

Education (EDU)

The Education programs are part of the Division of Education. The organizing theme which undergirds and guides all the professional education programs at Pikeville College is “Effective teachers enable ALL students to learn.” To be able to make reflective analytical decisions that will enable all students to learn, teachers need appropriate knowledge, skills and dispositions. All students who seek teacher certification must apply for admission to the Pikeville College Teacher Education Program. The application is normally submitted to the Division of Education during the second semester of the junior year. Application submission deadline for fall admission is July 1.

Students seeking elementary, middle grades or secondary certification who do not have a baccalaureate degree from a regionally accredited institution must fulfill all graduation requirements of the College and the requirements for the specific certification area desired. *Certification requirements are subject to change based on guidelines published by the Education Professional Standards Board.* Specific requirements for all certification programs may be obtained from the Division of Education.

Admission to Pikeville College does not guarantee admission to the Teacher Education Program and admission to the Teacher Education Program does not insure automatic admission to the Pikeville College Student Teaching Program.

Criteria for Admission to the Teacher Education Program

The following criteria have been established for admission to the Pikeville College Teacher Education Program. (See Pikeville College Teacher Education Handbook for further information.)

1. The candidate must be enrolled at Pikeville College.
2. The candidate must submit a formal application for admission to the Division of Education with an attached copy of an ACT of 21 composite (or higher), or PPST minimum passing scores for the state of Kentucky. Applications must be submitted no later than July 1 to be considered for fall admission.
3. The candidate must have completed with a minimum GPA of 2.50 all required courses in general knowledge.
4. The candidate must have completed, with a minimum GPA of 2.50 and no grade lower than a “C”, all required courses in specialization knowledge.
5. The candidate must have completed, with a minimum GPA of 2.50 and no grade lower than a “C”, all required EDU 200-300 level courses in education.
6. Each candidate must have a copy of the American College Test (ACT) results on file in the Teacher Education Office.
7. The candidate must demonstrate competency in basic literacy skills by successfully completing one of the test options below.

Option 1:

The candidate must have a minimum composite score of 21 on the Enhanced American College Test (ACT).

Option 2:

The candidate must have the state of Kentucky minimum passing scores on Praxis I Pre-Professional Skills Test (PPST) in Reading, Mathematics, and Writing.

8. The candidate must have an overall (non-rounded) grade point average of 2.50 or higher at Pikeville College.
9. The candidate must demonstrate proficiency in oral and written communication skills by completing each of the following courses with a grade of “C” or better: ENG 111 or ENG 114, ENG 112 or ENG 115, and COM 225.
10. The candidate must demonstrate proficiency in mathematical skills by completing MTH 111 (Algebra for College Students) or a higher-level mathematics course with a grade of “C” or better.
11. The candidate must demonstrate proficiency in computer skills by completing CS 101 (Computer Literacy) or a higher-level Computer Science course with a grade of “C” or better.
12. The candidate must take the PRAXIS II Specialty Area Test(s).
13. The candidate must complete the interview for admission to Pikeville College Teacher Education Program with a rating of adequate or better.
14. The candidate must obtain a score of “adequate” or better on written assessments of Kentucky teacher standards and Pikeville College’s teacher standard.
15. The candidate must demonstrate an awareness of the Professional dispositions an effective teacher should possess.
16. The candidate must have satisfactorily completed Phase I of Clinical Experience.
17. Candidates must comply with House Bill 136 which requires a criminal background check for any volunteer serving in a public school. Check must not show any convictions that would disallow the candidate from serving as a volunteer in the school district.
18. The candidate must have on file with the Division of Education three positive recommendations.
19. The candidate must review and sign a declaration to uphold the Professional Code of Ethics for Kentucky School Personnel.
20. The candidate must submit a Personal and Professional Fitness Form completed and signed.

21. The candidate must sign a declaration acknowledging awareness of information required for certification in the state of Kentucky.
22. The candidate must keep the address, phone number, level of certification, area of specialization, and other changeable information up-to-date on the application.
23. The candidate must be admitted by the Teacher Education Committee which has representation from the College and public school system.

NOTE: Those students who plan to major in education but fail to meet any of the above admissions criteria are informed of the missing components. These students should check with the Chair of the Education Division and their advisor(s) for assistance. Tutorial assistance, along with other academic support services, are provided for students wishing assistance of this type.

Transfer Students

Transfer students must attend Pikeville College for at least one full semester and earn at least twelve semester hours of credit before applying for admission to the Teacher Education Program. They then must meet all the above stated criteria to be admitted, and they must complete all 400 level education courses EDU 202 – Introduction to Education as a Profession and EDU 302- Education in Kentucky at Pikeville College.

Post-Baccalaureate Students

Students who have completed a baccalaureate degree from a regionally accredited institution and wish to become certified teachers should meet with Pikeville College's Certification Officer who will advise them individually.

Admission to any Teacher Education Program

Applications for admission to any Teacher Education Program at Pikeville College are due in the Education Office, Administration 220, no later than July 1. When a candidate applies for admission he/she will have until the end of the last summer term of the academic year of the application submission to complete all admission criteria. In August of each year the Division will make recommendations to the Teacher Education Committee (TEC) concerning the admission status of each candidate. (See Teacher Education Handbook for further information).

Enrollment in Upper Division Professional Courses

Admission to the Teacher Education Program is required for enrollment in upper division professional education courses. They include professional education courses with prefixes of EDU and numbers of 400 or above. Students also need to note that all 400 level education courses must be taken at Pikeville College.

Description of Basic Programs

Pikeville College has a variety of teaching majors leading to either the Bachelor of Science degree or the Bachelor of Arts degree. Candidates who seek to be recommended for a teaching certificate must, after having met specific requirements, be accepted into the Teacher Education Program in order to complete required courses and be accepted into the Student Teaching Program to complete a student teaching assignment.

The Teacher Education Programs at Pikeville College are accredited by Kentucky's Education Professional Standards Board, which uses the standards of the National Council for the Accreditation of Teacher Education (NCATE) for evaluation purposes. Requirements for each teaching area at Pikeville College are in compliance with the Education Professional Standards Board certification guidelines and are subject to change.

The Pikeville College Division of Education offers teacher preparation programs in the following areas:

1. Elementary Education: A candidate who completes a program in elementary education will be prepared to teach in primary through fifth grade in Kentucky. Candidates are required to complete courses in general knowledge, specialization knowledge, and professional knowledge.
2. Middle Grades Education: A candidate who completes a program in middle grades education will be prepared to teach in grades five through nine in Kentucky. Candidates are required to complete courses in general knowledge; specialization knowledge, in one or two teaching fields; and professional knowledge.
3. Secondary Education: A candidate who completes a program in secondary education will be prepared to teach in grades eight through twelve in Kentucky. Candidates are required to complete courses in general knowledge, specialization knowledge in one of the following areas: (1) biology; (2) chemistry; (3) English; (4) mathematics; or (5) social studies, and professional knowledge.

Title II, Institutional Report on the Quality of Teacher Preparation

In October 1998, Congress voiced concern for the quality of teachers preparation by enacting Title II of the Higher Education Act (HEA). Title II includes new accountability measures in the form of new reporting requirements for institutions. The law requires institutions of higher education to report the following information:

- (1) Pass rates of graduates on teacher licensure exams
- (2) Comparison of the program with other teacher education programs in the state
- (3) Number of students enrolled in teacher education
- (4) Average number of hours of practice teaching
- (5) Faculty-student ratio for practice teaching

- (6) If program is approved or accredited by the state
- (7) Has program been designated by the state as low performing.

The following information is taken from Pikeville College's Title II Report for 2006-2007.

- (1) Pass rates of Pikeville College graduates on Praxis 100%
- (2) Comparison of program with other teacher education programs in the state Pikeville College's program is ranked in the top quartile.
- (3) Number of students enrolled or admitted to program (not including those seeking admission) 18
- (4) Average number of hours of practice teaching 490
- (5) Faculty-student ratio for practice teaching 1:9
- (6) Pikeville College's Teacher Education Program is approved by the state of Kentucky through the Education Professional Standards Board.
- (7) Pikeville College's Teacher Education Program is not under a designation as low-performing by the state of Kentucky.

Admission Criteria For Student Teaching

During the semester prior to student teaching, the candidate must apply for admission to the Pikeville College Student Teaching Program. The candidate must have already been admitted to the Pikeville College Teacher Education Program and must meet the criteria listed below. (See Pikeville College's Teacher Education Handbook for further information.

1. The candidate must submit a formal application for admission to Pikeville College's Student Teaching Program.
2. The candidate must satisfactorily complete all prerequisites to student teaching.
3. The candidate must have a minimum overall grade point average of 2.50 based on all work completed at Pikeville College;*
4. The candidate must have completed all Education courses (with the exception of student teaching) with a 2.50 and no grade lower than a "C"* (all completed coursework must be on file in registrar's office);
5. The candidate must have completed with a minimum GPA of 2.50 all required courses in general knowledge (all completed coursework must be on file in registrar's office);
6. The candidate must have completed with a minimum GPA of 2.50 and no grade lower than a "C" in all required courses in specialization knowledge (all completed coursework must be on file in registrar's office);
7. The candidate must have satisfactorily completed Phase I and Phase II of Clinical Experience;

8. The candidate must demonstrate a current and sufficient academic knowledge of certified content area(s) by obtaining passing scores on PRAXIS II; Subject Assessments/Specialty Area Test(s);
9. The candidate must successfully explain how to apply each of Kentucky's Teacher Standards and Pikeville College's Standard;
10. The candidate must demonstrate successful application of each of the Kentucky Teacher Standards and Pikeville College's Standard;
11. The candidate will respond with compliance to the dispositions an effective teacher should possess;
12. The candidate must submit a valid and current physical examination report including tuberculin test;
13. The candidate must not violate the Professional Code of Ethics for Kentucky School Personnel defined in 704 KAR 20:680 prior to and during the student teaching experience;
14. The candidate must submit Personal and Professional Fitness Form completed and signed.
15. The candidate must have passing scores on Praxis II: Principles of Learning and Teaching Test(s);
16. The candidate must complete a criminal background check through the Justice Cabinet. Check must not show any convictions that would disallow the candidate from serving as an employee in the school district where he/she will be placed for student teaching;
17. The candidate must be formally approved for admission to the Pikeville College Student Teaching Program by the Teacher Education Committee.
18. The candidate must submit a formal application for admission to Pikeville College's Student Teaching Program.
19. The candidate must satisfactorily complete all prerequisites to student teaching.

**Pikeville College Teacher Education Program does not allow for rounding up or down of GPA's.*

Elementary Education

A candidate who completes a program in elementary education will be prepared to teach in primary through fifth grade in Kentucky. Candidates are required to complete courses in general knowledge, specialization knowledge, and professional knowledge.

I. General Knowledge

BIO 100	Introduction to Biology (or higher)	3
BIO 101	Introduction to Biology Lab (or higher).....	1
COM 201	Fundamentals of Theatre	3
COM 225	Public Speaking.....	3
CS 101	Computer Literacy (or higher)	3

ECN 201	Principles of Economics I.....	3
ENG 111	Composition I	
	<i>or</i>	
ENG 114	Honors Composition I.....	3
ENG 112	Composition II	
	<i>or</i>	
ENG 115	Honors Composition II	3
ENG 200	Introduction to Literature	3
ES 107	Introduction to Earth Science	3
ES 108	Introduction to Earth Science Laboratory.....	1
HIS 225	American History I	3
HIS 226	American History II.....	3
MTH 111	Algebra for College Students (or higher)	3
MUS 115	Appreciation of Music: Classical	3
	<i>or</i>	
MUS 116	Appreciation of Music: Rock and Roll.....	3
PED 174	Concepts of Fitness and Wellness	2
PSY 110	General Psychology.....	3
REL 213	Old Testament Introduction	
	<i>or</i>	
REL 214	New Testament Introduction.....	3
REL 230	World's Great Living Religions.....	3
	(<i>or</i> REL elective)	

II. Specialization Knowledge-Interdisciplinary

BIO 100	Introduction to Biology (or higher)	3
BIO 101	Introduction to Biology Lab (or higher).....	1
COM 201	Fundamentals of Theatre	3
COM 225	Public Speaking.....	3
ECN 201	Principles of Economics I.....	3
EDR 224	Mathematics in the Elementary and the Middle School I	3
EDR 225	Mathematics in the Elementary and the Middle School II	3
EDR 320	Literature for Children and Young Adults	3
EDR 324	Art in the Elementary School.....	3
EDR 328	Music in the Elementary School	3
EDR 331	Reading in the Elementary School and the Middle School.....	3
EDR 332	Writing and Grammar in the Elementary and the Middle School.....	3
EDR 334	Science in the Elementary and the Middle School.....	3
EDR 336	Social Studies in the Elementary and the Middle School I	3
EDR 337	Social Studies in the Elementary and the Middle School II	3

EDR 338	Health and Fitness in the Elementary School.....	4
ENG 200	Introduction to Literature	3
ES 107	Introduction to Earth Science	3
ES 108	Introduction to Earth Science Lab	1
HIS 225	American History I	3
HIS 226	American History II	3
MTH 111	Algebra for College Students (or higher)	3
MUS 115	Appreciation of Music: Classical	

or

MUS 116	Appreciation of Music: Rock and Roll	3
PED 174	Concepts of Fitness and Wellness	2
PHY 102	Introduction to Physics	4

III. Professional Knowledge

EDU 202	Introduction to Education as a Profession.....	1
EDU 301	Education in America.....	2
EDU 302	Education in Kentucky	1
EDU 303	Health and Safety for the Classroom Teacher	3
EDU 304	Diversity in the Classroom.....	3
EDU 306	Literacy Instruction in the Elementary Classroom	3
EDU 383	Technology in Education.....	3
EDU 401	Principles and Practices of Classroom Management	3
EDU 402	Exceptional Learners in the Inclusive Classroom	3
EDU 403	Students as Learners	3
EDU 404	Assessment Strategies for the Classroom Teacher.....	3
EDU 407	Clinical Practice I: Curriculum, Instruction, and Assessment in the Elementary School Classroom ..	6
EDU 440	Clinical Practice II: Student Teaching in the Elementary School	12

Middle Grades Education

A candidate who completes a program in middle grades education will be prepared to teach in grades five through nine in Kentucky.

Candidates are required to complete courses in general knowledge, in specialization knowledge with the option of one or two teaching fields, and professional knowledge.

I. General Knowledge

ART 102	Survey of Art from Prehistory to the 14 th Century	3
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or

ART 103	Survey of Art from 14 th Century to the Present.....	3
BIO 100	Introduction to Biology or higher	3
BIO 101	Introduction to Biology Lab or higher	1
COM 225	Public Speaking.....	3
CS 101	Computer Literacy (or higher)	3
ECN 201	Principles of Economics I.....	3
ENG 111	Composition I	
	<i>or</i>	
ENG 114	Honors Composition I.....	3
ENG 112	Composition II	
	<i>or</i>	
ENG 115	Honors Composition II	3
ENG 200	Introduction to Literature	3
ES 107	Introduction to Earth Science	3
ES 108	Introduction to Earth Science Laboratory.....	1
HIS 221	World Civilization I.....	3
HIS 222	World Civilization II.....	3
MTH 111	Algebra for College Students (or higher)	3
MUS 115	Appreciation of Music: Classical	
	<i>or</i>	
MUS 116	Appreciation of Music: Rock and Roll	3
PED 174	Concepts of Fitness and Wellness	2
PSY 110	General Psychology.....	3
REL 213	Old Testament Introduction	
	<i>or</i>	
REL 214	New Testament Introduction.....	3
REL 230	World's Great Living Religions.....	3
	<i>(or REL elective)</i>	

II. Specialization Knowledge

Candidates seeking middle grades certification must choose Option I or Option II

*Option I: Specialization Knowledge with One Teaching Field
(Select one teaching field)*

A. English and Communication

COM 225	Public Speaking.....	3
EDR 320	Literature for Children and Young Adults	3
EDR 331	Reading in the Elementary and the Middle School.....	3
EDR 332	Writing and Grammar in the Elementary School and the Middle School.....	3
ENG 200	Introduction to Literature	3
ENG 300	Survey of World Literature Since 1700	3
ENG 311	Advanced Composition	3
ENG 315	Linguistics	3
ENG 340	Survey of British Literature I.....	3
ENG 341	Survey of British Literature II	3
ENG 342	Survey of American Literature I	3

ENG 343	Survey of American Literature II.....	3
ENG 345	Survey of Literary Criticism	3

B. Mathematics

EDR 224	Mathematics in the Elementary School and the Middle School I.....	3
EDR 225	Mathematics in the Elementary School and the Middle School II	3
EDR 311	Mathematics in the Middle School and the Secondary School.....	3
MTH 113	Precalculus Algebra	3
MTH 114	Trigonometry.....	2
MTH 115	Fundamentals of Geometry.....	3
MTH 121	Calculus I.....	4
MTH 200	Elementary Probability and Statistics	3
MTH 222	Calculus II.....	4
MTH 251	Discrete Mathematics.....	3
MTH 335	Linear Algebra.....	3

C. Science

BIO 151	Principles of Biology I.....	4
BIO 152	Principles of Biology II.....	4
BIO 310	Evolution and Ecology	3
CHE 100	Introduction to Chemistry.....	3
CHE 101	Introduction to Chemistry Laboratory.....	1
CHE 113	General Chemistry I.....	3
CHE 115	General Chemistry I Laboratory	1
CHE 147	Laboratory Safety	1
EDR 334	Science in the Elementary School and the Middle School	3
ES 107	Introduction to Earth Science	3
ES 108	Introduction to Earth Science Laboratory.....	1
HEA 216	Personal and Community Health	3
MTH 113	Precalculus Algebra	3
PHY 102	Introduction to Physics	4
PHY 105	Introduction to Astronomy and Astrophysics.....	3
PHY 106	Introduction to Astronomy and Astrophysics Laboratory.....	1

D. Social Studies

ANT 125	Introduction to Anthropology: Cultural and Linguistic	3
ECN 201	Principles of Economics I.....	3
ECN 202	Principles of Economics II	3
EDR 336	Social Studies in the Elementary School and the Middle School I.....	3
EDR 337	Social Studies in the Elementary School and the Middle School II	3

GEG 101	Cultural Geography	3
HIS 221	World Civilization I.....	3
HIS 222	World Civilization II.....	3
HIS 225	American History I	3
HIS 226	American History II.....	3
HIS 426	Colonial and Revolutionary America, 1600-1781	3
	<i>or</i>	
HIS 429	America Enters the Modern Age, 1865-1900.....	3
HIS 427	American United and Divided, 1781-1865.....	3
	<i>or</i>	
HIS 431	The United States from 1900 to 1945	3
PLS 223	United States Government and Politics	3
PLS 323	Comparative Government.....	3
PSY 110	General Psychology.....	3
SOC 119	Introduction to Sociology	3

*Option II: Specialization Knowledge with Two Teaching Fields:
(Select two teaching fields)*

A. English and Communication

COM 225	Public Speaking.....	3
EDR 320	Literature for Children and Young Adults	3
EDR 331	Reading in the Elementary School and Middle School.....	3
EDR 332	Writing and Grammar in the Elementary School and the Middle School	3
ENG 200	Introduction to Literature	3
ENG 300	Survey of World Literature Since 1700	3
ENG 311	Advanced Composition.....	3
ENG 342	Survey of American Literature I	3
ENG 343	Survey of American Literature II.....	3
ENG 345	Survey of Literary Criticism	3

B. Mathematics

EDR 224	Mathematics in the Elementary School and the Middle School I.....	3
EDR 225	Mathematics in the Elementary School and the Middle School II	3
EDR 311	Mathematics in the Middle School and the Secondary School	3
MTH 113	Precalculus Algebra	3
MTH 114	Trigonometry.....	2
MTH 115	Fundamentals of Geometry.....	3
MTH 121	Calculus I.....	3
MTH 200	Elementary Probability and Statistics	3
MTH 251	Discrete Mathematics.....	3

C. Science

BIO 151	Principles of Biology I.....	4
BIO 152	Principles of Biology II.....	4
CHE 100	Introduction to Chemistry.....	3
CHE 101	Introduction to Chemistry Laboratory.....	1
CHE 147	Laboratory Safety	1
EDR 334	Science in the Elementary School and the Middle School.....	3
ES 107	Introduction to Earth Science	3
ES 108	Introduction to Earth Science Laboratory.....	1
HEA 216	Personal and Community Health	3
MTH 113	Precalculus Algebra	3
PHY 102	Introduction to Physics	4
PHY 105	Introduction to Astronomy and Astrophysics.....	3
PHY 106	Introduction to Astronomy and Astrophysics Laboratory.....	1

D. Social Studies

ECN 201	Principles of Economics I.....	3
ECN 202	Principles of Economics II	3
EDR 336	Social Studies in the Elementary School and the Middle School I.....	3
EDR 337	Social Studies in the Elementary School and the Middle School II	3
GEG 101	Cultural Geography	3
HIS 221	World Civilization I.....	3
HIS 222	World Civilization II.....	3
HIS 225	American History I	3
HIS 226	American History II	3
PLS 223	U.S. Government and Politics	3
PSY 110	General Psychology.....	3
SOC 119	Introduction to Sociology	3

III. Professional Knowledge

EDU 202	Introduction to Education as a Profession.....	1
EDU 301	Education in America.....	2
EDU 302	Education in Kentucky	1
EDU 303	Health and Safety for the Classroom Teacher	3
EDU 304	Diversity in the Classroom.....	3
EDU 307	Content Area Reading.....	3
EDU 383	Technology in Education.....	3
EDU 401	Principles and Practices of Classroom Management	3
EDU 402	Exceptional Learners in the Inclusive Classroom	3
EDU 403	Students as Learners	3
EDU 404	Assessment Strategies for the	

	Classroom Teacher.....	3
EDU 408	Clinical Practice I: Curriculum, Instruction, and Assessment in the Middle School English, Mathematics, Science, or Social Studies Classroom	6
EDU 442	Clinical Practice II: Student Teaching in the Middle School.....	12

Secondary Education

A candidate who completes a program in secondary education will be prepared to teach in grades eight through twelve in Kentucky. The candidate will be required to complete courses in general knowledge, in specialization in one of the following areas: biology, chemistry, English, mathematics, or social studies, and professional knowledge.

I. General Knowledge

ART 102	Survey of Art from Prehistory to the 14 th Century	3
	<i>or</i>	
ART 103	Survey of Art from the 14 th Century to the Present	3
BIO 100	Introduction to Biology (or higher)	3
BIO 101	Introduction to Biology Lab (or higher).....	1
COM 225	Public Speaking.....	3
CS 101	Computer Literacy (or higher)	3
ECN 201	Principles of Economics I.....	3
ENG 111	Composition I	
	<i>or</i>	
ENG 114	Honors Composition I.....	3
ENG 112	Composition II	
	<i>or</i>	
ENG 115	Honors Composition II	3
ENG 200	Introduction to Literature	3
ES 107	Introduction to Earth Science	3
ES 108	Introduction to Earth Science Laboratory.....	1
HIS 221	World Civilization I.....	3
HIS 222	World Civilization II.....	3
MTH 111	Algebra for College Students (or higher)	3
MUS 115	Appreciation of Music: Classical	
	<i>or</i>	
MUS 116	Appreciation of Music: Rock and Roll	3
PED 174	Concepts of Fitness and Wellness	2
PSY 110	General Psychology.....	3
REL 213	Old Testament Introduction	
	<i>or</i>	

REL 214	New Testament Introduction.....	3
REL 230	World's Great Living Religions.....	3
	<i>(or REL elective)</i>	

II. Areas of Specialization

A. Biology

Specialization Knowledge

BIO 151	Principles of Biology I.....	4
BIO 152	Principles of Biology II.....	4
BIO 310	Evolution and Ecology.....	3
BIO 313	Botany.....	4
BIO 314	Zoology.....	4
BIO 320	Genetics.....	4
BIO 411	Ecology II.....	4
BIO 420	General Physiology.....	4

Support Courses

CHE 113	General Chemistry I.....	3
CHE 114	General Chemistry II.....	3
CHE 115	General Chemistry I Laboratory.....	1
CHE 116	General Chemistry II Laboratory.....	1
CHE 147	Laboratory Safety.....	1
MTH 113	Precalculus Algebra.....	3
MTH 114	Trigonometry.....	2
PHY 223	General Physics I.....	4
ES 107	Introduction to Earth Science.....	3
ES 108	Introduction to Earth Science Laboratory.....	1

B. Chemistry

Specialization Knowledge

CHE 113	General Chemistry I.....	3
CHE 114	General Chemistry II.....	3
CHE 115	General Chemistry I Laboratory.....	1
CHE 116	General Chemistry II Laboratory.....	1
CHE 147	Laboratory Safety.....	1
CHE 313	Organic Chemistry I.....	4
CHE 314	Organic Chemistry II.....	4
CHE 315	Organic Chemistry I Laboratory.....	1
CHE 316	Organic Chemistry II Laboratory.....	1
CHE 321	Quantitative Analysis.....	4
CHE 400	Physical Chemistry I.....	4
CHE 425	Biochemistry.....	4
CHE 480	Seminar in Chemistry.....	1
CHE 498	Laboratory Internship (Chemistry).....	1

Support Courses

BIO 151	Principles of Biology I.....	4
ES 107	Introduction to Earth Science.....	3

ES 108	Introduction to Earth Science Laboratory.....	1
MTH 121	Calculus I.....	4
MTH 222	Calculus II.....	4
PHY 223	General Physics I.....	4
PHY 224	General Physics II.....	4

C. English

Specialization Knowledge

ENG 300	Survey of World Literature Since 1700.....	3
ENG 311	Advanced Composition.....	3
ENG 315	Linguistics.....	3
ENG 325	Creative Writing.....	3
ENG 330	Women Authors.....	3
ENG 340	Survey of British Literature I.....	3
ENG 341	Survey of British Literature II.....	3
ENG 342	Survey of American Literature I.....	3
ENG 343	Survey of American Literature II.....	3
ENG 345	Survey of Literary Criticism.....	3
ENG 360	Shakespeare.....	3
ENG 400	English Senior Seminar.....	3

D. Mathematics

Specialization Knowledge

MTH 113	Precalculus Algebra.....	3
MTH 114	Trigonometry.....	2
MTH 121	Calculus I.....	4
MTH 115	Fundamentals of Geometry.....	3
MTH 200	Elementary Probability and Statistics.....	3
MTH 222	Calculus II.....	4
MTH 223	Calculus III.....	4
MTH 251	Discrete Mathematics.....	3
MTH 303	Introduction to Abstract Mathematics.....	3
MTH 335	Linear Algebra.....	3
MTH 400	Advanced Geometry.....	3
MTH 410	Abstract Algebra.....	3

Support Courses

CS 112 or 221	Basic (or Object Oriented Programming).....	4
EDR 311	Mathematics in the Middle School and the Secondary School.....	3

E. Social Studies

Specialization Knowledge

History Requirements:

HIS 221	World Civilization I.....	3
HIS 222	World Civilization II.....	3

HIS 225	American History I	3
HIS 226	American History II	3
History Elective Requirements		18
*History electives at 300/400 level (9 hours from Group A, 6 hours from Group B, and 3 hours from Group C)		
<i>Group A:</i> HIS 426, 427, 429, 431, 432, 448*		
<i>Group B:</i> HIS 312, 314, 324, 364, 365		
<i>Group C:</i> HIS 455**, 463***, (or any course from Group A or B that was not taken to fulfill the above requirement.)		

Political Science Requirements:

PLS 223	United States Government and Politics	3
Political Science Elective Requirements		3
(Select from the following)		
PLS 323	Comparative Government.....	3
PLS 423	International Relations.....	3
PLS 448*	The Development of the American Constitution..	3
PLS 455**	American Chief Executive.....	3
PLS 463***	American Foreign Relations, 1776 to Present	3

Economics Requirements:

ECN 201	Principles of Economics I.....	3
ECN 202	Principles of Economics II	3

Psychology, Sociology, Geography, and Anthropology Requirements:

ANT 125	Introduction to Anthropology:	
Cultural and Linguistics		3
GEG 101	Cultural Geography	3
SOC 119	Introduction to Sociology	3
PSY 110	General Psychology.....	3

* *HIS 448 and PLS 448 are cross-listed and may be taken only as one or the other.*

** *HIS 455 and PLS 455 are cross-listed and may be taken only as one or the other.*

*** *HIS 463 and PLS 463 are cross-listed and may be taken only as one or the other.*

III. Professional Knowledge

EDU 202	Introduction to Education as a Profession.....	1
EDU 301	Education in America.....	2
EDU 302	Education in Kentucky	1
EDU 303	Health and Safety for the Classroom Teacher	3
EDU 304	Diversity in the Classroom.....	3
EDU 307	Content Area Reading.....	3
EDU 383	Technology in Education.....	3
EDU 401	Principles and Practices of Classroom Management	3
EDU 402	Exceptional Learners in the Inclusive Classroom	3
EDU 404	Assessment Strategies for the Classroom Teacher..	3

EDU 403	Students as Learners	3
EDU 409	Clinical Practice I: Curriculum, Instruction and Assessment in the Secondary Biology, Chemistry, English, Mathematics, or Social Studies Classroom.....	6
EDU 444	Clinical Practice II: Student Teaching in the Secondary School.....	12

Education Course Descriptions

EDU 202 Introduction to Education as a Profession.....(1)
 Prospective teacher education candidates will be taken on an exploration of teaching as a profession. Prospective candidates will spend time in an elementary, middle and high school. *Pre- or corequisite: ENG 112 or ENG 115. (Should be taken before admission to the Teacher Education Program.)*

EDU 301 Education in America.....(2)
 This course seeks to convey the important knowledge and issues in the field of education in a way that bridges educational research and classroom practices. *Prerequisite: ENG 112 or ENG 115. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDU 302 Education in Kentucky.....(1)
 This course will provide an overview of education in the state of Kentucky and an overview of Pikeville College’s Teacher Education Program. *Pre- or corequisites: EDU 202 and EDU 301. (Should be taken the semester before admission to the Teacher Education Program.)*

EDU 303 Health and Safety for the Classroom Teacher.....(3)
 In this course preservice teachers will examine the role of the classroom teacher in advocating, instructing, and facilitating a coordinated school health and safety program. Preservice teachers will develop an understanding of health and safety issues concerning P-12 students and P-12 teachers. *Pre- or corequisites: EDU 202 and EDU 301. (Should be taken before admission to the Teacher Education Program.)*

EDU 304 Diversity in the Classroom.....(3)
 In this course preservice teachers will develop an understanding of how learning is influenced by individual experiences, talents, and prior learning as well as language, culture, family, and community values. *Pre- or corequisites: EDU 202 and EDU 301. (Should be taken before admission to the Teacher Education Program.)*

EDU 306 Literacy Instruction in the Elementary Classroom.....(3)
 In this course preservice teachers will be introduced to an integrated approach to teaching literacy skills. They will learn to use concepts from reading, language, and child development to teach reading, writing, speaking, viewing, listening, and thinking skills to help students successfully apply their developing skills to many different situations, materials, and ideas. *Prerequisite: EDR 331. Pre- or corequisites: EDU 202, EDU 301 and EDR 332. (Should be taken before admission to the Teacher Education Program.)*

EDU 307 Content Area Reading.....(3)

In this course preservice teachers will develop the skills needed to help their students develop the ability to use reading, writing, talking, and listening processes to learn subject matter across the curriculum. *Pre- or corequisites: EDU 202 and EDU 301. (Should be taken before admission to the Teacher Education Program.)*

EDU 383 Technology in Education(3)

In this course preservice teachers will learn how to utilize technology to advance the learning of their students and to facilitate their job as a teacher. *Prerequisite: CS 101 or higher. Pre- or corequisites: EDU 202, 301, 302, 303, and 304. (Should be taken before admission to the Teacher Education Program.)*

EDU 401 Principles and Practices of Classroom Management(3)

In this course preservice teachers will be introduced to the principles of effective classroom management and strategies to promote positive relationships, cooperation, and purposeful learning. Topics discussed will include establishing daily procedures and routines, establishing a personal discipline plan, arrangement of classroom space, and response to student misbehavior. *Corequisites: EDU 402, 403, 404 and 407 or EDU 408 or EDU 409. (Must be taken after admission to the Teacher Education Program.)*

EDU 402 Exceptional Learners in the Inclusive Classroom.....(3)

This course is intended to provide future teachers with the skills needed to identify students for referral for possible assessment for special education services, to modify units of instruction, to meet the individual needs of exceptional learners and to collaborate with special education teachers in meeting the individual needs of exceptional learners in the general education classroom. *Corequisites: EDU 401, 403, 404 and 407 or EDU 408 or EDU 409. (Must be taken after admission to the Teacher Education Program.)*

EDU 403 Students as Learners.....(3)

In this course preservice teachers will be introduced to the major concepts, principles, theories, and research related to the development of children and adolescents and discuss how to construct learning opportunities that support individual students' development, acquisition of knowledge, and motivation. *Corequisites: EDU 401, 402, 404, 407 or EDU 408 or EDU 409. (Must be taken after admission to the Teacher Education Program.)*

EDU 404 Assessment Strategies for the Classroom Teacher(3)

This course will provide the preservice teacher with an understanding of measurement theory and assessment related issues including types of assessments, characteristics of assessments, scoring assessments, and uses of assessments. *Corequisites: EDU 401, 402, 403 and 407 or EDU 408 or EDU 409. (Must be taken after admission to the Teacher Education Program.)*

**EDU 407 Clinical Practice I: Curriculum, Instruction, and Assessment
in the Elementary School Classroom.....(6)**

In this course preservice teachers will develop, practice and reflect on the skills and techniques of effective teaching in an elementary classroom. Three hours of lecture, discussion and reflection per week accompanied by 15 hours of clinical practice in a P-5

classroom. *Corequisites: EDU, 401, 402, 403, and 404. (Must be taken after admission to the Teacher Education Program.)*

EDU 408 Clinical Practice I: Curriculum, Instruction, and Assessment in the Middle School English, Mathematics, Science, or Social Studies Classroom.....(6)

In this course preservice teachers will develop, practice and reflect on the skills and techniques of effective teaching in a middle grades English, mathematics, science, or social studies classroom. Three hours of lecture, discussion and reflection per week accompanied by 15 hours of clinical practice in a middle grades classroom. *Corequisites: EDU 401, 402, 403, and 404. (Must be taken after admission to the Teacher Education Program.)*

EDU 409 Clinical Practice I: Curriculum, Instruction, and Assessment in the Secondary Biology, Chemistry, English, Mathematics, or Social Studies Classroom.....(6)

In this course preservice teachers will develop, practice, and reflect on the skills and techniques of effective teaching in a secondary biology, chemistry, English, mathematics, or social studies classroom. Three hours of lecture, discussion and reflection per week accompanied by 15 hours of clinical practice in a secondary biology, chemistry, English, mathematics, or social studies classroom. *Corequisites: EDU 401, 402, 403, and 404. (Must be taken after admission to the Teacher Education Program.)*

EDU 440 Clinical Practice II: Student Teaching in the Elementary School.....(12)

Student teaching is viewed as the capstone to the elementary education program. All areas of knowledge are integrated and theory is put into practice as the preservice teacher assumes full responsibility for students' learning in an elementary classroom. *Prerequisite: Admission to Pikeville College Student Teaching Program.*

EDU 442 Clinical Practice II: Student Teaching in the Middle School.....(12)

Student teaching is viewed as the capstone to the middle grades education program. All areas of knowledge are integrated and theory is put into practice as the preservice teacher assumes full responsibility for students' learning in a middle grades school classroom. *Prerequisite: Admission to Pikeville College Student Teaching Program.*

EDU 444 Clinical Practice II: Student Teaching in the Secondary School.....(12)

Student teaching is viewed as the capstone to the secondary education program. All areas of knowledge are integrated and theory is put into practice as the preservice teacher assumes full responsibility for students' learning in a secondary school classroom. *Prerequisite: Admission to Pikeville College Student Teaching Program.*

**Note: All 400 Level EDU courses require admission to the Teacher Education Program.*

Education Related Course Descriptions

EDR 224 Mathematics in the Elementary School and the Middle School I.....(3)

In this course content and teaching strategies appropriate for mathematics instruction in the elementary and middle grades will be studied. *Prerequisite: MTH 111 or higher. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 225 Mathematics in the Elementary School and the Middle School II.....(3)
This course will continue with the study begun in EDR 224 of the content and teaching strategies appropriate for mathematics instruction in the elementary and middle grades. *Prerequisite: EDR 224. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 311 Mathematics in the Middle School and the Secondary School(3)
In this course content and teaching strategies appropriate for mathematics instruction in the middle school and high school will be studied. *Prerequisite: MTH 121. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 320 Literature for Children and Young Adults.....(3)
This course surveys the genres of the literature of children and young adults. The preservice teacher will learn how an author uses the elements of literature (plot and structure, characters, setting, point of view, language and style, and theme) to create literary work. The preservice teacher will learn how to identify characteristics of fiction and nonfiction and literary genres (folk literature, poetry, essays, plays, short stories, and novels). The preservice teacher will learn how to use a variety of creative dramatics (improvisation, mimicry, pantomime, role playing, and storytelling). *Prerequisite: ENG 112 or ENG 115. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 324 Art in the Early Elementary School(3)
In this course content and teaching strategies appropriate for art instruction in the elementary (grades P-5) will be studied. *Prerequisite: ENG 112 or ENG 115. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 328 Music in the Elementary School.....(3)
In this course content and teaching strategies appropriate for music instruction in the elementary (grades P-5) will be studied. *Prerequisite: ENG 112 or ENG 115. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 331 Reading in the Elementary School and the Middle School.....(3)
In this course content and teaching strategies appropriate for reading instruction in the elementary and middle grades will be studied. *Prerequisite: ENG 112 or ENG 115. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 332 Writing and Grammar in the Elementary School and Middle School(3)
In this course content and teaching strategies appropriate for writing and grammar instruction in the elementary and middle grades will be studied. *Prerequisite: ENG 112 or ENG 115. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 334 Science in the Elementary School and the Middle School(3)

In this course content and teaching strategies appropriate for science instruction in the elementary and middle grades will be studied. *Prerequisites: BIO 100 and BIO 101 or BIO 151 and BIO 152, ES 107, ES 108, and PHY 102. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 336 Social Studies in the Elementary School and the Middle School I.....(3)

In this course content and teaching strategies appropriate for social studies instruction in the elementary and middle school grades will be studied. *Prerequisites: HIS 225 and HIS 226. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 337 Social Studies in the Elementary School and the Middle School II(3)

This course will continue with the study begun in EDR 336 of the content and teaching strategies for social studies instruction in the elementary and middle grades. *Prerequisite: EDR 336. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*

EDR 338 Health and Fitness in the Elementary School(4)

In this course content and teaching strategies appropriate for the integration of health and fitness concepts into the general elementary school curriculum will be studied. *Prerequisite: ENG 112 or ENG 115. Pre- or corequisite: EDU 202. (Should be taken before admission to the Teacher Education Program.)*