Minimum of 10 semester hours)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Semester Hours</b>
1. Early Field Experiences (Minimum of 1 semester hour with a minimum of 30 clock hours)	ED 185/585	Practicum	1.0
2. Mid-Level Field Experiences (Minimum of 1 semester hour with a minimum of 45 clock hours)	ED 455/555	Special Methods	1.0
3. Culminating Clinical Experiences (Minimum of 8 semester hours with a minimum of 12 weeks in 1 placement)	ED 495/595 <i>or</i> ED 596	Final Clinical Experience <i>or</i> Internship	8.0
<b>Field and Clinical Experiences - Total Semester Hours</b>			<b>10.00</b>

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