

# EDUCATION: ADVANCED PRACTITIONER (EDAP)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes ([https://csprd.louisville.edu/psp/ps\\_class/EMPLOYEE/PSFT\\_CS/c/COMMUNITY\\_ACCESS.CLASS\\_SEARCH./x/?state=62dab551a0d600a5e8237359c50704e59007&duo\\_code=sjUx20STj21bWVEu03Z1YRjHmfpxqov](https://csprd.louisville.edu/psp/ps_class/EMPLOYEE/PSFT_CS/c/COMMUNITY_ACCESS.CLASS_SEARCH./x/?state=62dab551a0d600a5e8237359c50704e59007&duo_code=sjUx20STj21bWVEu03Z1YRjHmfpxqov)).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<https://louisville.edu/bursar/tuitionfee/university-fees/>).

### EDAP 510. Special Topics in Instruction 3 Units

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### EDAP 511. Reading and Writing in Content Areas 3 Units

**Prerequisite(s):** 12 hours in education or psychology, or consent of instructor.

**Description:** A comparison of the developmental and remedial reader at the middle and secondary levels, with emphasis on developing instructional strategies, materials, and programs in middle and secondary content areas.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### EDAP 518. Survey of Linguistics for Educators 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** This course is a survey of both the theoretical and applied aspects of Linguistics. This is not an in-depth exploration of single-topic in the field of Linguistics but rather, a course designed to introduce students to the discipline of linguistics, especially those who are classroom educators. This course serves to introduce students to aspects of theoretical linguistics (phonology, morphology, syntax, semantics, and pragmatics, L1 & L2 acquisition) and explore various aspects of applied linguistics (Sociolinguistics, Linguistic Anthropology, English Language Learners). This course will encourage students to think critically about language and its use and apply the theoretical aspects of linguistics in a way that informs best practices.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### EDAP 521. Teaching English Learners in the Classroom 3 Units

**Description:** A focus on strategies for working effectively with English learners and their families by teachers in P-12 classrooms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### EDAP 525. World Englishes 3 Units

**Prerequisite(s):** EDAP 518 (or concurrently).

**Description:** Exploring the historical, social, and political contexts of the discipline of World Englishes. Topics such as language standardization, the internationalization of English, and challenges of teaching and testing of English as an international language will be discussed.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### EDAP 530. Language, Society & Power 3 Units

**Prerequisite(s):** EDAP 518 (or concurrently).

**Description:** Exploring the intersection of language and culture by challenging students to think critically about language and culture and the impact of both across ages, genders, social classes, ethnicities, and personal identities.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### EDAP 535. Teaching English as an International Language 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** EDAP 518 (or concurrently) or permission of the ESL program coordinator.

**Description:** This course will introduce students to the theoretical construct and practical consideration of teaching English overseas. It necessarily assumes English language teaching is an activity infused with social and political implications. By providing a theoretical construct as the course platform, the course will explore the roles of teachers and learners, the context of curricula, and the choice of methodology to reflect the cultural values of teaching English in an international setting.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### EDAP 536. Theories of Play 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** This course offers knowledge about how play contributes to young children's development and learning.

**Note:** Cross-listed with EDSP 436.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### EDAP 540. Teaching Adolescent Readers 3 Units

**Description:** Examines active reading processes, instructional strategies, and appropriate adolescent literature for teaching both the developmental and the remedial reader in secondary language arts.

**Note:** Cross-listed with EDTP 540.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- EDAP 541. Middle-Level Learner** 3 Units  
**Description:** The course is designed for practicing teachers in middle school or preparing to teach in middle school. The course is an in-depth study of the philosophical approach to educating young adolescent learners. The course will focus on the developmental issues and curricular concepts related to teaching at the middle-level. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 546. Mathematical Reasoning in K-12** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** This course examines mathematical processes and practices that define mathematical proficiency and explores instructional practices to ensure students develop mathematical competence and confidence. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 550. Foundations I: History and Philosophy of Social Justice Education** 3 Units  
**Term Typically Offered:** Fall Even Years  
**Description:** This course provides a foundational examination of the theories, ideologies, and historical events that have shaped the landscape of social justice education, with a critical lens aimed at understanding both the progress made and the challenges that persist. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 582. Teaching Gifted Students in the Regular Classroom** 3 Units  
**Description:** Introduction to the nature and needs of gifted, talented, and creative children in K-12 classrooms, ways to meet these needs, and ways to increase gifted behaviors in a greater number of children than those already identified. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 585. Introduction to Educational Technology: Integrating Technology into Instruction** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Develop a skill base in using and critically evaluating the usefulness, validity, and viability of instructional technologies appropriate for use in the P-12 classroom. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 587. Teaching and Learning Online** 3 Units  
**Description:** This course is designed to help students actively explore multiple and varied ways to use online tools and resources to support learning in P-12 and higher education contexts. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 590. Teacher Institute on African-American Issues** 3 Units  
**Description:** An introduction to Pan-African Studies focusing on multicultural educational strategies for public school educators.  
**Note:** Cross-listed with PAS 529.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 591. Survey of African History and Culture for Teachers** 3 Units  
**Description:** An intensive survey of the history and culture of Africa (to 1600) for teachers.  
**Note:** Cross-listed with PAS 530.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 592. Survey of African-American History and Culture for Teachers** 3 Units  
**Description:** An intensive survey of the history and culture of African Americans for teachers.  
**Note:** Cross-listed with PAS 531.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 596. Seminar in Elementary Education** 1-4 Units  
**Description:** The investigation of special problems in education. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 597. Seminar in Elementary Education** 1-4 Units  
**Description:** The investigation of special problems in education. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 600. Foundations II: Emerging Trends and Issues in Social Justice Education** 3 Units  
**Term Typically Offered:** Spring Odd Years  
**Prerequisite(s):** EDAP 550: Foundations I In this course, students will apply theoretical perspectives developed in Foundations I in order to analyze and understand how public schools are structured, functioned, and reproduced.  
**Description:** Furthermore, they will explore how these characteristics of public schools result in different educational experiences for various student groups/populations, including their own personal and professional development as educators. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 601. Teaching with Emerging Technologies** 3 Units  
**Description:** Design, explore and research the usefulness, validity, and viability of emerging technologies affecting student achievement in the P-12 classroom. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- EDAP 603. The Foxtire Approach to Teaching** 3 Units  
**Description:** Provides a thorough working knowledge of philosophy and pedagogy found in the Foxtire approach, a learner-centered approach to classrooms. Prepares teachers at all levels to articulate, accept as valuable, and begin to develop the skills necessary to implement the eleven core practices of the Foxtire approach. Designed for teachers of children grades K-12.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 604. Special Problems or Field Experience in Curriculum Development** 3 Units  
**Description:** Intensive study in a current problem in an area of curriculum development or curriculum construction.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 605. Action Research for Classroom Teachers** 3 Units  
**Grading Basis:** Pass/Fail  
**Description:** Involves teachers in identifying questions about their own teaching and classroom situations, developing research methods appropriate for addressing those questions, and conducting a classroom-based study. Pass/Fail only.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 606. Orientation and Readings** 3 Units  
**Prerequisite(s):** Admission to the MEd Program.  
**Description:** Read, discuss and write about current literature related to the key Program Concepts within discipline specific fields as well as across content areas, and develop a well-designed research study. Goals and themes of the program will be studied. Students will investigate the literature base supporting the overarching concept of the program: Teaching for Knowledge, Leadership and Change: Enabling Success for All Learners.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 608. Integrated Thematic Units** 3 Units  
**Description:** Enables participants to design units integrating several disciplines around an appropriate theme in ways that are appropriate for a diverse group of students.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 610. Literacy Research & Theory** 3 Units  
**Prerequisite(s):** 12 hours in education, to include one introductory course in the teaching of reading.  
**Description:** An advanced course in reading instruction providing an intensive analysis of current research in the theories and strategies of teaching in the elementary, middle or secondary level.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 611. Innovation and Leadership in Teaching** 3 Units  
**Description:** A study of methods of integrating mathematics, writing, and technology. Participants will work with children in a camp-like setting.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 612. Louisville Writing Project** 1-6 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** LWP is a year-long program aimed at improvement of writing instruction at all levels. It focuses on teacher as writer, as inquirer, and as instructional leader. LWP involves an intensive multi-week workshop as well as follow-up leadership and action research activities during the academic year.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 614. Supporting Struggling Readers and Writers K-12** 3 Units  
**Prerequisite(s):** One basic course on the teaching of reading and writing.  
**Description:** Addresses the needs of teachers who work with students who have not learned to be fluent, eager and effective readers and writers. Focuses development of literacy concepts that define, support, keep flexible literacy skills.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 615. Measurement and Diagnosis of Literacy** 3 Units  
**Prerequisite(s):** EDAP 610.  
**Description:** An introduction to diagnostic concepts in reading, with an emphasis on screening instruments, materials, and tutoring procedures.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 618. Capstone Practicum in Literacy: Reading Specialist** 3 Units  
**Prerequisite(s):** EDAP 639, EDAP 610, and EDAP 614.  
**Description:** Supervised internship providing for analysis and refinement of assessment and instruction practices in reading. Settings determined with pupil consultation.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 619. Environmental Education Institute: The Study of Rural and Urban Watersheds** 3 Units  
**Description:** Using a watershed as the focus, this course will examine the impact people have on the environment. Through field trips, community speakers, individual and group research, the students will document the aesthetic, cultural and ecological aspects of a watershed. Participants in the course will be able to use the approach modeled in the course with their students on any watershed.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 620. Introduction to Teaching Elementary Mathematics Education** 3 Units

**Description:** An investigation of trends, learning theories, instructional activities, and manipulative materials applicable to mathematics education in the elementary school.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 621. Advanced Methods for Teaching Elementary Mathematics** 3 Units

**Prerequisite(s):** A course in teaching elementary mathematics.

**Description:** An advanced course investigating trends, learning theories, instructional activities, and manipulative materials applicable to mathematics education in the elementary school.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 622. Assessment and Instruction in Mathematics Education** 3 Units

**Prerequisite(s):** EDAP 620 or EDAP 621 or consent of instructor.

**Description:** A study of methods for assessing students' knowledge and ability in mathematics, and of instructional strategies for increasing students' knowledge and ability in mathematics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 623. Integrating Mathematics with Other Content Areas** 3 Units

**Description:** An investigation of theories, methods, and materials for integrating mathematics with other content areas. Content areas may vary.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 624. Curriculum Theory** 3 Units

**Prerequisite(s):** Admission to the MEd program.

**Description:** Study of significant curriculum theories as they relate to American schooling historically and today. While primarily an opportunity for exploring theory and philosophy of curriculum, students will be encouraged to link theory to practice.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 625. Social and Ethical Development in Teaching** 3 Units

**Description:** Study of theoretical and practical constructs that foster caring and integration of children's and adolescents' intellectual, ethical, and social development in the classrooms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 628. Kentucky Institute for Arts in Education** 3 Units  
**Grading Basis:** Pass/Fail

**Description:** Kentucky Institute for Arts in Education is a two week course designed to provide participants with hands-on experience in dance/movement, drama, music, visual art and creative writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 629. Teaching Mathematics with Technology** 3 Units

**Description:** Focuses on using technology as a tool in the teaching of mathematics in elementary and middle school.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 630. Theories of Child Development** 3 Units

**Description:** Analysis and comparison of psychoanalytic, cognitive behavioral perspectives of child development. Traces growth and development of children 0-12 years as the foundation for curriculum development.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 633. Advanced Curriculum and Methods in Early Childhood Special Education** 3 Units

**Prerequisite(s):** Admission to Teacher Education.

**Description:** Explores early childhood models, strategies, and materials appropriate for use with children with special needs.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 635. Administration and Consultations: Day Care and Early Childhood Education** 3 Units

**Prerequisite(s):** Admission to Teacher Education.

**Description:** Explores the responsibilities of the day care or early childhood director and the early childhood consultant.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 636. Advanced Reading Methods P-12** 3 Units

**Description:** This course addresses knowledge and implementation of research-based reading methods appropriate for preschool through secondary students, with an emphasis on developing skillful and strategic lifelong readers. Concepts from the course will be applied in P-12 through required field experience.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 637. Using Assessment to Improve Student Achievement** 3 Units

**Description:** Addresses knowledge and implementation of assessment concepts, methods of analyzing various types of student achievement data, and planning and implementation of appropriate instruction and interventions for diverse learners.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 638. Instructional Strategies for Diverse Learners** 3 Units

**Description:** Investigation of differentiated, culturally relevant instructional strategies and materials to improve and manage instruction while integrating technology-enhanced practices to meet the needs of diverse learners in the 21st century.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)



**EDAP 639. Education Research in P-12 Setting****3 Units****Term Typically Offered:** Fall, Summer**Description:** Analysis of research in education relative to methodology and current research efforts in the field. Consideration given to understanding research design and the reading of research studies.**Note:** Cross-listed with EDSP 639.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 640. Cognitive Coaching****3 Units****Description:** Addresses the advanced knowledge, skills, and dispositions needed for teachers involved in coaching and/or mentoring relationships. The focus will be on using Cognitive Coaching to support reflective, self-directed teachers.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 641. Literacy Leadership and School-Wide Planning****3 Units****Prerequisite(s):** EDAP 610, EDAP 639, EDAP 614, and EDAP 615.**Description:** Addresses teacher literacy leadership, including the role of the reading specialist/literacy coach, professional development techniques, using data for school literacy improvement, and developing school community and family literacy partnerships.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 642. Literacy Learning and Cultural Differences****3 Units****Description:** Explores the current knowledge base and theoretical frameworks used to explain differential achievement rates between students of diverse cultural, ethnic, and linguistic backgrounds.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 644. Reading/Writing Workshop: Using Children's Literature to Empower Readers and Writers K-12****3 Units****Prerequisite(s):** Preservice course in literacy or consent of instructor.**Description:** Students experience the workshop approach to teach writing and create passion for literacy, learning about writers' sketch notebooks, using writings of exceptional authors, creating community that fosters risk-taking and critical thinking, and integrating the arts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 645. Advanced Studies of Children's Literature****3 Units****Prerequisite(s):** Previous undergraduate language arts/literature course or permission of instructor.**Description:** Explores literature available for preschool through 8th grade; studies the role of literature in child development and curriculum; identifies trends and issues; and develops evaluative criteria.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 646. Teaching Number and Algebraic Thinking in Elementary School****3 Units****Description:** This course explores teaching and learning mathematics concepts and procedures throughout elementary school, such as subitizing, decomposing, basic fact fluency, place value, operations with multi-digit whole numbers, and algebraic thinking. Content reflects state and national standards.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 647. Teaching Data, Geometry and Measurement in Elementary School****3 Units****Prerequisite(s):** Successful completion of Elementary Mathematics Methods course.**Description:** This course explores effective teaching and learning of data, geometry and measurement concepts reflected in state and national standards. Emphasis is on a developmentally-appropriate, culturally-responsive approach to mathematics learning, teaching, and assessment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 648. Teaching Fractions in K-8****3 Units****Term Typically Offered:** Fall Only**Description:** This course enhances both mathematical understanding and teaching practices as they relate to fractions, decimals, and percent's. In addition to a strong focus on conceptual understanding and procedural fluency, the course focuses on developing positive mathematical identities.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 649. Using Literacies and Tools to Learn: Inquiry in the Classroom****3 Units****Description:** Examines the theoretical underpinnings and practical implementation of inquiry-based learning by creating an intensive inquiry experience/curriculum for students. By "living" the curriculum, students will come to understand how inquiry experiences are initiated and maintained, how to merge them with curriculum "have to's," and how to integrate real world resources in meaningful ways for learners.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 650. Perspectives in Social Justice: Policy and Practice****3 Units****Term Typically Offered:** Fall Even Years**Prerequisite(s):** EDAP 550 Foundations I: History and Philosophy of Social Justice Education and EDAP 600 Foundations II: Emerging Trends and Issues in Social Justice Education Students in this course will examine how various external entities impact both the policy and practice(s) that occur in today's schools.**Description:** By critically examining these pressures, students will explore why minoritized student experiences vary from their counterparts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 651. Expanding Classroom Walls: Forests, Parks, and Backyards****3 Units**

**Description:** Provides information and experience needed to effectively teach the life and earth science concepts and strategies found in a forest or park setting to classroom learning.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 652. Workshop in Science Education****1-6 Units**

**Description:** A workshop dealing with materials and techniques in teaching science; includes development and evaluation of innovative and practical service projects using teaching strategies.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 653. Instructional Procedures in Science: Zoos****3 Units**

**Description:** Provides background information and experience needed to effectively teach animal adaptation, animal endangerment, diversity of lifestyle and the application of these learnings to classroom instruction.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 657. Exploring Environmental Education in the Context of an Informal Learning Setting: Zoo****3 Units**

**Description:** In this course, we will explore the application of the basic content of life sciences topics such as taxonomy, animal behavior (adaptations), biodiversity and conservation issues to the K-12 classroom. Students will explore real life applications to life sciences that apply to environmental education with the aim to inspire conservation action.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 659. Teaching History with Museums****3 Units**

**Term Typically Offered:** Summer Only

**Prerequisite(s):** Admission to the Teacher Education Program.

**Description:** This course is for advanced education students and those in the public history program; it explores the educational role of history museums and implications for both teachers and museum educators.

**Note:** Cross-listed with EDTP 459.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 660. Social Studies in the Elementary School****3 Units**

**Prerequisite(s):** EDTP 322 or EDTP 606 or consent of instructor.

**Description:** An advanced course in teaching social studies; appraisal of materials and newly developed social studies program use of effective teaching techniques; analysis of relevant research studies.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 661. Special Topics in Assessment****3 Units**

**Description:** Examines alternative approaches to assessing instruction and learning in science classrooms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 662. Workshop in Social Studies Education****3 Units**

**Description:** Experience with content, techniques, and materials for teaching social studies in elementary and secondary schools. Offered each summer.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 663. Research in Life Sciences: Ethology for Middle Grades****3 Units**

**Description:** Provides an introduction to observational methods of studying animal behavior and the scientific methods.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 664. Environmental Education in Schools****3 Units**

**Description:** Provides background information and experience needed to teach environmental education concepts on school grounds in K-12 schools.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 665. Biomes and Habitats****3 Units**

**Description:** This class will support teachers in meaningful learning of science content by exploring environmental issues in specific biomes and habitats. There will be an emphasis on developing scientific dialogues concerning these issues using research and dialectical or analytical argumentation, as well as self-and peer-evaluation of the dialogues.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 666. Consumer Economics in the Classroom****3 Units**

**Description:** Includes consumer topics, behavior and problems. Teaching strategies and materials appropriate for teaching consumer education will be emphasized.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 667. The Media and Consumer Education****3 Units**

**Description:** Examines mass media with special attention to marketing and advertising principles and practices. Directly applies these principles and practices to the elementary and secondary curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 668. Workshop in Economic Education****3 Units**

**Description:** Basic economic content, techniques and materials for integrating economics into elementary and secondary subjects.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 669. Economic Education Curriculum and Teaching****3 Units**

**Description:** Examines economic content, materials and strategies.

Economic education teaching units are developed, taught and evaluated.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<b>EDAP 670. Networked Collaboration for Social Change</b>	<b>3 Units</b>	<b>EDAP 678. Language Knowledge and Acquisition</b>	<b>3 Units</b>
<b>Term Typically Offered:</b> Spring Odd Years		<b>Description:</b> Addresses teacher mastery of structure of the English language and alphabetic writing system, and knowledge of language acquisition to help diverse learners learn to read and write. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>Prerequisite(s):</b> EDAP 550 Foundations I: History and Philosophy of Social Justice Education, EDAP 600 Foundations II: Emerging Trends and Issues in Social Justice Education, and EDAP 650 Perspectives in Social Justice: Policy and Practice In this culminating course, educators embark on a journey to harness the power of networked collaboration, reflective instruction, and advocacy for all students in the realm of education.			
<b>Description:</b> Through a blend of interactive discussions, hands-on assignments, and critical analysis, students will develop a comprehensive toolkit to create meaningful change within their classrooms, schools, and broader educational contexts. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 679. Capstone Practicum in Literacy: Literacy Coach</b>	<b>3 Units</b>
		<b>Prerequisite(s):</b> EDAP 641.	
		<b>Description:</b> This course is a supervised practicum providing for analysis and refinement of the literacy coach role in the public school.	
		<b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.	
<b>EDAP 672. Special Topics in Curriculum</b>	<b>1-6 Units</b>	For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>Description:</b> Intensive study of a current problem in an area of curriculum development or curriculum construction.			
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 680. Capstone Course</b>	<b>3 Units</b>
<b>EDAP 673. Introduction to Environmental Education</b>	<b>3 Units</b>	<b>Prerequisite(s):</b> Completion of 70 percent of MEd courses.	
<b>Description:</b> Examines philosophical, historical, curricular and instructional issues pertaining to the environment and the concept of sustainable development and relates these to outcome-based education. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>Description:</b> An advanced course synthesizing student study in content areas along with social justice/equity, leadership, and research.	
		<b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.	
<b>EDAP 674. Math for Girls and Problem Solvers</b>	<b>3 Units</b>	For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>Description:</b> Examines issues related to gender and mathematics. Emphasis on strategies that benefit all students.			
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 681. Teacher Leadership in Practice</b>	<b>3 Units</b>
<b>EDAP 676. Technology Applications for Mathematics and Science Teachers</b>	<b>3 Units</b>	<b>Term Typically Offered:</b> Fall, Spring	
<b>Prerequisite(s):</b> Admission to 8-12 MEd or MAT program or consent of instructor.		<b>Description:</b> This course focuses on teacher knowledge, skills, and dispositions needed for teachers to be leaders in their content field and within their classrooms and schools. Course includes development of teacher leadership skills, as well as implementing action research in one's content area to positively impact student learning opportunities. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>Description:</b> Methods, techniques, and materials of instruction for meaningful and appropriate use of technology for the teaching of mathematics and science in the middle and high school. Equipment and computer software used in the course as well as student projects required will vary according to advances in the available technology and the interest of prospective students. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 682. Mathematics Coaching and Professional Learning, K-12</b>	<b>3 Units</b>
		<b>Term Typically Offered:</b> Summer Only	
<b>EDAP 677. Developing Collaborative Groups: Facilitating, Coaching and Mentoring</b>	<b>3 Units</b>	<b>Description:</b> This course focuses on knowledge and skills to being an effective mathematics coach, supporting high quality mathematics teaching and learning in K-12 settings. Additionally, this course explores research-based, effective forms of teacher professional learning related to teaching mathematics. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>Description:</b> This course a) addresses the knowledge, skills, and dispositions needed for teachers to enhance effective practice with peers in schools and b) develops evidence-based strategies to support reflective, self-directed teachers who positively impact student achievement. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 685. Special Topics in Gifted Education</b>	<b>3 Units</b>
		<b>Description:</b> Current topics in the education of the gifted. Course topics will vary as needed. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	

- EDAP 686. Learning Styles: Curriculum and Instruction** 3 Units  
**Description:** An examination of learning style theory and its personal and professional implications for K-12 school personnel, especially curricular and instructional applications.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 687. Literacy, Teaching and Technology** 3 Units  
**Description:** Engages students in critical reading, thinking, writing and discussion about central issues and theoretical perspectives in research on literacy and technology, especially the new literacies of emergent technologies.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 688. Designing a Technology Integrated Curriculum** 3 Units  
**Description:** Designed to provide experiences in technology integrated curriculum design to support meaningful and engaging learning experiences for all students.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 689. Using the Internet in P-12 Teaching** 3 Units  
**Description:** Develop knowledge and skills in using and creating online content for classroom instructional use.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 690. Teaching with Multimedia Tools** 3 Units  
**Description:** Develop knowledge and skills using and authoring multimedia for classroom instructional use.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 691. Teachers as Writers: Writing for Professional Publication** 3 Units  
**Description:** Workshop approach to developing articles for publication in educational journals, newsletters, and websites. Participants will analyze potential markets and submit final drafts for publication.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 692. Teachers as Writers: Writing for Children** 3 Units  
**Description:** Workshop approach to developing manuscripts in a variety of genres for young readers through adolescents. Participants will analyze potential markets and submit final drafts for publication, as well as develop teaching applications for strategies experienced during the course.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 693. Teaching Writing, P-12** 3 Units  
**Description:** Introductory course. Strategy lessons on personal, literacy, transactive (informational and persuasive), and reflective writing; writing to learn; writing to demonstrate learning (open response, and on demand writing).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 694. Special Topics in Literacy** 3 Units  
**Prerequisite(s):** Consent of instructor.  
**Description:** Current topics in reading education. Course topics will vary as needed.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 695. African-American English in Society and Schools** 3 Units  
**Term Typically Offered:** Fall Odd Years  
**Description:** This course deals with the distinctive varieties of English used by and among African Americans and their parallels elsewhere in African and the New World.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 696. Independent Study** 1-3 Units  
**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum. By arrangement with dean and advisor.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 698. Supervised Readings** 1-2 Units  
**Description:** By arrangement with dean and advisor.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 699. Thesis or Professional Paper** 2-5 Units  
**Prerequisite(s):** ELFH 600 or consent of faculty advisor.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 710. Advanced Literacy Research and Theory** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Consent of instructor.  
**Description:** An advanced course in literacy, providing an intense analysis of current research and theories in the strategies of teaching literacy at the elementary, middle and high school levels. Doctoral students should register for this section.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 711. Doctoral Professional Seminar: First Year** 3 Units  
**Prerequisite(s):** Must be first-year PhD student in Curriculum & Instruction Program.  
**Description:** An orientation to doctoral work in Curriculum & Instruction organized into 3 strands: professional strategies for success, skills critical to successful doctoral work, and cognitive orientations.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)



<b>EDAP 720. Implications of Research in Mathematics Education</b> 3 Units <b>Prerequisite(s):</b> Consent of instructor. <b>Description:</b> A survey of mathematics research regarding its implications for mathematics education and its implementations in educational systems. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 745. Teaching &amp; Teacher Education</b> 3 Units <b>Term Typically Offered:</b> Fall Odd Years <b>Description:</b> This course is designed to give an opportunity to read and analyze research in teaching, prospective teacher education, and teachers' professional learning. We will examine ways of studying these topics and analyze what has been learned from their study. The overarching goal of the course is to become knowledgeable about the theoretical and empirical research literature on teaching and teacher education. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>EDAP 725. Learning Theories and Frameworks</b> 3 Units <b>Term Typically Offered:</b> Summer Only <b>Description:</b> This course will review relevant learning theories/theorists (e.g., cognitive, constructivist, sociocultural, social cognitive, critical, situative perspectives). Students in the course will gain an understanding of these theoretical perspectives as they pertain to the field of education. They will craft and use research frameworks to inform research and ground empirical investigations. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 750. Advanced Readings in Languages, Literacies, Cultures, and Communities</b> 3 Units <b>Term Typically Offered:</b> Summer Odd Years <b>Description:</b> A readings seminar about literacy education with an emphasis on theory, philosophy, history, trends and issues that impact research, policy and practice related to language, literacy and culture. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>EDAP 730. Research in Infancy and Early Childhood</b> 3 Units <b>Prerequisite(s):</b> ELFH 600 and EDAP 696. <b>Description:</b> Development of research design in infant and early childhood education. Methods and techniques in the study of children. Each student designs and completes a research problem. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 755. Culture and Power in Education</b> 3 Units <b>Term Typically Offered:</b> Fall Even Years <b>Description:</b> Designed for Ph.D. and advanced Master's students in education, social and behavioral sciences, and the humanities to explore issues of culture and power in education and society, in general. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>EDAP 731. STEM Curriculum: Theory and Research</b> 3 Units <b>Term Typically Offered:</b> Fall Odd Years <b>Description:</b> This course is designed for students to develop understandings of school mathematics and science curriculum and the driving forces behind curriculum, with a particular emphasis on the U. S. and grades K-12. Students will examine many key issues faced by diverse stakeholders concerned with the school mathematics and science curriculum. To provide useful contrasts and to deepen understandings of contemporary mathematics and science curriculum issues, the course incorporates historical and international perspectives on school mathematics and science curriculum. Students will become acquainted with issues of the intended curriculum (e.g., the nature of curriculum guidelines or textbooks) as well as the enacted curriculum (e.g., teachers' enactments of curricular goals). For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 764. Structural Equation Modeling</b> 3 Units <b>Term Typically Offered:</b> Fall Only <b>Description:</b> This course focuses on basic concepts, applications, and interpretations of structural equation models. Students should have a thorough understanding of multiple regression analysis. Exposure to EFA and ANOVA is recommended. <b>Note:</b> Cross-listed with LEAD 764 and ECPY 764.  For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>EDAP 735. Preparing Future Faculty in Teacher Education</b> 3 Units <b>Term Typically Offered:</b> Spring Only <b>Description:</b> A teaching and learning apprenticeship in higher education. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 765. Hierarchical Linear Modeling</b> 3 Units <b>Term Typically Offered:</b> Occasionally Offered <b>Description:</b> This course focuses on the analysis and interpretation of organizational and longitudinal data using hierarchical linear modeling. Students taking this course should have a strong background in multiple regression. <b>Note:</b> Cross-listed with LEAD 765 and ECPY 765.  For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>EDAP 740. Seminar in Curriculum Theory and Design</b> 3 Units <b>Prerequisite(s):</b> EDAP 750. <b>Description:</b> An advanced study of theories of curriculum structure and content; recent research and implications for curriculum design. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>EDAP 770. Education Specialist Research Design</b> 3 Units <b>Description:</b> This is the first course of a two-course sequence within the Education Specialist degree in Curriculum and Instruction. The focus is on designing research related to one's selected specialization. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )

<b>EDAP 780. Seminar in Teaching and Learning</b> <b>3 Units</b> <b>Prerequisite(s):</b> Near the end of the doctoral program and by permission of instructor (for students in supervision subspecialty). <b>Description:</b> Provides an information base in the field of interest, opportunities to explore recent innovations in Supervision, and practice in evaluating selected supervision strategies. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>EDAP 796. Contemporary Issues in Literacy Research</b> <b>3 Units</b> <b>Term Typically Offered:</b> Occasionally Offered <b>Description:</b> A review of current research regarding children's and adolescents' language and literacy development with a focus on how teachers' knowledge about contemporary research issues can positively affect literacy instruction. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>EDAP 785. Research Perspectives in STEM Education</b> <b>3 Units</b> <b>Term Typically Offered:</b> Summer Only <b>Description:</b> Core aspects of analyzing and designing high-quality STEM education research will be explored and operationalized. Course topics will include a full spectrum of research perspectives and paradigms. Students will generate and present a research proposal as a foundational part of this course. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>EDAP 798. Research Apprenticeship in Curriculum and Instruction</b> <b>3 Units</b> <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Description:</b> A course that supports beginning researchers in curriculum and instruction to develop and deepen skills in research methods, including data collection, data analysis, and presentation of findings. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>EDAP 789. Advanced Research Design</b> <b>3 Units</b> <b>Term Typically Offered:</b> Summer Only <b>Description:</b> Examine and evaluate research methods and their applications to design an educational research study. <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>EDAP 799. Professional Paper</b> <b>1-5 Units</b> <b>Description:</b> For EdS candidates only. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>EDAP 790. Doctoral Dissertation Seminar</b> <b>3 Units</b> <b>Prerequisite(s):</b> Basic knowledge, understanding, and skill competency in research design, methodology, and analysis and most doctoral coursework completed. <b>Description:</b> Doctoral students will be provided an opportunity to critique and report on research from various fields, conceptualize and formulate ideas and topics, and develop a formal presentation and defense of a research proposal. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>EDAP 795. Doctoral Research</b> <b>1-15 Units</b> <b>Term Typically Offered:</b> Fall, Summer <b>Prerequisite(s):</b> Completion of coursework for PhD program or successful completion of comprehensive examinations. <b>Description:</b> Doctoral students must register for the course by using the departmental prefix, corresponding to their dissertation chair. <b>Note:</b> Cross-listed with EDSP 795, ECPY 795, and LEAD 795.  For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	