

Middle Level Education

College of Education

The Middle Level Teacher Education Program supports the UK educator preparation unit's theme of Research and Reflection for Learning and Leading. The program emphasizes the development of professionally trained specialists in teaching early adolescents. As such, the program models team teaching and collaborative learning. Active learning experiences are emphasized, as are real-world connections. Throughout the program, students are encouraged to consider their present position and make plans for improvement. Students are urged to gather data continuously and to use this data in planning effective instruction. Students are required to provide questions for reflection when writing lessons they do not teach and to provide reflective summaries as part of lesson plans which are delivered to students. Students are provided time and resources to revise and improve curricular materials they develop within the program. Students assess their own progress through the program's curriculum, preparing them for the continuous self-assessment required of practicing professionals.

To receive the B.A. degree in Middle Level Education, students must: (1) complete the UK Core requirements; (2) complete all required program-related studies and the professional education course sequence; and (3) complete the content area requirements in each of two areas of specialization. Available content specialization areas are: English and Communication, Mathematics, Science, and Social Studies.

Continuous Assessment

1. All middle level education students are expected to meet the standards and rules for Admission, Retention and Completion from Teacher Education Programs as set forth in the section "Admission, Retention and Completion from Teacher Education Programs".

2. **Assessment at the Point of Entry to the Middle School Program.** The admission process provides the first point for formal assessment of the competencies outlined by the standards documents which guide the middle level education program. Basic skills standards must be met and students must be making satisfactory progress towards professional and content area proficiency in order for students to win admission

3. **On-going Assessment.** Once a student is admitted to the program, he/she meets with an advisor to plan the remainder of the program. The focus of this initial advising session is to begin a professional development plan which ensures that all standards will be met by program completion.

4. **Completion Assessment.** At the completion assessment, students must show competency in all relevant standard areas. This is done through a final review of the eligibility portfolio, review of information provided by the cooperating teacher and university supervisor, and documentation of remediation of any weaknesses noted at the formal review in the methods semester.

Statement on Student Teaching

Middle level certification requires students to be certifiable in two academic subject areas, which requires two student teaching placements spread across the final two semesters: 6 hours in the second-to-last semester, and 9 hours in the final semester. Students seeking Middle Level certification will register for:

EDC 549 Student Teaching in the Middle School 15

UK Core Requirements

See the **UK Core** section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list 3

III. Intellectual Inquiry in the Social Sciences

Recommended:

PSY 100 Introduction to Psychology 4

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list 3

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II 3

VII. Quantitative Foundations

Choose one course from approved list 3

VIII. Statistical Inferential Reasoning

Choose one course from approved list 3

IX. Community, Culture and Citizenship in the USA

Choose one course from approved list 3

X. Global Dynamics

Choose one course from approved list 3

UK Core hours 31

Program Related Studies (4 hours)

PSY 100 Introduction to Psychology 4

Professional Education Courses (40 hours)

The National Middle School Association (NMSA) describes six broad areas of competence for middle grades teachers. These are: (1) early adolescent development, (2) middle grades curriculum, (3) middle grades instruction, (4) middle grades school organization, (5) families and community relations, and (6) middle grades teaching roles. With the support of a liberal arts foundation provided by the UK Core requirements and the content area knowledge provided by the requirements detailed above, the professional education requirements of the program endeavor to provide a firm foundation in each of these six areas.

*EDP 202 Human Development and Learning 3

*EDP 203 Teaching Exceptional Learners in Regular Classrooms 3

*EPE 301 Education in American Culture 3

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All of the following courses require admission to the Teacher Education Program:

EDC 327 Reading in the Content Areas	3
EDC 330 Writing in the Content Areas	3
EDC 341 The Early Adolescent Learner and Methods in Middle Level Education	3
EDC 343 Methods and Management in Middle Level Education	3
SEM 345 Teaching Mathematics in the Middle School	3
EDC 346 Methods of Teaching Middle Level Social Studies	3
EDC 347 Methods of Teaching Middle Level English Language Arts	3
SEM 348 Methods of Teaching Middle Level Science	3
SEM 445 Applications of Teaching Middle Level Mathematics	3
EDC 446 Applications of Teaching Middle Level Social Studies	3
EDC 447 Applications of Teaching Middle Level English Language Arts	3
SEM 448 Applications of Teaching Middle Level Science	3
EDC 520 Assessment and Accountability in Middle Level Education	3
EDC 549 Middle Level Student Teaching	3-15

Content Area Courses (18-27 hours)

Students wishing to become certified in middle level (grades 5-9) must select two of the following content areas of specialization. Course requirements, particularly in the areas of English and Communication and Mathematics, have been prioritized to reflect prerequisite knowledge. Students should plan course work in these areas with the assistance of an advisor.

English and Communication (24 hours)

EDC/ENG 509 Composition for Teachers	3
ENG 230 Introduction to Literature	3
ENG 330 Text and Context (Subtitle required)	3
ENG 251 Survey of American Literature I	3
ENG 252 Survey of American Literature II	3
LIS 514 Literature and Related Media for Young Adults	3
LIN 211 Introduction to the Study of Language	3
LIN 317 Language and Society (Subtitle required)	3

Mathematics (25 hours)

The requirements for students choosing mathematics as a content area of specialization are based on standards developed by the National Council of Teachers of Mathematics, *KERA Goals and Academic Expectations*, and the *Core Content for Assessment*. The NCTM standards for middle grades include four common threads (reasoning, communication, problem solving, and connections) as well as content area standards of number, computation and estimation, probability, statistics, algebra, geometry, and measurement. Kentucky's *Goals and Academic Expectations* and the *Core Content for Assessment* focus mathematics instruction on seven core areas: number, mathematical procedures, mathematical structure, measurement, space and dimensionality, change, and data.

Required

MA 201 Mathematics for Elementary Teachers	3
MA 202 Mathematics for Elementary Teachers	3
MA 308 Mathematical Problem Solving For Middle School Teachers	3
MA 241 Geometry for Middle School Teachers	3
MA 162 Finite Mathematics and Its Applications	3
STA 291 Statistical Methods	3
MA 113 Calculus I	4
MA 261 Introduction to Number Theory	3

Science (27 hours)

The content area preparation required for students in the middle school education program is based on the standards adopted by the National Science Teacher's Association as well as Kentucky's *Core Content for Science Assessment* and the *New Teacher Standards*. It is important that science teachers have strong content preparation in the sciences. This is needed to communicate modes of scientific inquiry, select appropriate learning experiences, guide students in their early scientific efforts, and help students apply scientific knowledge and skills in their daily lives.

CHE 101 Molecular Science for Citizens	3
CHE 105 General College Chemistry I	4
CHE 111 Laboratory to Accompany General Chemistry I	1
EES 160 Geology for Teachers	3
EES 150 Earthquakes and Volcanoes or EES 210 Habitable Planet: Evolution of the Earth System	3
PHY 160 Physics and Astronomy for Teachers	3
PHY 120 How Things Work or PHY 130 Physics of Energy	3
BIO 148 Introductory Biology I	3
BIO 152 Principles of Biology II	3
BIO 155 Laboratory for Introductory Biology I	1

Social Studies (18 hours)

The middle school social studies content area teacher preparation program is guided by two principles: first, a commitment to continuous improvement based on reflection, evaluation, and on-going research; second, a commitment to peer collaboration as a source of professional growth. The program is guided by the National Council for Social Studies document, *Expectations of Excellence*, and the Kentucky *New Teacher Standards*.

ANT 220 Introduction to Cultural Anthropology	3
HIS 108 History of the United States Through 1876	3
HIS 109 History of the United States Since 1877	3
HIS 104 A History of Europe Through the Mid-Seventeenth Century	3
HIS 105 A History of Europe From the Mid-Seventeenth Century to the Present	3
ECO 201 Principles of Economics I	3

Electives

Electives for 120 total credit hours chosen with the help of an advisor.

TOTAL HOURS	120
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