**ES 149 Introduction to Education (1 cr)**
Provides experiences on which to base decisions about teaching as a career. Investigates purposes and goals of university education in preparation for a teaching career and presents strategy for having success in the university.

Lecture/Discussion Hours: 1  
Lab/Studio Hours: 0

**ES 203 Exploring Schooling in Grades 1-8 (2 crs)**
Prerequisite: Limited to teaching majors. Minimum 14 credits. Completion of University Writing Requirement. Minimum GPA of 2.50. Examination of elementary and middle schooling, instructional planning, and effective teaching practices. The course combines field experiences with reading and discussion to provide an introduction to the roles and responsibilities of a professional educator at the elementary and middle school level.

Attributes: Special Course Fee Required  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 2  
Lab/Studio Hours: 8

**ES 212 Initial Teaching Experience in Elementary, Middle, and High School Settings (2 crs)**
Prerequisite: Minimum of 14 credits. Completion of University Writing Requirement. Minimum resident and total GPA of 2.50. This initial field experience provides opportunities to study and teach students in grades 1-12. School level placements made in accordance to certification requirements for ECA or EAA licensure. Student completes approximately 50 hours of observation/teaching.

Attributes: Special Course Fee Required  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 2  
Lab/Studio Hours: 4

**ES 284 Working with ELLs in an Academic or Professional Setting (2 crs)**
Provides basic understanding of ideological, social, political, education, and cultural issues related to non-native English speakers. Cross-disciplinary perspectives of individuals who are linguistically diverse.

Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 2  
Lab/Studio Hours: 0

**ES 285 Computers in Education: Introduction (1 cr)**
Prerequisite: ES 203, or ES 210/ES 211, or ES 212, or SPED 205 or concurrent enrollment; or consent of instructor.  
An introduction to computer applications useful for teachers including graphics, desktop publishing, spreadsheets, and Web page editing. Hands-on work is stressed.

Lecture/Discussion Hours: 1  
Lab/Studio Hours: 1

**ES 286 Technology & Special Education (1 cr)**
Prerequisite: SPED 205 or concurrent enrollment or consent of instructor. Limited to SPED Early Childhood or SPED Specific Learning Disabilities and Intellectual Disabilities majors. An introduction to applications and technologies useful for special education educators including desktop publishing, visual literacy and assistive technologies. Hands-on work is stressed. All of the projects are suitable for inclusion in a portfolio.

Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 1  
Lab/Studio Hours: 1

**ES 295 Contemporary Critical Issues in Education (1-3 crs)**
Consent: Department Consent Required  
Problems of education relating to funding, teacher quality, and the status of the teaching profession, student academic performance, racial imbalances, and unequal educational opportunity. This course is designed to discuss these concerns and viable solutions.

**ES 301 General Education Literacy Instruction PK-8 (3 crs)**
Prerequisite: Limited to Special Education majors admitted to College of Education and Human Sciences. SPED 301 must be taken concurrently with ES 301 and provides field experience in general education classrooms. This course examines theories and strategies prevalent in general education practices designed to support children in all aspects of literacy development.

Attributes: Undergraduate/Graduate Offering  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

**ES 304 Teaching and Learning Practices (2 crs)**
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306, ES 307, ES 308, ES 309 and ES 335. Introduction and development of the knowledge, skills, and dispositions necessary to create, organize, and maintain an enriched and positive 1-8 classroom environment. Topics include planning for instruction and assessment, developing positive relationships, and classroom management.

Lecture/Discussion Hours: 2  
Lab/Studio Hours: 0

**ES 305 Reading Curriculum and Instruction in Grades 1-8 (3 crs)**
Prerequisite: ES 203 or concurrent enrollment in SPED 301. Limited to teaching majors admitted to College of Education and Human Sciences. Study of the teaching methods, instructional materials, and evaluation techniques employed in elementary/middle level reading. Includes a directed practicum.

Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0
ES 306 Mathematics Curriculum and Instruction in Grades 1-8 (3 crs)
Prerequisite: MATH 201, 202, 303, 304
Consent: Department Consent Required
Study of teaching methods, instructional materials, evaluation techniques, and
trends in mathematics. Includes a directed practicum.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 307 Language Arts Curriculum and Instruction in Grades 1-8 (3 crs)
Prerequisite: ES 203. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.
Teaching language arts in the elementary and middle school; writing, listening,
and speaking skills are included. Methods, materials, and trends in language arts. Includes a directed practicum.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 308 Science Curriculum and Instruction in Grades 1-8 (3 crs)
Prerequisite: ES 203; BIOL 100; PHYS 100; GEOL 106. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.
Study of the teaching methods, instructional materials, evaluation techniques,
and trends in science. An environmental education component is included as well as a directed practicum.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 309 Social Studies Curriculum and Instruction in Grades 1-8 (3 crs)
Prerequisite: ES 203. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.
Study of teaching methods, instructional materials, and techniques in
elementary and middle level social studies. Explores trends in social studies and looks at education for employment. Includes a directed practicum.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 312 General Methods of Teaching (2 crs)
Prerequisite: Concurrent enrollment in ES 317, ES 318, ES 328, and a prescribed special methods course. Limited to teaching majors admitted to College of Education and Human Sciences.
Consent: Department Consent Required
Introduces models of teaching; lesson and unit planning; direct and indirect
methods of instruction; audiovisual, computer, and other educational technologies; managing classrooms; and evaluating and grading student learning.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 316 Teaching Multicultural Literature in Grades K-12 (3 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll. Completion of University Writing Requirement.
This course examines what it means to have a multicultural perspective on the use of children’s literature in the classroom and to use those understandings to design rigorous writing curricula for all grade levels.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 317 Middle Level Methods and Curriculum (2 crs)
Prerequisite: Concurrent enrollment in ES 312, ES 318 or MUED 318, ES 328, and a prescribed methods course. Limited to teaching majors admitted to College of Education and Human Sciences.
• Music education students should enroll in MUED 318; every other major education students should enroll in ES 318.
Examination of teaching methods appropriate for middle level students and
an analysis of philosophies and organizational schemes of the middle level curriculum.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 318 Teacher Assisting (1 cr)
Prerequisite: Concurrent enrollment in ES 312, ES 317, ES 328, and a prescribed special methods course. Limited to teaching majors admitted to College of Education and Human Sciences.
Consent: Department Consent Required
Field experience in which student will experience certain aspects of teaching under the discretion of a cooperating teacher.
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

ES 321 Contemporary Issues in Education (3 crs)
Students will view issues from a systems-lens to determine if issues are situational or systemic. Students will engage in discourse, debate, reflection, and research as they investigate contemporary issues in P-12 education.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 328 Content Area Reading and Study Strategies (2 crs)
Prerequisite: PSYC 261, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.
Provides rationale and methods for determining the abilities of middle level and secondary students to read text in content areas and provides strategies for teaching effectively from text in a content area classroom.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
ES 333 Literacy Learning in Culturally and Linguistically Diverse Classrooms (1 cr)
Prerequisite: ES 210/ES 211 or ES 212 or permission of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. No credit if taken after ES 753.
Designed for K-12 teachers, this course discusses literacy learning for diverse learners as well as a repertoire of literacy strategies to accomplish academic success.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 335 Reading Assessment, Diagnosis and Remediation (2 crs)
Prerequisite: ES 305 or consent of instructor.
Examines reading process, models of diagnosis, formal and informal assessment instruments, instructional planning, intervention and issues of literacy assessment. Practicum experience with students is required.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Field Practicum Hours: 1

ES 338 Reading, Language, and Thinking (3 crs)
Prerequisite: ES 328, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.
Study of teaching the interrelationships of critical thinking, reading, writing, speaking, and listening across content areas; practice in research-based procedures to use language to promote learning. Study of the interdisciplinary team approach and group process.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 350 Art in Grades 1-8 (3 crs)
Prerequisite: Limited to art teaching majors admitted to College of Education and Human Sciences.
Prepares art education students for planning and teaching art in grades 1-8. Students will have a comprehensive understanding of elementary and middle school art curriculum.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 6

ES 354 Teaching Middle Level and Secondary Art (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.
Prepares students for planning and teaching art at the middle and secondary levels. Students will develop middle school and high school curriculum units. Required of Art-Middle Level and Secondary Teaching and Art-Comprehensive Teaching majors.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 356 Teaching Social Studies in Grades 5-12 (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.
Study of the curriculum, resources, teaching skills, and evaluation procedures for middle level and high school Social Studies. Required of the following teaching majors and/or minors: Latin American Studies, Social Studies, Economics, Geography, History, Political Science, Sociology.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 357 Teaching Mathematics in Grades 5-12 (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.
Students construct an instructional framework based on research, theory, current practice, technology, and practical experience. Required of teaching majors and minors in mathematics.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 359 Teaching Physical Science (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318, and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.
This course focuses on methods of science instruction that help students learn to teach science. Several teaching models will be examined to organize instruction. Required of teaching majors and minors in chemistry and physics.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 361 Teaching Theatre Arts (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318, and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences. Minimum resident and total GPA of 2.75.
• Credit may be earned in only one of the following: ES 361, THEA 361, ES 360, THEA 360.
A study and analysis of current materials including textbooks, assessment tools, and teaching materials. Preparation for play production, classroom units, and advocacy tools.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
ES 366 Teaching Foreign Languages Grades 5-12 (2-3 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Passing the ACTFL OPI or OPIc and WPT or consent of instructor.
• Students majoring/minoring in more than one language or students who are MCEA regular education majors with a foreign language second major should enroll in this course for three credits.
Theories of language acquisition and learning, methodological trends, review of current research, guidelines for teaching the skills and culture.
Lecture/Discussion Hours: 2-3
Lab/Studio Hours: 0

ES 367 Teaching Biology (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.
Required of biology teaching majors and minors.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

ES 380 Educational Media (2 crs)
Prerequisite: ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and library science minors.
Principles of selection and classroom utilization of educational media, basic media production skills, and operation of electronic and projection equipment.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

ES 381 Technology for Educators (2 crs)
Prerequisite: Limited to teaching majors admitted to the College of Education and Human Sciences.
An exploration of current and emerging technologies pertinent to the K-12 classroom and education as a profession.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 384 Content Area ESL Instruction (2 crs)
Prerequisite: ES 203 or ES 212 or SPED 205 or consent of instructor. Limited to non-TESOL minors.
• Non-TESOL minors only; open to in-service teachers.
Focuses on various instructional strategies to make content knowledge comprehensive for English Learners (ELs). Emphases given to instructional and assessment strategies, various ESL and bilingual education models, and language acquisition theories.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 385 Social Foundations: Human Relations (3 crs)
• Students are expected to accrue 15 of the 30 hours of volunteer/field work prior to the semester they are enrolled in ES 385/ES 585.
Students will examine cultural contributions of racial, ethnic, cultural, gender, and economic groups. They will also examine forces of discrimination and racism on individuals, society, and education and analyze practices that promote dignity, social justice, and equality.
Attributes: Cultural Diversity 3 cr., GE V University Wide, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

ES 405 Teaching English to Speakers of Other Languages (3 crs)
Prerequisite: FLG 378 or concurrent enrollment, and one year college level foreign language study or equivalent, or consent of instructor.
Designed to help school teachers and others recognize the language difficulties of non-native speakers and teach effectively the sounds, basic structures, and vocabulary of English. Stresses development and use of practical techniques and materials based on second-language acquisition principles.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 408 Methods of Teaching Content-Based ESL (4 crs)
Prerequisite: ES 405 or concurrent enrollment. Limited to TESOL minors.
ESL, bilingual education, and content area teachers learn to modify course materials, instructional strategies and assessments so that English language learning students can engage in course content while simultaneously developing their new language. Student completes approximately 40 hours of field experience.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

ES 410 Current Trends and Practices in Teaching Reading (1 cr)
Prerequisite: ES 305 or equivalent. Limited to teaching non-degree students. Current issues and innovations in teaching reading. May be taken during three different summer sessions for a total of three credits applied toward certification and/or degree.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 3 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Attributes</th>
<th>Lecture/Discussion Hours</th>
<th>Lab/Studio Hours</th>
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</thead>
<tbody>
<tr>
<td>ES 411</td>
<td>Methods of Bilingual/Bicultural Content-Based Instruction and Curriculum Design (3 crs)</td>
<td>Prerequisite: ES 405. Limited to TESOL minors. Students will learn about bilingual language acquisition, appropriate instruction of bilingual children through grade-level subject matter, various program models, and methods of assessing bilingual students. Students will develop curricula to teach bilingually in content areas.</td>
<td>Cultural Diversity 2 cr., Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section Lecture/Discussion Hours: 3</td>
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<tr>
<td>ES 413</td>
<td>Computers in Education: Multimedia Presentations (1 cr)</td>
<td>Prerequisite: ES 285. Consent: Instructor Consent Required. Develops skills in the design and production of computer based multimedia presentations that include animation, sound, hypermedia links, and digital images. Students produce and demonstrate the proper utilization of a multimedia material.</td>
<td>Undergraduate/Graduate Offering Lecture/Discussion Hours: 1</td>
<td>1</td>
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<tr>
<td>ES 415</td>
<td>Assessment and Evaluation in Grades 1-12 (2 crs)</td>
<td>Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Includes observational techniques, teacher-made devices, familiarity with standardized instruments and relative statistical concepts, alternative and performance-based assessments, and current national and state evaluation trends.</td>
<td>Undergraduate/Graduate Offering Lecture/Discussion Hours: 2</td>
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<td>ES 435</td>
<td>Classroom Management in Grades 1-12 (3 crs)</td>
<td>Prerequisite: ES 304. Limited to teaching majors admitted to College of Education and Human Sciences. Introduction to the knowledge, skills, and dispositions necessary to create, organize, and maintain an enriched and positive 1-12 classroom environment and set high standards for all students through curriculum and instructional design.</td>
<td>Lecture/Discussion Hours: 3</td>
<td>3</td>
<td>0</td>
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<td>ES 436</td>
<td>Education of Girls and Women in the United States (2 crs)</td>
<td>Prerequisite: Minimum junior standing. Credit may not be earned in both ES 436 and WMNS 436. No credit if taken after special topics or directed study with the same title. This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime. Attributes: Cultural Diversity 1 cr., GE V University Wide, Undergraduate/Graduate Offering Lecture/Discussion Hours: 2</td>
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<td>ES 437</td>
<td>Teaching Foreign Languages in Grades 1-8 (2 crs)</td>
<td>Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Passing the ACTFL OPI or OPIc and WPT or consent of instructor. Admission to professional semester. Principles and practices in teaching foreign languages in grades 1-8. Preparation for teaching in bilingual education programs. Lecture/Discussion Hours: 2</td>
<td>Undergraduate/Graduate Offering Lecture/Discussion Hours: 2</td>
<td>2</td>
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<tr>
<td>ES 440</td>
<td>Internship Teaching in Elementary Education (6-12 crs)</td>
<td>Consent: Department Consent Required. Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only. The intern is a paid contractual member of public school staff, spending the entire semester in the school system in an elementary setting. The public school calendar is followed.</td>
<td>Internship, Special Course Fee Required Grading Basis: S/U Only Grade Basis</td>
<td>6</td>
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<tr>
<td>ES 441</td>
<td>Student Teaching in Elementary Education (6 crs)</td>
<td>Consent: Department Consent Required. Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only. The student teaches full time for one quarter in the elementary grades. The calendar of the school to which the student is assigned is followed for beginning, ending, and vacation dates. Repeat: Course may be repeated for a maximum of 12 credits</td>
<td>Grading Basis: S/U Only Grade Basis</td>
<td>6</td>
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**ES 445 Student Teaching in Middle Level Education (6 crs)**
- Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

Students teach full time for one quarter in a middle level school. Students typically teach in their approved major/minor area. The calendar of the school to which students are assigned is followed for beginning, ending, and vacation dates.

Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: S/U Only Grade Basis

**ES 446 Internship Teaching in Middle Level Education (6-12 crs)**
- Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The intern is a paid contractual member of the public school staff, spending the entire semester in the school system in a middle level setting. The public school calendar is followed.

Attributes: Internship, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: S/U Only Grade Basis

**ES 456 Understanding the Early Adolescent (3 crs)**
Prerequisite: ES 203 or ES 210 or ES 212 and admission to program or professional teaching experience. Limited to teaching majors admitted to College of Education and Human Sciences.

Examination of changing attitudes and behaviors of early adolescent youth as related to teaching-learning situations.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**ES 457 Integrating Literacies into the Middle Grades Curriculum (3 crs)**
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences.

Designed to provide means to develop understanding of early adolescent learning and to explore, research, analyze, and acquire knowledge and skills necessary to plan and deliver sound educational experiences pertaining to literacy in middle schools.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**ES 460 Reading and the Young Child (3 crs)**
This course examines curriculum, methods, assessments, materials, and trends in teaching oral language, reading, and writing to children from birth through grade 3.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**ES 463 Practicum in Elementary/Developmental Literacy Grades 1-5 (1 cr)**
Consent: Department Consent Required
Provides a field experience to acquire proficiency in the teaching of reading in the primary grades 1-5. Students will observe, plan, teach and assess reading in an elementary school over the course of a semester.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0.5
Lab/Studio Hours: 1.5

**ES 464 Practicum in Content Area Reading (1 cr)**
- Must be taken concurrently or after a course in content area reading.

Application of strategies for assessing the difficulty of text in content areas; focuses on classroom difficulties due to differing reading abilities of students, with recommended strategies for teaching reading. Supervised practicum for reading teacher and specialist only.

Attributes: Undergraduate/Graduate Offering, Capstone Course
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1

**ES 470 Student Teaching in Secondary Education (6 crs)**
- Admission to professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The student teaches full time for one quarter in a high school setting. The calendar of the school to which the student is assigned is followed for beginning, ending, and vacation dates.

Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: S/U Only Grade Basis

**ES 471 Student Teaching in Special Subjects (1-3 crs)**
- Teacher licensure, related special methods course(s), and departmental approval.

Intended for teachers already certified who are seeking additional licensure; limited student teaching experience specially arranged with student.

Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

**ES 473 Legal Aspects of Teaching (3 crs)**
Recent developments in the definition of legal rights of students and teachers are explored. Rights of students which are considered include student discipline, admission and attendance, injury, and tests and records. Rights of teachers which are considered include tenure, due process, contracts, negotiations, and liability for student injury.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ES 474 Computers in Education: Instructional Design and Development (3 crs)
Prerequisite: ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.
The instructional design and creation of computer-based curricular materials for group and individual instruction within established learning principles.

Attributes: Field Trip(s) Required
Repeat: Course may be repeated
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

ES 475 Internship Teaching in Secondary Education (6-12 crs)
Consent: Department Consent Required

- Admission to professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The intern is a paid contractual member of the public school staff, spending the entire semester in the school system in a high school setting. The public school calendar is followed.

Attributes: Internship, Special Course Fee Required
Grading Basis: S/U Only Grade Basis

ES 476 Developing Programs and Curriculum Materials for the Gifted Student in Grades 1-12 (3 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.
Consent: Instructor Consent Required
Reviews characteristics of gifted student. Suggests program modifications to meet their needs. Stresses stimulation of creative and productive thinking. Participants will identify materials and/or develop a program for selected students in their own school.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 477 Computers in Education: Instructional Applications (3 crs)
Prerequisite: ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.
Consent: Instructor Consent Required
An introduction to current thinking and research related to computers in education. Students will formulate a plan for use of computers, evaluate existing programs, and develop a hypertext/media application.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

ES 485 Field Studies of Minority Groups (3 crs)
Prerequisite: ES 385 or consent of instructor.
A study of the culture, lifestyles, values, and contributions of African American, Indian, Latino, and Hmong minority groups. Students live and work in minority communities, meeting their leaders, interviewing their members, visiting schools, and assisting in playground and youth activities. The group will attend cultural events and a pow-wow, as available.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 1
Lab/Studio Hours: 6

ES 490 Historical, Legal, and Philosophical Foundations of Education (3 crs)

- Graduate students may also enroll.

The application of historical, legal, and philosophical principles to classroom operations. Includes the development of a personal philosophy of education.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 493 International Experience in Education (1-8 crs)
Consent: Department Consent Required

- Completion of junior methods practicum or teaching license.

Allows students to study some aspects of education in another country. Experiences may involve teaching, survey of curriculum, methodology, trends and/or study tour of education facilities. Experience must be approved by department chair.

Attributes: Undergraduate/Graduate Offering

ES 495 Directed Studies in Education (1-3 crs)

- Arranged by department in response to need.

Group study, under the immediate direction of departmental faculty, of a problem not covered in existing courses.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated
ES 497 Field Experience Seminar (2 crs)

- Admission to professional semester and recommendation of Department of Education Studies. Required for elementary education MCEA (Middle Childhood through Early Adolescence), secondary education ECA (Early Childhood through Adolescence), and secondary education EAA (Early Adolescence through Adolescence) education majors.

A capstone seminar designed to provide experiences in which students refine and demonstrate competence in instructional planning, instructional delivery, and other collaborative and professional practices while meeting the needs of a diverse student population. Taken in conjunction with student teaching/internship. Preparation for the materials and competencies required for the job search is highlighted.

Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 499 Independent Study (1-3 crs)

Consent: Department Consent Required
Study of an education issue under the supervision of Education Studies faculty.
Repeat: Course may be repeated

ES 501 General Education Literacy Instruction PK-8 (3 crs)
Prerequisite: Limited to Special Education majors admitted to College of Education and Human Sciences. SPED 301/SPED 501 must be taken concurrently with ES 301/ES 501 and provides field experience in general education classrooms.
- Cross-listed with ES 301. Credit may not be earned in both courses. SPED 301/SPED 501 must be taken concurrently with ES 301/ES 501 and provides field experience in general education classrooms.

This course examines theories and strategies prevalent in general education practices designed to support children in all aspects of literacy development.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 512 General Methods of Teaching (2 crs)
Prerequisite: Admission to program. Concurrent enrollment in ES 317/ES 517, ES 318, ES 328/ES 528, and a prescribed special methods course.
Consent: Department Consent Required
- Cross-listed with ES 312. Credit may not be earned in both courses. Admission to program. Concurrent enrollment in ES 318, ES 328/ES 528, and a prescribed special methods course.

Introduces models of teaching; lesson and unit planning; direct and indirect methods of instruction; audiovisual, computer, and other educational technologies; managing classrooms; and evaluating and grading student learning.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 516 Teaching Multicultural Literature in Grades K-12 (3 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll. Completion of University Writing Requirement.
- Cross-listed with ES 316. Credit may not be earned in both courses.

This course examines what it means to have a multicultural perspective on the use of children’s literature in the classroom and to use those understandings to design rigorous writing curricula for all grade levels.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 517 Middle Level Methods and Curriculum (2 crs)
- Cross-listed with ES 317. Credit may not be earned in both courses. Concurrent enrollment in ES 312, ES 318 or MUED 318, ES 328, and a prescribed methods course. Limited to teaching majors admitted to College of Education and Human Sciences.

Examination of teaching methods appropriate for middle level students and an analysis of philosophies and organizational schemes of the middle level curriculum.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 528 Content Area Reading and Study Strategies (2 crs)
Prerequisite: PSYC 261 or CSD 370 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.
- Cross-listed with ES 328. Credit may not be earned in both courses.

Provides rationale and methods for determining the abilities of middle level and secondary students to read text in content areas and provides strategies for teaching effectively from text in a content area classroom.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 533 Literacy Learning in Culturally and Linguistically Diverse Classrooms (1 cr)
Prerequisite: ES 210/ES 211 or ES 212 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. No credit if taken after ES 753.
- Cross-listed with ES 333. Credit may not be earned in both courses.

Designed for K-12 teachers, this course discusses literacy learning for diverse learners as well as a repertoire of literacy strategies to accomplish academic success.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
ES 538 Reading, Language, and Thinking (3 crs)
Prerequisite: ES 328/ES 528, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.
- Cross-listed with ES 338. Credit may not be earned in both courses.

Study of teaching the interrelationships of critical thinking, reading, writing, speaking, and listening across content areas; practice in research-based procedures to use language to promote learning. Study of the interdisciplinary team approach and group process.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 584 Content Area ESL Instruction (2 crs)
- Cross-listed with ES 384. Credit may not be earned in both courses. Non-TESOL minors only; open to in-service teachers; S/U grade not allowed for graduate students.

Focuses on various instructional strategies to make content knowledge comprehensive for English Learners (ELs). Emphases given to instructional and assessment strategies, various ESL and bilingual education models, and language acquisition theories.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 585 Social Foundations: Human Relations (3 crs)
- Cross-listed with ES 385. Credit may not be earned in both courses. Students are expected to accrue 15 of the 30 hours of volunteer/field work prior to the semester they are enrolled in ES 385/ES 585.

Students will examine cultural contributions of racial, ethnic, cultural, gender, and economic groups. They will also examine forces of discrimination and racism on individuals, society, and education and analyze practices that promote dignity, social justice, and equality.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

ES 605 Teaching English to Speakers of Other Languages (3 crs)
Prerequisite: FLG 378 or concurrent enrollment, and one year college level foreign language study or equivalent, or consent of instructor.
- Cross-listed with ES 405. Credit may not be earned in both courses.

Designed to help school teachers and others recognize the language difficulties of non-native speakers and teach effectively the sounds, basic structures, and vocabulary of English. Stresses development and use of practical techniques and materials based on second-language acquisition principles.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 608 Methods of Teaching Content-Based ESL (3 crs)
Prerequisite: ES 405/ES 605. Limited to TESOL minors.
- Cross-listed with ES 408. Credit may not be earned in both courses.

Future and current English as a Second Language (ESL), bilingual education, and content-area teachers learn how to modify mainstream course materials and instructional strategies so that English language learning students can engage in course content while simultaneously developing their new language.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 610 Current Trends and Practices in Teaching Reading (1 cr)
Prerequisite: ES 305 or equivalent. Limited to teaching non-degree students.
- Cross-listed with ES 410.

Current issues and innovations in teaching reading. May be taken during three different summer sessions for a total of three credits applied toward certification and/or degree.

Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 611 Methods of Bilingual/Bicultural Content-Based Instruction and Curriculum Design (3 crs)
Prerequisite: ES 405/ES 605. Limited to TESOL minors.
- Cross-listed with ES 411. Credit may not be earned in both courses.

Students will learn about bilingual language acquisition, appropriate instruction of bilingual children through grade-level subject matter, various program models, and methods of assessing bilingual students. Students will develop curricula to teach bilingually in content areas.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 613 Computers in Education: Multimedia Presentations (1 cr)
Prerequisite: ES 285
Consent: Instructor Consent Required
- Cross-listed with ES 413. Credit may not be earned in both courses.

Develops skills in the design and production of computer based multimedia presentations that include animation, sound, hypermedia links, and digital images. Students produce and demonstrate the proper utilization of a multimedia material.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
ES 615 Assessment and Evaluation in Grades 1-12 (2 crs)
Prerequisite: ES 304 or ES 312/ES 512. Limited to teaching majors admitted to College of Education and Human Sciences.
- Cross-listed with ES 415. Credit may not be earned in both courses.

Includes observational techniques, teacher-made devices, familiarity with standardized instruments and relative statistical concepts, alternative and performance-based assessments, and current national and state evaluation trends.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 636 Education of Girls and Women in the United States (2 crs)
- Cross-listed with ES 436 and WMNS 436/WMNS 636. Credit may only be earned in one of these courses. No credit if taken after special topics or directed study with the same title.

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 656 Understanding the Early Adolescent (3 crs)
Prerequisite: ES 203 or ES 210 or ES 212 and admission to program or professional teaching experience. Limited to teaching majors admitted to College of Education and Human Sciences.
- Cross-listed with ES 456. Credit may not be earned in both courses.

Examination of changing attitudes and behaviors of early adolescent youth as related to teaching-learning situations.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 657 Integrating Literacies into the Middle Grades Curriculum (3 crs)
- Cross-listed with ES 457. Credit may not be earned in both courses.

Designed to provide means to develop understanding of early adolescent learning and to explore, research, analyze, and acquire knowledge and skills necessary to plan and deliver sound educational experiences pertaining to literacy in middle schools.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 660 Reading and the Young Child (3 crs)
- Cross-listed with ES 460. Credit may not be earned in both courses.

This course examines curriculum, methods, assessments, materials, and trends in teaching oral language, reading, and writing to children from birth through grade 3.

Grading Basis: No S/U Grade Option

ES 663 Practicum in Elementary/Developmental Literacy Grades 1-5 (1 cr)
Consent: Department Consent Required
- Cross-listed with ES 463. Credit may not be earned in both courses.

Provides a field experience to acquire proficiency in the teaching of reading in the primary grades 1-5. Students will observe, plan, teach and assess reading in an elementary school over the course of a semester.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0.5
Lab/Studio Hours: 1.5

ES 664 Practicum in Content Area Reading (1 cr)
- Cross-listed with ES 464. Credit may not be earned in both courses. This course must be taken concurrently or after a course in content area reading.

Application of strategies for assessing the difficulty of text in content areas; focuses on classroom difficulties due to differing reading abilities of students, with recommended strategies for teaching reading. Supervised practicum for reading teacher and specialist only.

Attributes: Capstone Course
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1

ES 673 Legal Aspects of Teaching (3 crs)
- Cross-listed with ES 473. Credit may not be earned in both courses.

Recent developments in the definition of legal rights of students and teachers are explored. Rights of students which are considered include student discipline, admission and attendance, injury, and tests and records. Rights of teachers which are considered include tenure, due process, contracts, negotiations, and liability for student injury.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 676 Developing Programs and Curriculum Materials for the Gifted Student in Grades 1-12 (3 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.
Consent: Instructor Consent Required
- Cross-listed with ES 476. Credit may not be earned in both courses.

Reviews characteristics of gifted student. Suggests program modifications to meet their needs. Stresses stimulation of creative and productive thinking. Participants will identify materials and/or develop a program for selected students in their own school.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 677</td>
<td>Computers in Education: Instructional Applications (3 crs)</td>
<td>3</td>
<td>ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Consent: Instructor Consent Required</td>
<td>An introduction to current thinking and research related to computers in education. Students will formulate a plan for use of computers, evaluate existing programs, and develop a hypertext/media application. Attributes: Field Trip(s) Required, Consent: Instructor Consent Required, Cross-listed with ES 477. Credit may not be earned in both courses.</td>
</tr>
<tr>
<td>ES 685</td>
<td>Field Studies of Minority Groups (3 crs)</td>
<td>3</td>
<td>ES 385/ES 585 or consent of instructor.</td>
<td>A study of the culture, lifestyles, values, and contributions of African American, Indian, Latino, and Hmong minority groups. Students live and work in minority communities, meeting their leaders, interviewing their members, visiting schools, and assisting in playground and youth activities. The group will attend cultural events and a pow-wow, as available. Attributes: Field Trip(s) Required, Consent: Instructor Consent Required, Cross-listed with ES 485. Credit may not be earned in both courses.</td>
</tr>
<tr>
<td>ES 690</td>
<td>Historical, Legal, and Philosophical Foundations of Education (3 crs)</td>
<td>3</td>
<td>Graduate students may also enroll</td>
<td>The application of historical, legal, and philosophical principles to classroom operations. Includes the development of a personal philosophy of education. Attributes: Field Trip(s) Required, Consent: Instructor Consent Required, Cross-listed with ES 490. Credit may not be earned in both courses.</td>
</tr>
<tr>
<td>ES 693</td>
<td>International Experience in Education (1-8 crs)</td>
<td>1-8</td>
<td>Department Consent Required</td>
<td>Allows students to study some aspects of education in another country. Experiences may involve teaching, survey of curriculum, methodology, trends and/or study tour of education facilities. Experience must be approved by department chair. Attributes: Consent: Department Consent Required, Cross-listed with ES 493. Completion of methods practicum or teaching license.</td>
</tr>
<tr>
<td>ES 695</td>
<td>Directed Studies in Education (1-3 crs)</td>
<td>1-3</td>
<td></td>
<td>Group study, under the immediate direction of departmental faculty, of a problem not covered in existing courses. Attributes: Consent: Department Consent Required, Cross-listed with ES 495. Arranged by department in response to need. Repeat: Course may be repeated</td>
</tr>
<tr>
<td>ES 697</td>
<td>Field Experience Seminar (1 cr)</td>
<td>1</td>
<td>Department Consent Required</td>
<td>A capstone seminar designed to provide experiences in which students refine and demonstrate competence in instructional planning, instructional delivery, and other collaborative and professional practices while meeting the needs of a diverse student population. Taken in conjunction with student teaching/internship. Preparation for the materials and competencies required for the job search is highlighted. Attributes: Consent: Department Consent Required, Cross-listed with ES 497. Credit may not be earned in both courses.</td>
</tr>
<tr>
<td>ES 705</td>
<td>Literacy Assessment (3 crs)</td>
<td>3</td>
<td>CSD 311/CSD 511; ES 328/ES 528; SPED 300/SPED 500 or SPED 330/SPED 530 or SPED 400/SPED 600; or equivalent for each or consent of instructor.</td>
<td>Teachers will examine assessment methods for reading and writing, conduct assessments, and analyze data to inform instructional decisions. Issues of literacy assessment will be explored. Work outside of class with a student is required. Attributes: Consent: Instructor Consent Required, Cross-listed with ES 497. Credit may not be earned in both courses.</td>
</tr>
<tr>
<td>ES 706</td>
<td>Practicum in Literacy (1 cr)</td>
<td>1</td>
<td>ES 705 or consent of instructor.</td>
<td>Using assessment methods learned in ES 705, teachers work on multidisciplinary teams to assess a client and make instructional recommendations. Teachers discuss issues of each case and review and share research related to their case. Attributes: Consent: Instructor Consent Required, Cross-listed with ES 497. Credit may not be earned in both courses.</td>
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<tr>
<td>ES 710</td>
<td>Children and Youth at Risk (2 crs)</td>
<td>2</td>
<td></td>
<td>Describes what factors put children/youth at risk: topics include resiliency and thrival theories, causes and conditions, and emotional well-being issues in the context of public schools and communities. Attributes: Consent: Instructor Consent Required, Cross-listed with ES 498. Credit may not be earned in both courses.</td>
</tr>
</tbody>
</table>
ES 712 Social Foundations of Education (3 crs)
The purpose of this course is to help students develop into educators who critically examine the political, social, economic, ideological, and cultural landscape in which they will teach.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 720 Philosophical Foundations of Education (3 crs)
This course will survey philosophical thought foundational to educational theory and practice. The course is intended for graduate students who want an interdisciplinary approach to understanding the role and structure of the American education system.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 721 Teacher Reflection and Evaluation (1 cr)
Designed to assist educators in examining their teaching through reflective practice. Participants will explore and apply multiple ways of reflecting and evaluating their teaching from peer assistance to self-evaluations, student interviews, and teaching portfolios.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 725 Mathematics Curriculum, Instruction, and Evaluation in Grades 1-12 (3 crs)
Prerequisite: ES 306 or ES 357 or consent of instructor.
A survey of current trends and issues related to mathematics teaching and learning in elementary through high school. Contemporary instructional procedures, curricula and assessment methods will be examined. Technology integration will be infused.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 726 Issues of Critical Literacy in Grades K-12 (3 crs)
Prerequisite: ES 305, ES 328/ES 528 or ES 753.
A major thrust of this course will be on the social, cultural, and political dimensions of literacy education in grades K-12.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 730 Comparative Education (3 crs)
Theory, structure, and organization of education. Examines education in selected countries of Europe, South America, Near East, Middle East, and Far East.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 731 Administration and Leadership in Reading Instruction (3 crs)
Prerequisite: ES 305 or ES 726, ES 705, ES 706, and ES 753.
Provides the prospective Reading Specialist with coaching models, study of reading program reform and home, school and community partnerships. Examines leadership strategies to administer and promote the K-12 district reading instruction and assessment program.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 732 Social Studies Curriculum and Instruction in Grades 1-12 (3 crs)
Analysis of trends, issues, materials, and practices in Social Studies education.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 733 Science Curriculum and Instruction in Grades 1-12 (3 crs)
Prerequisite: ES 308 or consent of instructor.
Advanced study of contemporary curriculum models and strategies for teaching science. Investigates current issues affecting 1-12 science teaching.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 734 Current Trends and Issues in Curriculum 1-12 (3 crs)
Organizing elements, current issues, innovations, and trends in curriculum for grades 1-12.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 738 Curriculum Theory and Development in Modern Society (3 crs)
Intended for classroom teachers and others who have curriculum development responsibilities; systematic procedures for developing complete courses or units of instruction.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 740 Introduction to Educational Research (3 crs)
Survey of research procedures and techniques and their interpretation; critical examination and interpretation of the research literature on teaching.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ES 742 Advanced Topics in Teaching (1-3 crs)
A collection of one-credit courses, varying in scope and in degree of emphasis on educational issues and/or practices, designed to provide continued study of topics related to professional issues and professional performance.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 743 Instructional Supervision Theory (3 crs)
Consent: Instructor Consent Required
A theory-based course designed to develop the competence of those preparing to supervise teacher education students. Fees may be waived if the cooperating teacher, team leader, or administrator is serving the UW-Eau Claire teacher education program.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 744 Advanced Practica and Topics in Supervision (1 cr)
Prerequisite: ES 743 or supervision course.
- Current involvement in supervision.
A practicum-based course designed to enhance and refine the supervisory skills of cooperating teachers supervising teacher education students. Fees may be waived if the cooperating teacher is serving the UW-Eau Claire teacher education program.
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 745 Language Arts Curriculum and Instruction in Grades 1-8 (3 crs)
Materials, procedures, and organization of elementary and middle school language arts. For teachers, supervisors, and administrators in elementary and middle schools.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 746 Literacy Learning in Culturally and Linguistically Diverse Classrooms (3 crs)
Addresses socio-cultural, pedagogical, and instructional issues related to CLD learners' literacy development with focus on the study of second language teaching approaches (instructional, curricular, and behavioral strategies) applicable for K-12 learning environments.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 753 Facilitating Literacy Across the Curriculum (3 crs)
Rationale and methods for determining and meeting the needs and abilities of middle level, secondary, and post-secondary students to read text in content areas.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 755 Interpersonal Effectiveness in the School Environment (3 crs)
Designed to help participants develop abilities to act in concert with teachers in a team environment. Includes a study of current literature and techniques in the inter-department team relationships. Emphasis is on simulations of stress situations in which participants diagnose the causes and explore solution techniques.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 760 Administrative Leadership (3 crs)
A study of selected theories and research relating to individual and group behaviors in K-12 educational organizations with emphasis on the characteristics of educational leadership including participatory management, long range strategic planning and change agent processes. Particular emphasis is given to human relations skills as well as oral and written communication skills needed by public school leaders.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 765 University of Wisconsin-Reading Symposium (1 cr)
Consent: Instructor Consent Required
- Held off-site in Milwaukee, Appleton, or Madison
This two-day June symposium features nationally recognized speakers who address recent advances and issues in K-12 reading research. Strategies and practices to enhance classroom instruction are provided.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 768 Seminar in Reading (3 crs)
Prerequisite: ES 706 or ES 740 or ES 788.
Content determined by both professor and students. Multiple topics for consideration presented by instructor. Each class member is required to be familiar with all topics and to investigate one in considerable depth.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ES 770 School Law (3 crs)
Study of the legal system, Wisconsin Statutes relating to schools, federally mandated programs, teacher and student freedoms and responsibilities, and case law related to the foregoing.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 771 Cooperative Learning and Grouping in the Classroom (3 crs)
The operation of schools and classrooms and the organization of curriculum and instruction are examined from group perspectives. Cooperative learning and other strategies for using small groups in classrooms.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 772 Seminar in Elementary and Middle Level Education (1-3 crs)
Consent: Instructor Consent Required
An intensive study of selected topics in elementary and middle level education. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 774 Evaluation of Learner Achievement (3 crs)
Includes instruction objectives, improving teacher evaluation devices, selecting standardized tests, analyzing and interpreting test scores, norms and profiles, and review of current literature.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 776 Teaching Adult Learners (3 crs)
Examines the nature and needs of adult learners, approaches to adult learning programs, methods for instructing and evaluating adult learners, as well as trends and projections in adult education.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 777 Program Evaluation (3 crs)
The development of competency in designing, implementing, reporting, and assessing a plan to evaluate academic and nonacademic educational programs.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 778 Organizing Instruction for Adult Learners (3 crs)
A dynamic model for planning instruction for adults includes collaboration, backwards design, motivation, needs analysis, assessment/evaluation and differentiation. Targeted for those who spend all or part of their time developing programs for adults.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 779 Working Effectively with Adults (3 crs)
Working effectively with adults requires a comprehensive set of verbal skills (listening, empathizing and clarifying), an action orientation towards true commitment and a willingness towards seeing reality from different points of view.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 780 Developing, Evaluating and Sustaining Collaborative Programs (3 crs)
Adult learning experiences are strengthened when designers, administrators, and participants collaboratively plan to construct, evaluate, and sustain programs. This course prepares participants to implement collaborative program design and evaluation processes for new or existing programs.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 781 Developing and Assessing Programs for Adults (3 crs)
Prerequisite: ES 776, ES 778, ES 779, ES 780.
Requires learners to re-design a course/program for adult learners in a professional setting of implementation quality, grounded in research and practice. A capstone course for the Certificate in Adult Learning.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 782 Policy, Polity, and Politics of Educational Assessment (3 crs)
Prerequisite: ES 776, ES 778, ES 779, ES 780.
This course explores current federal and state public policy, its political assumptions, its social pretensions, and its pedagogical implications. Generates a space to critically develop instruments that are consistent with critical pedagogies.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ES 783 Critical Examination of Diversity, Education and Society (3 crs)
Students will examine, analyze, and reflect on social, political, economic, and cultural practices of oppression, discrimination, racism, sexism, heterosexism, linguicism, and classism in relation to educational inequity.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 784 Contemporary Issues in Education Policy (3 crs)
This course critically examines the impact of intersecting systems on U.S. education policy. These systems will be discussed in terms of relationships between social, political, historical, and economic factors that impact contexts of public education.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 785 Issues in Middle Grade Teaching (3 crs)
An examination of issues facing middle grade teachers including needs of students, self concept, organization, curriculum, grading/reporting, and student activities.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 788 Introduction to Educational Inquiry (3 crs)
• Admission to Master of Education--Professional Development or Master of Science in Teaching Degree Program.

Study of educational inquiry and research methodologies. Intended to increase student's ability to critically read and synthesize the products of educational inquiry, to conceptualize and conduct a clear, disciplined inquiry into a topic.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 794 Scholarly Paper (1-2 crs)
Consent: Department Consent Required
• Permission of scholarly paper adviser.

Selection and implementation of the scholarship/research process with guidance from an Education Studies graduate adviser. Culminates in a paper and an oral presentation.

Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: S/U Only Grade Basis

ES 795 Research Paper (1-2 crs)
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

ES 796 Directed Studies (1-3 crs)
A group may investigate common problems.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 798 Graduation Only (1 cr)
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

ES 799 Thesis (1-6 crs)
• Full-time equivalent

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis