

**Adding MIDDLE LEVEL Certification in
Language Arts, Mathematics, Science or Social Studies
for Secondary Education M.T. and M.A.T. Candidates or Graduates at the
University of South Carolina-Columbia**

*Below are the state Board of Education regulations for adding on South Carolina Middle Level Certification. The South Carolina Office of Teacher Certification has approved the USC courses listed in **BOLD** under each category as fulfilling each area requirement.*

Upon earning a secondary education teaching certificate (grades 9-12) in English, mathematics, science, or social studies, M.T. or M.A.T. graduates can apply for a middle level certificate (grades 5-8) if they have completed the required courses listed under “specialized preparation” and under the particular content area. Either the Middle Level or Secondary Level Praxis II examination is also required for certification at the Middle Level.

To add-on Middle Level certification, candidates need:

1. Bachelor’s degree
2. Temporary, initial, or professional certificate at the early childhood, elementary, secondary, or PreK–12 level
3. Minimum qualifying score(s) on the content-area examination(s) required by the State Board of Education.
Teachers who hold a professional certificate and who have three or more years of experience teaching in middle grades within the past five years on or before July 1, 2008, will be awarded middle level certification in each subject area in which he or she has three or more years of successful experience according to the guidelines for Middle Grades Teacher Education and Certification, adopted by the State Board of Education.
 - Prior to October 1, 2006, teachers who meet the experience requirement and are adding middle level certification will be exempt from the coursework, subject area exams and the Principles of Learning and Teaching (middle level test) required for add-on certification in specific middle level areas.
 - Between October 1, 2006, and July 1, 2008, teachers who meet the experience requirement and are adding middle level certification must pass the subject area exam(s) and the Principles of Teaching and Learning test required by the State Board of Education in order to add subject-specific middle level certification.
 - Teachers who have a teaching certificate but do not meet the three (3) year teaching requirement by July 1, 2008, must complete all coursework and examinations required for add-on certification in middle level areas.
 - All teachers who teach in the middle grades must qualify for middle level certification by July 1, 2008.

Secondary School Teachers Adding Middle Level

a. Specialized preparation

- Middle-Level Curriculum and Organization (3)
One of the following:
EDEL 720: Middle School Organization and Curriculum
EDTE 621: Middle Level School Today
EDTE 521: Middle Level Teaching and Management
EDTE 522: Integrated Curriculum at the Middle Level

- Early Adolescent Growth and Development and Learning Communities (3)
EDPY 707: Growth and Development: Middle Childhood and Adolescence

- Teaching Reading and Writing in the Content Area (3)
One of the following:
EDTE 470: Reading and Writing Across the Curriculum
EDRD 518: Reading in the Secondary School
EDRD 730: Introduction to Teaching Reading in the Content Areas

b. Content preparation

Required credits for certification in one middle school field as listed in Middle-Level Science, Mathematics, Social Studies, and English/Language Arts below.

Middle-Level Science

- Methods in Middle-Level Science (3)
EDSE 553: Teaching Middle/High School (Science) OR
EDML 553: Methods and Materials for Teaching Science in the Middle Grades
- Biological or Life Science Course and Laboratory (8)
Two BIOL courses with labs
- Earth and Space Science Course and Laboratory (8)
Two GEOL courses with labs
- Physical Science [equally divided between physics and chemistry] (8)
One CHEM course with lab
One PHYS course with lab
- Reading and Writing in the Content Area (3)
One of the following:
EDTE 470: Reading and Writing Across the Curriculum
EDRD 518: Reading in the Secondary School
EDRD 730: Introduction to Teaching Reading in the Content Area

Middle-Level Mathematics

- Algebra (3)
One of the following:
MATH 544: Linear Algebra
MATH 546: Algebraic Structures I
MATH 703I: Foundations of Analysis I
SMED 769A: Special Topics in Mathematics for Teachers (Algebra)
- Plane and Solid Geometry (3)
One of the following:
MATH 531: Foundations of Geometry
MATH 532: Modern Geometry
MATH 736I: Modern Geometry
SMED 769C: Special Topics in Mathematics for Teachers (Geometry)
- Probability and Statistics [appropriate to middle & secondary level curriculum] (3)
One of the following:
STAT 110: Introduction to Descriptive Statistics
STAT 201: Elementary Statistics
STAT 509: Statistics for Engineers
MATH 511: Probability
SMED 769B: Special Topics in Mathematics for Teachers (Data Analysis)
- Computers [utilization of appropriate technology] (3)
EDSE 770: Technology in Mathematics Education
- Classroom Assessment in Mathematics (3)
EDSE 660: Teaching Mathematics with Manipulatives, Grades 7-12 OR
EDRM 723: Classroom Assessment Methods
- Methods of Teaching Middle-Level Mathematics (3)
EDSE 550: Teaching in Middle/High School (Mathematics) OR
EDML 583: Methods and Materials for Teaching Mathematics in the Middle Grades
- Three electives in the following subject areas: (9)
 - theory of arithmetic (no course exists)
 - number theory **MATH 580 or MATH 780: Elementary Number Theory**
 - integrated mathematics (no course exists)
 - discrete mathematics **MATH 170: Finite Mathematics**
MATH 174: Discrete Mathematics for Computer Science
MATH 574: Discrete Mathematics I
 - calculus **MATH 141: Calculus I**
MATH 142: Calculus II OR
MATH 241: Vector Calculus
 - mathematical applications in science and social studies **MATH 172: Mathematical Modeling for the Life Sciences**
 - immersion in problem solving (no course exists)

Middle-Level Social Studies

- Methods of Teaching Social Studies (3)
EDSE 558: Teaching Middle and High School OR
EDML 563: Methods and Materials for Teaching Social Studies in the Middle School

- World History or World Geography (3)
GEOG 121: World Regional Geography
GEOG 210: Introduction to Human Geography
GEOG 211: Cultural Geography
GEOG 312: Geography of World Problems
GEOG 561: Geographic Concepts for Teachers OR
GEOG 581: Globalization and Cultural Questions
GEOG 710: Systematic Geography for Teachers OR
GEOG 720: World Regional Geography for Teachers
HIST 101: European Civilization from Ancient Times to the Mid-17th Century
HIST 102: European Civilization from the Mid-17th Century
HIST 104: Introduction to the Civilization of the Islamic Middle East
HIST 105: Introduction to East Asian Civilization
HIST 106: Introduction to African History
HIST 107: Introduction to Ancient Near Eastern Civilization
HIST 109: Introduction to Latin American Civilization
HIST 501: The Ancient Near East to 323 B.C.
HIST 502: Greek History and Civilization to 146 B.C.
HIST 503: The History of Rome, 753-27 B.C.
HIST 504: The Roman Empire, 27 B.C.-480 A.D.
HIST 515: Byzantine History: 4th to 11th Centuries OR
HIST 516: Byzantine History: 11th to 15th Centuries

- South Carolina History (3)
HIST 409: The History of South Carolina
HIST 410: History of South Carolina Since 1865 OR
HIST 640: South Carolina History

- Government (3)
POLI 201: American National Government
POLI 450: Constitutional Law
POLI 567: American Local Government OR
POLI 570: South Carolina Government and Politics
POLI 760: American Government and Politics

- Three electives in the following subject areas: (9)
 - anthropology
 - economics
 - political science/civics
 - geography
 - sociology
 - U.S. history

Middle-Level Language Arts

- Methods of Teaching Middle-Level Language Arts (3)
EDSE 547: Teaching Middle and High School (English) OR
EDML 573: Methods and Materials for Teaching English/Language Arts in the Middle Grades

- Adolescent Literature (3)
ENGL 432: Adolescent Literature

- Two of the following must be represented (6)
 - i. World Literature
 - ENGL 390: Great Books of the Western World I**
 - ENGL 391: Great Books of the Western World II**
 - ENGL 392: Great Books of the Eastern World**
 - ENGL 395: Classical Drama**

 - ii. American Literature
 - ENGL 385: Modernism**
 - ENGL 420: American Literature to 1830**
 - ENGL 421: American Literature 1830-1860**
 - ENGL 422: American Literature 1860-1910**
 - ENGL 423: Modern American Literature**
 - ENGL 424: American Drama**
 - ENGL 425A: The American Novel to 1914**
 - ENGL 425B: The American Novel Since 1914**
 - ENGL 426: American Poetry**
 - ENGL 427: Southern Literature**
 - ENGL 428: African-American Literature**
 - ENGL 429: Topics in American Literature**

 - iii. English Literature
 - ENGL 380: Epic to Romance**
 - ENGL 381: The Renaissance**
 - ENGL 382: The Enlightenment**
 - ENGL 383: Romanticism**
 - ENGL 384: Realism**
 - ENGL 400: Early English Literature**
 - ENGL 401: Chaucer**
 - ENGL 402: Tudor Literature**
 - ENGL 403: The 17th Century**
 - ENGL 404: English Drama to 1660**
 - ENGL 405: Shakespeare's Tragedies**
 - ENGL 406: Shakespeare's Comedies and Histories**
 - ENGL 407: Milton**
 - ENGL 410: The Restoration and 18th Century**
 - ENGL 411: British Romantic Literature**
 - ENGL 412: Victorian Literature**
 - ENGL 413: Modern English Literature**
 - ENGL 414: English Drama Since 1660**

ENGL 415: The English Novel I
ENGL 416: The English Novel II
ENGL 419: Topics in English Literature

- Teaching of Reading/Foundations or Equivalent (3)
EDRD 600: Foundations of Reading Instruction
- Reading: Diagnosis and Remediation (3)
EDRD 715: Instructional Strategies for Reading
- Teaching of Writing or Advanced Writing (3)
ENGL 460: Advanced Writing OR
461: The Teaching of Writing OR
EDSE 787: The Teaching of Composition in the Secondary School
- Grammar (3)
ENGL 389: The English Language
ENGL 450: English Grammar
ENGL 453: Development of the English Language
ENGL 455: Language in Society
ENGL 456: The English Language in America
ENGL 457: African-American English

Elective from the following subject areas: (3)

African American Literature

ENGL 428: African-American Literature
ENGL 430: Topics in African American Literature

Women's Literature

ENGL 437: Women Writers

Children's Literature

ENGL 431: Children's Literature

Creative Writing

ENGL 360: Creative Writing
ENGL 387: Introduction to Rhetoric
ENGL 464: Poetry Workshop
ENGL 465: Fiction Workshop
ENGL 467: Topics in Rhetoric