EDUCATION (ED)

ED 1050 Core Skills for Educators (1 Credit)
Designed to review and strengthen students’ core knowledge in reading, math, and writing and better prepare them for their methods courses and professional examinations in their field. Open to any student in a teacher certification major. May be repeated once. Not open to students who have met Praxis Core requirement. Offered Springs, second half of semester for 2 hours a week. Prerequisite(s): enrollment in any Teacher Certification program.

ED 2350 Child and Youth Health and Development in Context (3 Credits)
Explores physical, cognitive, emotional, and social development from birth through young adulthood with emphasis on the impact of health and wellness. Students study the sciences that underpin our understanding of child and youth success and the ways in which scientific findings are applied in family, school, and community contexts. Practical application to formal and informal educational settings is central. Not open to students who have earned credit for CD 2300, CD 2310, or the equivalents. Falls and Springs. (WECO)

ED 2500 Learning and Development (3 Credits)
Course explores learning and various factors that influence learning. Students learn about sciences that contribute to our understanding of learning and the ways in which scientific findings are applied and misapplied today. Students learn methods of observation and their practical application in classroom settings. Collaborative team research emphasizing critical thinking and application of developmental science is a key component. Falls and Springs. (WRCO)
Prerequisite(s): ED 2350.

ED 2550 Mentoring & Empowering Youth (2 Credits)
This seminar is designed to help students develop skills and knowledge to successfully engage in mentoring youth through a meaningful service learning experience. The seminar meets twice a month. Each meeting is a time for discussion, reflection, and practicing new skills. Mentoring takes place for at least one hour per week outside of class time. May be repeated for a maximum of 8 credits. Falls and Springs.

ED 3050 Foundations of Teaching and Learning (3 Credits)
An introduction to the teaching profession. Topics include: lesson design using the Universal Design for Learning (UDL), executive functioning skills, multi-age learning environments, inquiry based learning, competency-based instruction and assessment, personalized feedback, blended learning, co-teaching, and state and national standards. Candidates become familiar with the roles and responsibilities of public school teachers as well as the environment of public schools. Candidates participate in a field-based experience in an assigned public school. Falls and Springs. Prerequisite(s): admission to Cohort I; Elementary Education major or full acceptance to the Teacher Certification Option. Corequisite(s): ED 3051, ED 3052, ED 3055, and RL 3050.

ED 3051 Designing Positive Learning Communities (3 Credits)
Designed to assist prospective educators in promoting prosocial behaviors in the school. Emphasis is placed upon strategies to promote cooperation and address conflict. Strategies for dealing with more severe behavior conflicts are also presented. Candidates participate in a practicum in an assigned public school. Falls and Springs. Prerequisite(s): CD 1000; Elementary Education major or full acceptance to the Teacher Certification Option. Corequisite(s): ED 3050, ED 3052, ED 3055, and RL 3050.

ED 3052 Assessing Children in Schools (3 Credits)
Studies the methods and techniques of educational measurement as well as evaluation, construction and consideration of teacher-made assessments. Selective uses and interpretation of standardized tests. Modification of teaching plans and instructional approaches. Review of teaching strategies in relation to student assessment results. Falls and Springs. Prerequisite(s): CD 2002 or CD 2310 or ED 2500. Corequisite(s): ED 3050, ED 3051, ED 3055, and RL 3050.

ED 3055 Foundations of Teaching Practicum (1 Credit)
Concurrent with Cohort I, students complete a field-based experience in a K-8 placement. Students are supervised by on-site mentors as well as Cohort I faculty. Students gain meaningful experience and relate course content to best practices in educational settings. Pass/No Pass. Falls and Springs. Prerequisite(s): admission to Cohort I. Corequisite(s)

ED 3060 Social Studies Curriculum and Instruction (3 Credits)
Focuses on social studies curriculum and instruction with the goal of promoting critical thinking skills and a constructivist approach to teaching and learning. Social studies education incorporates 5 standard-based strands including knowledge of civics, geography, NH/US history, economics, and world history and contemporary issues. Candidates research instructional strategies and processes that incorporate a variety of resources, materials, and technologies. Not open to students who have earned credit for ED 3070. Falls and Springs. Prerequisite(s): completion of Cluster I or Cohort Courses I; Elementary Education major or full acceptance to the Teacher Certification Option. Corequisite(s): ED 3080, ED 3090, MA 3070, RL 3070, and SE 3070.

ED 3075 Knowing & Teaching Math (3 Credits)
Discover the mathematical concepts and pedagogical skills needed to become a successful teacher of mathematics in grades K-6. Students are actively involved in exploring how children learn mathematics and how they can guide them in their learning of mathematics. Discusses content, methods, curriculum, assessment, national and state standards and grade level expectations, and appropriate technology used in the classroom. Not open to students who earned credit for MA 3070. Falls and Springs. Prerequisite(s): MA 2110, MA 2120 or MA 3010; completion of Cluster I or Cohort Courses I; full acceptance to BS Elementary Education. Corequisite(s): ED 3060, ED 3080, ED 3090, RL 3070, and SE 3070.

ED 3080 Teaching in the Content Areas Practicum (1 Credit)
Concurrent with Cohort II courses, students complete a field-based experience in a K-8 placement. On-site mentors and Cohort II faculty supervise students. Students gain experience and relate course content to best practices in educational settings. Pass/No Pass. Falls and Springs. Prerequisite(s): completion of all program requirements for certification by the start of the Cohort II semester. Corequisite(s): ED 3060, ED 3090, MA 3070, RL 3070, and SE 3070.
ED 3090 Science Curriculum and Instruction (3 Credits)
Focuses on science curriculum and instruction with the goal of promoting critical thinking skills and a constructivist approach to teaching and learning. Emphasizes inquiry-based science methods and science experiences. Science education incorporates 4 standards-based strands including knowledge and proficiency in earth/space science, physical science, life science, and science process skills. Candidates research instructional strategies and processes that incorporate a variety of resources, materials, and technologies. Not open to students who have earned credit for ED 3070. Falls and Springs.
Prerequisite(s): completion of Cluster I or Cohort Courses I; Elementary Education major or full acceptance to the Teacher Certification Option. Corequisite(s): ED 3060, ED 3080, MA 3070, RL 3070, and SE 3070.

ED 3350 Classroom Planning, Management, and Organization for Middle School and Secondary Educators (3 Credits)
Focuses on ways to plan proactively in the secondary classroom setting. Topics include implementing appropriate classroom procedures, managing professional responsibilities and student academic work, using effective communication skills, organizing cooperative groups, and intervening to address problem behaviors. Candidates have the opportunity to demonstrate their ability to construct a unit plan related to their area of study; to assess student learning effectively, and to demonstrate their understanding of the role that technology plays in their classroom. To be taken by secondary education majors in the semester before they student teach. Falls and Springs. (TECO)
Prerequisite(s): middle school and secondary education majors.

ED 4230 Education Practicum: (Topic) (1-12 Credits)
A supervised practicum experience in 1 of several cooperating institutions or agencies in New Hampshire. The purpose is to gain meaningful work experience through applying knowledge learned in previous course work to the on-the-job situation. Commitment includes a negotiated number of hours per week and participation in seminars. Supervision is done by the institution or agency concerned and by the University faculty. Students anticipating more than 3 hours of credit should confer early in the program with the Department Chair to free up sufficient blocks of time in their program. Offered on demand.
Prerequisite(s): permission of the advisor and the Department Chair.

ED 4300 Elementary Internship in Teaching (12 Credits)
Designed for Childhood Studies/Teacher Certification and Elementary Education majors seeking teacher certification. It is a continuous, full-time (5 days per week) experience of 12 credits during which candidates gradually assume responsibility for a full range of teaching activities encountered in a school situation. This provides an opportunity for demonstrating the appropriate professional skills, attitudes, and dispositions essential for successful teaching. The Internship in Teaching is conducted under the supervisory guidance of a Mentor Teacher and a school-based evaluator. Falls and Springs.
Prerequisite(s): minimum GPA of 3.00.
Corequisite(s): ED 4500.

ED 4400 Elementary Internship in Teaching (12 Credits)
Designed as the culminating field-based experience for Elementary Education majors leading to teacher certification. It is a continuous, full-time (5 days per week) experience during which candidates gradually assume responsibility for a full range of teaching activities within a co-teaching model. This provides an opportunity for demonstrating the appropriate professional skills, attitudes, and dispositions essential for successful teaching. The Internship in Teaching is conducted under the supervisory guidance of a Mentor Teacher and a school-based evaluator. Falls and Springs.
Prerequisite(s): minimum GPA of 3.00.
Corequisite(s): ED 4500.

ED 4420 Secondary Internship in Teaching (8-15 Credits)
The culminating field-based experience for all programs leading to teacher certification. It is a continuous, full-time (5 days per week) experience of 8-15 credits during which, after a period of structured observation, students gradually assume responsibility for a full range of teaching activities encountered in a school situation, thereby demonstrating the appropriate professional skills and attitudes essential for successful teaching. The Internship in Teaching is conducted under the supervisory guidance of a Mentor Teacher and a University Supervisor. Required seminars complement the experience. Falls and Springs.
Prerequisite(s): minimum 2.50 cumulative GPA; minimum 2.70 cumulative GPA for English/Teacher Certification students; completion of all other program requirements for certification by the beginning of the Internships semester; permission of the Coordinator of Internships.

ED 4500 Elementary Education Teaching Seminar (1 Credit)
Taken concurrently with Elementary Internship in Teaching (ED 4300 or ED 4400) as a capstone experience in the Elementary Education major. Students participate in seminars and self-directed performance tasks. Falls and Springs.
Corequisite(s): ED 4300 or ED 4400.

ED 4910 Independent Study (1-4 Credits)
Enrichment of the background of students in education through the pursuit of a special topic pertinent to their interests and abilities. Chance for an in-depth study of a problem in the field of education. Consent required of instructor who will supervise the independent study and the Department Chair.