

# ELEMENTARY MIDDLE EDUCATION - STEM/STEAM MIDDLE LEVEL REQUIREMENTS (BSE)

and READING 462; ENGLISH 101, ENGLISH 102, or ENGLISH 105; and COMM 110.

Code	Title	Units
<b>Major Requirements<sup>1</sup></b>		
ELEMMID 318	INTEGRATING THE CREATIVE ARTS INTO TEACHING CURRICULUM	4
ELEMMID 324	TEACHING OF SCIENCE IN THE ELEMENTARY/MIDDLE SCHOOL	3
ELEMMID 363 or ELEMMID 364	THE TEACHING OF SOCIAL STUDIES IN THE ELEMENTARY/MIDDLE SCHOOL TEACHING SOCIAL STUDIES IN THE MIDDLE GRADES	3
ELEMMID 418	MIDDLE SCHOOL SEMINAR: FOCUS ON ASSESSMENT	1
ELEMMID 419	ELEMENTARY SCHOOL SEMINAR: FOCUS ON CULTURALLY RELEVANT PRACTICES	1
ELEMMID 425	TEACHING MATHEMATICS IN THE ELEMENTARY/MIDDLE GRADES	3
READING 360	FOUNDATIONS OF LITERACY IN THE ELEMENTARY/MIDDLE SCHOOL	3
READING 461	LITERACY ASSESSMENT AND RESPONSIVE INTERVENTION STRATEGIES	3
READING 462	LITERACY INSTRUCTION IN THE ELEMENTARY/MIDDLE GRADES	5
EDFOUND 424	MEASUREMENT AND EVALUATION IN THE ELEMENTARY SCHOOL	3
<b>Emphasis Required Courses:</b>		
CIGENRL 384	MIDDLE SCHOOL CURRICULUM AND INSTRUCTION	3
CIGENRL 400	PEDAGOGY AND PRACTICE OF MATHEMATICAL MODELING FOR STEAM TEACHING	3
CIGENRL 472	MIDDLE LEVEL STEAM METHODS APPLYING MODELING, INQUIRY, & DESIGN	3
SECNDED 429	METHODS OF TEACHING SCIENCE	3
<b>Total Units</b>		<b>41</b>

Code	Title	Units
<b>Licensure Requirements:</b>		
SPECED 205	INTRODUCTION TO SPECIAL EDUCATION	3
CIGENRL 350	INTRODUCTION TO BILINGUAL/ BICULTURAL EDUCATION AND ESL	3
LIBMEDIA 201	TECHNOLOGY FOR TEACHERS	1
EDFNDPRC 210	INTRODUCTION TO EDUCATION AND TEACHING	3
EDFOUND 243	FOUNDATIONS OF EDUCATION IN A PLURALISTIC SOCIETY	3
EDFOUND 222 or EDFOUND 478	CHILD DEVELOPMENT ADOLESCENT DEVELOPMENT	3
MATH 148	MATHEMATICS FOR THE ELEMENTARY TEACHER I	3
MATH 149	MATHEMATICS FOR THE ELEMENTARY TEACHER II	3
BIOLOGY 214 or GEOGRPY 252	ECOLOGY AND SOCIETY GLOBAL ENVIRONMENTAL CHALLENGES	3
SPECED 360 or EDFOUND 475	BEHAVIOR MANAGEMENT FOR THE INCLUSIVE CLASSROOMS <sup>2</sup> BUILDING EQUITABLE CLASSROOM RELATIONSHIPS	3
<b>Student Teaching:</b>		
CIFLD 401	DIRECTED TEACHING - ALTERNATIVE PLACEMENT ELEMENTARY SCHOOL	2
CIFLD 402	DIRECTED TEACHING - ALTERNATIVE PLACEMENT MIDDLE SCHOOL	2
CIFLD 411 or CIFLD 412	DIRECTED TEACHING - ELEMENTARY DIRECTED TEACHING-MIDDLE SCHOOL	10
CIGENRL 470	STUDENT TEACHING SEMINAR	2
<b>Total Units</b>		<b>44</b>

<sup>2</sup> Adaptive education minor should take SPECED 360; other emphasis areas should take EDFOUND 475.

<sup>1</sup> GPA requirements:

- To graduate from the College of Education and Professional Studies, students in a BSE licensure major must have at least a combined GPA of 2.75;
- Students must achieve a grade of "C" (2.00) or better in all major requirements and MATH 148 and MATH 149 before they can enroll in CIFLD 411 or CIFLD 412;
- Students must either pass the standardized content knowledge test approved by the State Superintendent or achieve a content GPA of 3.00 or higher across BIOLOGY 214 or GEOGRPY 252 or any conservation science course and general education lab science; CORE 120, CORE 140, or any history course; ELEMMID 324, ELEMMID 363, and ELEMMID 425; MATH 148 and MATH 149; READING 360, READING 461,