ELEMENTARY EDUCATION - EDE

EDE 100 Human Growth and Development - Birth through Childhood 3 Credits
Introduces multiple dimensions of development including influence of family, culture and society. Examines physical, cognitive, emotional and behavioral theories and emphasizes education's role in promoting wellness.
Fulfills College Core: Field 5 (Social Sciences)

EDE 121 Introduction to Literacy, Children's Literature and the Arts 3 Credits
Focuses on the uses of children's books across all curriculum areas. Multicultural literature, authors, illustrators, genres and age-appropriateness are explored. Discusses basic approaches to literacy and the use of children's books in developing literacy. Emphasizes integrating the arts into the total curriculum.
Offered: spring only.

EDE 311 Teaching Science in Elementary Schools 3 Credits
Addresses objectives, curriculum, strategies, materials and evaluation necessary for teaching science. Emphasizes content, inquiry skills, problem solving and scientific attitude highlighting the NY State Standards. Includes 20 hours of field experience in Grades 1-6.
Offered: spring only.

EDE 317 Teaching Math in Elementary Schools 3 Credits
Addresses objectives, curriculum, strategies, materials and evaluation necessary for teaching mathematical concepts. Emphasizes content, inquiry skills and problem solving highlighting the New York State Standards.
Offered: fall.

EDE 331 Teaching Social Studies in Elementary Schools 3 Credits
Addresses the objectives, curriculum, strategies, materials and evaluation necessary for teaching social studies content. Emphasizes historic, geographic, economic, political and social concepts highlighting the New York State Standards.
Offered: spring only.

EDE 390 Cognition, Learning and Assessment - Birth through Childhood 3 Credits
Investigates theories of learning and current brain research. Integrates emotion and motivation and the neurological basis for learning. Analyzes formal and informal procedures for reporting student progress.
Offered: fall.

EDE 432 Seminar in Teaching and Assessment 3 Credits
Includes practica and seminars that focus on professional reflection and topics related to classroom management, increasing family involvement, teaching to higher standards and assessment at the childhood level. Requires 50 hours of field placement. Addresses objectives, curriculum, strategies, materials and evaluation necessary for teaching science. Emphasizes content, inquiry skills, problem solving and scientific attitude highlighting the NY State Standards. Includes 20 hours of field experience in Grades 1-6.
Fulfills College Core: Oral Communication

EDE 493 Student Teaching- Childhood 12 Credits
Highlights knowledge, skills, and dispositions of professional educators. Two full-time 7-week placements in childhood classrooms require candidates to become the instructional leader under the supervision of cooperating teachers and college faculty.
Prerequisite: signature of chair. Corequisite: EDU 494, EDU 497, & EDU 498. Restriction: must have 2.7 GPA or higher.

EDE 494 Capstone Seminar for Teacher Candidates 3 Credits
Complements student teaching for education majors. Includes activities that demonstrate how well teacher candidates can integrate theoretical principles and core attributes into the practical work of student teaching. Teacher candidates will complete readings, engage in classroom discussions and construct artifacts related to issues of diversity, ethics, global awareness and social justice. Each artifact will be presented and discussed in class and evaluated for content, effectiveness and illustration of specific core attributes.
Prerequisite: signature of chair. Corequisite: concurrent registration in student teaching.
Fulfills College Core: Core Capstone

EDE 499 Independent Study 1-3 Credits
Independent studies require an application and approval by the associate dean.
Prerequisite: permission of the instructor, department chair, & associate dean.