EDUCATION: TEACHER PREPARATION (EDTP)

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 (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm).

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 (http://louisville.edu/bursar/tuitionfee).

EDTP 501. General Methods 3 Units
Prerequisite(s): Admission to teacher education.
Description: Prepares pre-service teachers to: identify appropriate learning goals for students; design learning experiences that include a variety of developmentally appropriate instructional strategies; manage a range of students, materials, and classroom activities; and honor students' diversity with respect to learning style, motivation, race/ethnicity, gender, and language proficiency.

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

EDTP 502. Exploring Teaching in the Sociopolitical Contexts of P-12 Schools 3 Units
Prerequisite(s): Admission to teacher education.
Description: The sociopolitical contexts of P-12 teaching are ever shifting. Society's expectations for schools and the role that teachers are expected to assume must be understood in relation to the social, cultural, political, and historical contexts from which they arise. Teacher candidates must be made aware of the ways in which these multiple and overlapping contexts influence their future work as classroom teachers.

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)

EDTP 503. Developing Cross-Cultural Competence: Teaching Students from Diverse Backgrounds 3 Units
Prerequisite(s): Admission to teacher education.
Description: Extends the principles of curriculum, development, teaching and learning introduced in previous courses to working with students from diverse, ethnic, racial, linguistic, and socioeconomic backgrounds.

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

EDTP 504. Teaching with Technology 2 Units
Prerequisite(s): Admission to teacher education.
Description: Leading teachers to understand and apply current technologies in classroom instruction. The tools of technology are explored for their creative application in education of P-12 children across the curriculum.

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

EDTP 505. Challenging Advanced Learners 1 Unit
Prerequisite(s): EDTP 450 (or concurrent), EDTP 612 (or concurrent), EDTP 613 (or concurrent), EDTP 615 (or concurrent), EDTP 616 (or concurrent), EDTP 617 (or concurrent), EDTP 618 (or concurrent), EDTP 619 (or concurrent), or permission of instructor.
Description: Study of methods for identifying gifted/talented students and differentiating curriculum and instruction to meet their needs.

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

EDTP 522. Methods of Teaching Grammar, K-12 3 Units
Term Typically Offered: Occasionally Offered
Prerequisite(s): Admission to Teacher Education.
Description: Examination of K-12 Common Core State Standards for Language and best practices in grammar study. Development of research-based lessons and strategies for teaching grammar in the context of reading and writing instruction.

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

EDTP 527. Inquiry into Early Childhood Education and Child Development 3 Units
Prerequisite(s): Graduate Status.
Description: Examination of physical, cognitive, language, affective and social development of typically and atypically developing children from conception to age five, with implications for early childhood education.

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

EDTP 532. Interdisciplinary Early Childhood Education Curriculum 3 Units
Term Typically Offered: Fall Only
Prerequisite(s): Admission to the professional program; concurrent enrollment in EDTP 542.
Description: Research-based approaches to planning and implementing developmentally appropriate standards-based classroom activities, lessons, and materials that develop literacy, mathematics, science, and social studies learning in young children birth through age five. Also includes examination of contemporary early childhood curricula and approaches appropriate for children from diverse cultural backgrounds.

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

EDTP 535. Classroom Speech Correction 3 Units
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)


EDTP 536. Theories of Play
Prerequisite(s): Graduate status.
Description: Offers knowledge about how play contributes to young children's development and learning.
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)

EDTP 537. Infant/Toddler Development & Care
Prerequisite(s): Graduate status.
Description: Examines the development and educational needs of children from birth to age three.
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)

EDTP 540. Teaching Adolescent Readers
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 EDAP 540.

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

EDTP 541. Teaching Middle School
Description: An in-depth study of philosophy, organizational patterns, developmental issues, and curriculum 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)

EDTP 542. Interdisciplinary Early Childhood Education Curriculum Field Experience
Grading Basis: Pass/Fail
Term Typically Offered: Fall Only
Prerequisite(s): Admission to the professional program; concurrent enrollment in EDTP 532.
Description: Field experience in public and private preschool classrooms. To be taken in conjunction with EDTP 532.
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)

EDTP 580. Digital Citizenship: Technology and Teaching
Term Typically Offered: Occasionally Offered
Prerequisite(s): Admission to Teacher Education or consent of instructor.
Description: Teachers understand and apply the concept of digital citizenship as they explore the creative application of current tools of technology in the education of K-12 children.

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

EDTP 581. Technology Applications for Mathematics Teaching
Prerequisite(s): Admission to the Middle School or Secondary MAT program or consent of instructor.
Description: Methods, materials, and techniques to support the meaningful and appropriate use of technology in the teaching of middle and high school mathematics.

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

EDTP 582. Technology Applications for Science Teachers
Prerequisite(s): Admission to Middle School or Secondary MAT program or consent of instructor.
Description: Methods, materials, and techniques to support the meaningful and appropriate use of technology in the teaching of middle and high school science.

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

EDTP 600. Creativity and the Young Child
Term Typically Offered: Spring Only
Description: Theories of creativity development and research-based approaches to teaching creativity in young children across content areas.
Note: Cross-listed with EDTP 300.

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

EDTP 602. Exploring Teaching in the Sociopolitical Contexts of P-12 Schools
Prerequisite(s): Admission to teacher education.
Description: The sociocultural contexts of P-12 teaching are ever shifting. Society's expectations for schools and the roles that teachers are expected to assume must be understood in relation to the social, cultural, political, and historical contexts from which they arise. Teacher candidates must be made aware of the ways in which multiple and overlapping contexts influence their future work as classroom teachers.
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)
EDTP 603. P-5 Language Arts Methods  
**Prerequisite(s):** EDTP 602, ECPY 607, and EDTP 501.  
**Description:** Examines specific strategies and practices for teaching children with and without disabilities, giftedness, and other individual differences in grades P-5. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 604. P-5 Mathematics Methods  
**Prerequisite(s):** EDTP 602, ECPY 607 and EDTP 501.  
**Description:** Investigation of trends, learning theories, instructional activities, and manipulative materials applicable to mathematics education in the elementary school. The focus of this course is on means for improving the teaching of mathematics in the elementary school for all learners. Particular attention will be given to the implementation of the National Council of Teachers of Mathematics' Principles and Standards for School Mathematics. In addition, there will be an emphasis on developmental 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)

EDTP 605. Teaching Elementary School Science  
**Prerequisite(s):** EDTP 602, ECPY 607 and EDTP 501.  
**Description:** Examines the instructional methods and curricular materials appropriate for teaching the concepts and skills of science in grades P-5. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 606. P-5 Social Studies Methods  
**Prerequisite(s):** EDTP 602, ECPY 607 and EDTP 501.  
**Description:** Examines specific strategies and practices for teaching social studies to all children in grades P-5. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 607. Middle School Language Arts Methods  
**Prerequisite(s):** Must be admitted to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching middle school Language Arts effectively.  
**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)

EDTP 608. Middle School Math Methods  
**Prerequisite(s):** Must be admitted to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching middle school Mathematics effectively.  
**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)

EDTP 609. Middle School Science Methods  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Must be admitted to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching middle school science effectively.  
**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)

EDTP 610. Middle School Social Studies Methods  
**Prerequisite(s):** Must be admitted to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching middle school Social Studies effectively. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 611. Music Student Teaching: Elementary/Secondary II  
**Prerequisite(s):** EDTP 602, ECPY 607, and EDTP 501.  
**Description:** For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 612. Student Teaching: P-12  
**Prerequisite(s):** Must be admitted to the Teacher Education Program; Approval of Middle/Secondary Program.  
**Description:** Fifteen weeks of supervised observation, participation and teaching in P-12 schools.  
**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)

EDTP 613. Art Student Teaching in the Elementary/Secondary Schools II  
**Prerequisite(s):** Must be admitted to the Teacher Education Program.  
**Description:** Provides supervised observation, participation and teaching. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 614. Student Teaching: Interdisciplinary Early Childhood Education  
**Prerequisite(s):** Passing mid-program assessment of MAT IECE teacher certification program.  
**Description:** Supervised observation, participation, and teaching full-time in a pre-school setting for a minimum of seven weeks.  
**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)
EDTP 615. Student Teaching in the Elementary Grades (Primary)  3 Units
Term Typically Offered: Fall, Spring
Prerequisite(s): Passing mid-program assessment of teacher certification program.
Description: Supervised observation, participation, and co-teaching in elementary schools, with a placement in primary through grade 3. Regulation requires a minimum of 35 days.
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)

EDTP 616. Student Teaching in Elementary Grades (Intermediate)  3 Units
Prerequisite(s): Passing mid-program assessment of teacher certification program.
Description: Supervised observation, participation, and co-teaching in elementary schools, with a placement in grade 4 or grade 5. Regulation requires a minimum of 35 full days.
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)

EDTP 617. Student Teaching: Middle School  6 Units
Prerequisite(s): Admission to the Teacher Education Program; Approval of Middle/Secondary Program.
Description: Fifteen weeks of supervised observation, participation, and teaching in middle schools.
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)

EDTP 618. Student Teaching: Middle and High School  6 Units
Prerequisite(s): Admitted to the Teacher Education Program; approval of Middle/Secondary Program.
Description: Fifteen weeks of supervised observation, participation, and teaching in middle and high schools.
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)

EDTP 619. Student Teaching: High School  6 Units
Prerequisite(s): Admitted to the Teacher Education Program; approval of Middle/Secondary Program.
Description: Fifteen weeks of supervised observation, participation, and teaching in high schools.
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)

EDTP 620. Reading and Writing Across the Curriculum  3 Units
Description: Exploring the processes, products and values of literacy in various areas of the curriculum, this course explores and applies literature of all forms in service to the various disciplines and societal roles.

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

EDTP 621. Intensive Field Experience  1-6 Units
Grading Basis: Pass/Fail
Prerequisite(s): EDTP 603 (or concurrent), EDTP 604 (or concurrent), EDTP 605 (or concurrent), or EDTP 606 (or concurrent).
Description: Field experience observing, analyzing, participating, and teaching in schools. Students will connect coursework, theory, and practice.
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)

EDTP 622. High School English Methods  3 Units
Prerequisite(s): Must be admitted to the Teacher Education Program.
Description: Application of methods and materials to teach high school English effectively.
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)

EDTP 623. High School Mathematics Methods  3 Units
Prerequisite(s): Must be admitted to the Teacher Education Program.
Description: Application of methods and materials to teaching high school Mathematics effectively.
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)
EDTP 624. High School Science Methods 3 Units
Term Typically Offered: Spring Only
Prerequisite(s): Must be admitted to the Teacher Education Program.
Description: Application of methods and materials to teaching high school Science effectively.
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 625. High School Social Studies Methods 3 Units
Prerequisite(s): Must be admitted to the Teacher Education Program.
Description: Application of methods and materials to teaching high school Social Studies effectively.
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)

EDTP 626. Pre-Student Teaching: Orientation 3 Units
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 627. Practicum for Alternative Certification Program 1.5 Units
Term Typically Offered: Fall, Spring
Description: This course meets off campus and consists of mentoring and supervision by a University mentor. The program coordinator oversees the practicum.
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 628. Business/Marketing Methods, 5-12 3 Units
Prerequisite(s): Must be admitted to the Teacher Education Program.
Application of methods and materials to teaching middle & high school Business/Marketing effectively.
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)

EDTP 629. World Language Methods, P-12 3 Units
Prerequisite(s): Must be admitted to the Teacher Education Program.
Description: Application of methods and materials for teaching World Languages effectively.
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)

EDTP 630. Building Learning Communities 4 Units
Description: Philosophies and methods for creating and managing learning communities supportive of the intellectual, academic, social-emotional, and physical needs of diverse students in classroom and pre-school settings.
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 631. Integrated Teaching and Learning I 3 Units
Description: Provides an introduction to the social and cultural aspects of teaching, instructional planning, KERA and content expectations, classroom management, adolescent development, culture, learning theories, policies, resources, ethics, legal expectations, and special education.
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 632. Integrated Teaching and Learning II 3 Units
Prerequisite(s): EDTP 631.
Description: Continuation of general methods, classroom management, applied historical and social foundations; exploration of developmental theory and implications for learning and teaching, grouping, cooperative learning, technology, multiple intelligences, differentiated instruction, reflective problem solving, high incidence disabilities, and leadership.
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 633. Integrated Teaching and Learning III 3 Units
Prerequisite(s): EDTP 632.
Description: Explores personal philosophy of teaching and learning, key issues in education, issues of race, ethnicity, and gender in school and society, community and parental role, ethnographic observation, low incidence disabilities, technology applications and professional development.
For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 635. Administration and Consultations: Day Care and Early Childhood Education 3 Units
Description: This course will explore the responsibilities of the day care or early childhood program director and the early childhood consultant.
Note: Cross-listed with EDTP 435.
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)
EDTP 637. Mathematics and Science Methods, Integrated Early Childhood Education  
**4 Units**  
**Prerequisite(s):** Graduate status; EDTP 527; Admission to IECE MAT Program.  
**Description:** Research-based approaches to planning and implementing developmentally appropriate standards-based classroom activities, lessons, and materials that develop mathematics and science understandings in young children birth through age five. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 638. Literacy and Social Studies Methods in Interdisciplinary Childhood Education  
**3 Units**  
**Description:** Research-based approaches to planning and implementing developmentally appropriate standards-based classroom activities, lessons, and materials that develop literacy and social studies understandings in young children birth through age five. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 639. Interdisciplinary Seminar in Early Childhood  
**3 Units**  
**Description:** An interdisciplinary seminar focusing on a variety of topics and issues relevant to early childhood. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 641. Interdisciplinary Content Methods in Early Childhood Education  
**3 Units**  
**Description:** Research-based approaches to planning and implementing developmentally appropriate standard-based classroom activities, lessons, and materials that develop literacy, mathematics, science and social studies understandings in young children birth through age five. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 647. Teaching Mathematics to Students with Disabilities  
**3 Units**  
**Prerequisite(s):** Admission to a Special Education Teacher Certification program.  
**Description:** Successful performance on the Mathematics Qualifying Assessment Test or C+ or higher on either MATH 151 or MATH 152.  
**Note:** Cross-listed with EDSP 647.

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

EDTP 677. Capstone Seminar: Initial Certification  
**3 Units**  
**Prerequisite(s):** EDTP 607, EDTP 608, EDTP 609, EDTP 610, EDTP 622, EDTP 623, EDTP 624, EDTP 625, EDTP 628, or EDTP 629; EDTP 617 (or concurrent), EDTP 618 (or concurrent), or EDTP 619 (or concurrent).  
**Description:** Analysis, synthesis, and evaluation skills applied to the student teaching experience; collaborative problem solving; action research in classrooms.  
**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)

EDTP 678. Supporting the Second Year Alternative Certification Teacher I  
**3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Successful completion of year one of the Alternative Certification Program.  
**Description:** This seminar provides second-year alternative certification teacher candidates extended knowledge of current practice in selected areas, such as the Learner and Learning, Instructional Practices, Content and Professional Responsibility. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

EDTP 679. Supporting the Second Year Alternative Certification Teacher II  
**3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** EDTP 678.  
**Description:** This seminar provides second-year alternative certification teacher candidates extended knowledge of current practice in selected areas, such as the Learner and Learning, Instructional Practices, Content and Professional Responsibility. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)