

# ELEMENTARY EDUCATION: MIDDLE CHILDHOOD THROUGH EARLY ADOLESCENCE/SPECIAL EDUCATION DUAL CERT

## REQUIREMENTS

The Middle Childhood–Early Adolescence/Dual Elementary and Special Education option prepares teachers to work in intermediate and middle school settings (approximately ages 6 through 12–13). Students are certified in both Special Education and Elementary Education at the Middle Childhood–Early Adolescence levels. Admitted students begin the four-semester professional sequence in the fall following admission.

The option coursework listed here is one component of the Elementary/Special Education, BSE degree (<http://guide.wisc.edu/undergraduate/education/curriculum-instruction/elementary-education-bse/#requirementstext>) requirements.

### RP & SE 300 Individuals with Disabilities—Admission Prerequisite

This course must be completed prior to beginning the professional sequence.

Code	Title	Credits
RP & SE 300	Individuals with Disabilities	3

### Environmental Education Requirement

Select one Environmental Studies ([http://guide.wisc.edu/courses/envir\\_st/](http://guide.wisc.edu/courses/envir_st/)) course or from the following list. If appropriate, this course may also be applied toward the liberal studies requirements.

#### Environmental Education courses

Code	Title	Credits
ATM OCN/ SOIL SCI 132	Earth's Water: Natural Science and Human Use	3
BOTANY 100	Survey of Botany	3
BOTANY/ PL PATH 123	Plants, Parasites, and People	3
BOTANY/BIOLOGY/ ZOOLOGY 152	Introductory Biology	5
BOTANY 240	Plants and Humans	3
BOTANY/ENVIR ST/ ZOOLOGY 260	Introductory Ecology	3
CURRIC/C&E SOC/ ENVIR ST 405	Education for Sustainable Communities	3
ECON/A A E/ ENVIR ST 343	Environmental Economics	3-4
F&W ECOL 110	Living with Wildlife - Animals, Habitats, and Human Interactions	3
GEOG/ENVIR ST 120	Introduction to the Earth System	3
GEOG/ENVIR ST 127	Physical Systems of the Environment	5

GEOG/ENVIR ST 139	Global Environmental Issues	3
GEOG/ENVIR ST 309	People, Land and Food: Comparative Study of Agriculture Systems	3
GEOG/ENVIR ST 339	Environmental Conservation	4
LAND ARC/ ENVIR ST 361	Wetlands Ecology	3
MED HIST 513		3
PHYSICS 115	Energy	3
POP HLTH/ ENVIR ST 502	Air Pollution and Human Health	3
SOC/C&E SOC 140	Introduction to Community and Environmental Sociology	4
SOC/C&E SOC/ F&W ECOL 248	Environment, Natural Resources, and Society	3
SOIL SCI 301	General Soil Science	4
SOIL SCI/ ENVIR ST 324	Soils and Environmental Quality	3

### Mathematics for Elementary Teachers

Code	Title	Credits
<b>Complete One Group</b>		
<i>Group A</i>		
CURRIC 319	Pedagogical Content Knowledge for Teaching Elementary Mathematics 1	4
CURRIC 320	Pedagogical Content Knowledge for Teaching Elementary Mathematics 2	4
<i>Group B</i>		
MATH 130	Mathematics for Teaching: Numbers and Operations 1	3
MATH 131	Mathematics for Teaching: Geometry and Measurement 1	3
MATH 132	Problem Solving in Algebra, Probability and Statistics 1	3

<sup>1</sup> Students with college-level calculus coursework or advanced placement credit should see the exemption rules (<http://www.math.wisc.edu/~lempp/Exemptionsfor130-32.htm>) for this coursework. More detailed information (<http://www.math.wisc.edu/~lempp/educ.html>) about these courses is available on the math department website.

### Education Coursework

Code	Title	Credits
<b>Child and Adolescent Development</b>		
Select one:		
ED PSYCH 331	Human Development From Childhood Through Adolescence	3-6
ED PSYCH 320 & ED PSYCH 321	Human Development in Infancy and Childhood and Human Development in Adolescence 1	
<b>Learning</b>		
ED PSYCH 301	How People Learn	3
<b>Foundations of the Profession</b>		3

Select one:

ED POL 300	School and Society
ED POL/ HISTORY 412	History of American Education

<sup>1</sup> With permission, PSYCH 460 Child Development (formerly 560) may be substituted for ED PSYCH 320 Human Development in Infancy and Childhood. Students are strongly encouraged to complete this requirement before program admission.

### Professional Sequence

Admitted students complete a four-semester sequence of professional courses beginning in the fall semester after program admission. Each semester of the sequence must be followed sequentially and taken in consecutive semesters.

Code	Title	Credits
<b>Semester 1</b>		
CURRIC 364	Introduction to Education	3
CURRIC 368	The Teaching of Reading	3
CURRIC 369	The Teaching of Language Arts	3
CURRIC 367	Elementary Teaching Practicum II	3
RP & SE 466	Diversity in Special Education	3
<b>Semester 2</b>		
RP & SE 473	Classroom Management for Inclusive Classrooms	3
RP & SE 465	Language and Reading Instruction for Students with Disabilities	3
RP & SE 475	Special Education Practicum: Elementary (PK - Grade 9)	3-6
RP & SE/ CURRIC 506	Strategies for Inclusive Schooling	3
RP & SE 401	Augmentative and Alternative Communication and Assistive Technology for Students with Disabilities	1
<b>Semester 3</b>		
RP & SE 464	Diagnosis, Assessment, and Instructional Planning in Special Education	3
CURRIC 372	Teaching Science	3
CURRIC/ RP & SE 365	Teaching Mathematics in Inclusive Settings	4
CURRIC 371	Teaching Social Studies	3
CURRIC 373	Elementary Teaching Practicum III	3
<b>Semester 4</b>		
RP & SE 477	Special Education Student Teaching: Elementary (PK - Grade 9)	7
RP & SE 457	Elementary Student Teaching Seminar - Elementary/Special Education Dual Major	1
CURRIC 464	Student Teaching in the Elementary School	7
CURRIC 463	Seminar in Pre-Kindergarten Through Middle School Teaching	1
RP & SE 402	Methods in Teaching Functional Skills	1