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. 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.

II. Intellectual Inquiry in Arts and Creativity
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

Graduation Composition and Communication Requirement (GCCR)
EPE 301 Education in American Culture..............................................3

Graduation Composition and Communication Requirement hours (GCCR)..................................................................3

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.

*EDC 317 Introduction to Instructional Media........................................4
*EDP 202 Human Development and Learning.....................................3
*EDP 203 Teaching Exceptional Learners in Regular Classrooms........3
*EPE 301 Education in American Culture............................................3

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 Methods of Teaching Middle Level Mathematics.................3

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*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
*A total of four courses – two in each of the two selected content areas – must be completed from this group.

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 (Subtitle required) ..................................................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
EDC 504/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 296 Statistical Methods and Motivations ............................................................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 General Chemistry I Laboratory ...............................................................1
EES 160 Geology for Teachers ..................................................................................3
EES 150 Earthquakes and Volcanoes ......................................................................3
PHY 160 Physics and Astronomy for Teachers .......................................................3

**Electives**

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** (24 hours)

The middle level 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.

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
HIS 108 History of the United States Through 1876 ..............................................3
ECO 201 Principles of Economics I ...........................................................................3
GEO 172 Human Geography
  or
  GEO 160 Lands and Peoples of the Non-Western World ........................................3
ANT 160 Cultural Diversity in the Modern World
  or
  ANT 220 Introduction to Cultural Anthropology ..................................................3
HIS 229 The Ancient Near East and Greece to the Death of Alexander the Great
  or
  HIS 230 The Hellenistic World and Rome to the Death of Constantine ..................3
plus one of the following:
  HIS 206 History of Colonial Latin America, 1492 to 1810 .................................3
  HIS 208 History of the Atlantic World ..................................................................3
  HIS 260 African American History to 1865 ...............................................................3
  HIS 265 History of Women in America .................................................................3
  HIS 404 U.S. Women’s History to 1900 .................................................................3
  HIS 405 U.S. Women’s History Since 1900 .............................................................3

**Electives**

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

**TOTAL HOURS** .................................................................................................... 120