EDUCATION (EDUC)

EDUC Courses

EDUC 125. First Year Seminar. 2 units
CR/NC
Term Typically Offered: TBD
Issues associated with the successful transition from high school or community college to Cal Poly. Links fostered between student needs and campus resources. Coverage of academic policies and procedures, university study skills, goal setting, career planning, wellness and other topics relevant to student success. Not open to students with credit in UNIV 100. Credit/No Credit grading only. 1 lecture, 1 activity. Crosslisted as EDUC/UNIV 125.

EDUC 207. Children's Learning and Development in Educational Settings. 4 units
Term Typically Offered: F, W, SP
Prerequisite: Sophomore standing; PSY 201 or PSY 202 or admission to the university with the intent to enter the MSTEP Program.
Study of theories and research about the development and learning of children and young adolescents within diverse backgrounds, and application to teaching in public school settings. Observations/interactions with children in school settings. 3 lectures, 1 activity. Participation in public schools requires mandated fingerprint clearance. Crosslisted as CD/EDUC 207.

EDUC 270. Selected Topics. 1-4 units
Term Typically Offered: TBD
Prerequisite: Open to undergraduate students and consent of instructor.
Directed group study of selected topics. The Class Schedule will list topic selected. Total credit limited to 8 units. 1 to 4 lectures.

EDUC 300. Historical, Philosophical, and Social Foundations of Public Education. 3 units
Term Typically Offered: F, W, SP
Prerequisite: Junior standing.
Historical, philosophical, and social foundations of public education in relation to school curriculum, instruction and dispositions of effective teachers. Structured observation and participation in K-12 public schools with attention to instructional practices for diverse learners. 2 lectures, 1 activity. Participation in public schools requires mandated fingerprint clearance.

EDUC 400. Special Problems for Undergraduates. 1-4 units
Term Typically Offered: TBD
Prerequisite: Junior standing and consent of instructor.
Individual investigation, research, studies or surveys of selected problems. Total credit limited to 8 units, with a maximum of 4 units per quarter.

EDUC 402. Learning to Teach K-8 Health and Physical Education with Diverse Populations. 3 units
Term Typically Offered: F, W, SP
Prerequisite: Admission to the Multiple Subject Teacher Preparation Program.
Subject-specific instructional methodologies in Health and Physical Education (PE). Design and implementation of elementary school instruction to address state-adopted content standards for Health and Physical Education in the State of California. 2 lecture, 1 laboratory.

EDUC 405. Social, Historical and Cultural Influences on Latino/a Students in Education. 4 units
Term Typically Offered: SP
Prerequisite: SPAN 202 with a grade of B or better; or appropriate score on placement exam; or consent of instructor.
Social, cultural, historical, political, economic, and educational factors and systems in Latin America and the United States that have contributed to and shaped Latino/a individual and group identity. How factors affect individual acculturation in California and the United States and influence how Latino/as experience and participate with schooling in the United States. Course may be offered in classroom-based or online format. 3 seminars, 1 activity.

EDUC 410. Social, Historical and Ethical Perspectives on Teaching and Learning. 4 units
Term Typically Offered: F, W, SP
Prerequisite: Admission to the Single Subject Credential Program.
Inquiry into the social, historical, philosophical and psychological foundations of education with an emphasis on applying educational theory to practice. Prepares Single Subject Credential Program students for classroom teaching. 4 lectures.

EDUC 412. Access to Learning in a Pluralistic Society. 4 units
Term Typically Offered: F, SP
Prerequisite: Admission to the Single Subject Credential Program.
The role of culture, status, identity, and human development in public school experiences of diverse learners. Organization and management of secondary school classrooms as related to adolescent development and issues of access to learning. 4 lectures.

EDUC 414. Curriculum and Inquiry in Public Schools. 4 units
Term Typically Offered: F, SP
Prerequisite: Admission to the Single Subject Credential Program.
Principles, methods and practices of organizing curriculum, instruction, and assessment for secondary school subject areas, with an emphasis on backward design in curriculum development and assessment. Site visits to local schools to allow analysis of planning, instruction, and assessment in secondary school classrooms. 4 lectures.
EDUC 416. Literacy, Language, and Culture in Content Area Classrooms. 3 units
Term Typically Offered: F, W
Prerequisite: Admission to the Single Subject Credential Program.

Theories and application of literacy learning, assessment and second language acquisition in content classrooms. Observation of classrooms, tutoring English language learners, designing and teaching literacy lessons, planning and implementing assessments across content areas. Recognition of the role of culture in language acquisition. Course may be offered in classroom-based or online format. 3 lectures.

EDUC 417. Literacy, Language, and Culture in the Content Area Classroom Fieldwork. 1 unit
CR/NC
Term Typically Offered: F, W
Fieldwork in the secondary classroom related to literacy, language and culture for Agriculture Education candidates. Includes 1-3 hours of observation each week. Participation in public schools requires mandated fingerprint clearance. Credit/No Credit grading. 1 activity.

EDUC 418. Culturally Responsive Teaching in Diverse Classrooms. 3 units
Term Typically Offered: F, SP
Prerequisite: Admission to the Single Subject Credential Program.

Differentiated instruction and further theoretical knowledge and skills needed for successful teaching of linguistically and culturally diverse learners, as well as students with special learning needs. PACT assessments embedded in course prepare credential candidates for the teaching event. 3 lectures.

EDUC 419. Culturally Responsive Fieldwork in Diverse Classrooms. 1 unit
CR/NC
Term Typically Offered: F, SP
Fieldwork in the secondary classroom related to culturally responsive teaching in diverse classrooms for Agriculture Education candidates. Includes 1-3 hours of observation each week. Participation in public schools requires mandated fingerprint clearance. Credit/No Credit grading. 1 activity.

EDUC 423. Bilingual Literacy. 4 units
Term Typically Offered: W
Prerequisite: Admission to the Spanish Authorization for Bilingual Educators (SABE) Program.

Patterns of classroom organization, application of reading programs, approaches, methods in English and Spanish, and supervised field experiences in elementary classrooms with bilingual students. Course may be offered in classroom-based or online format. 3 seminars, 1 activity.

EDUC 427. Theories, Methods, and Assessment of First and Second Language Acquisition in Schools. 4 units
Term Typically Offered: F, W, SP
Prerequisite: Senior standing. Recommended: ENGL 391.

Theories, methods, materials and assessment involved in the instruction of emergent bilingual students. Bilingual, transitional, and English only programs compared across a historical framework. Emphasis on an integrated language arts approach; theories of language acquisition. 3 seminars, 1 activity. Participation in public schools requires mandated fingerprint clearance.

EDUC 428. Foundations of K-8 Literacy Teaching and Learning in Schools with Diverse Populations. 4 units
Term Typically Offered: F, W, SP
Prerequisite: Senior or Graduate standing.

Introduction of foundational topics in literacy teaching and learning in K-8 schools with diverse populations. Examination of concepts and theories underlying literacy learning and instruction, and relating research-based patterns of reading and writing development to features of the learner and learning environments. Participation in public schools requires mandated fingerprint clearance. 3 seminars, 1 activity.

EDUC 429. Learning to Teach K-8 Literacy in Schools with Diverse Populations. 4 units
Term Typically Offered: F, W, SP
Prerequisite: Admission to the Multiple Subject Teacher Preparation Program.

Integration of theory and practice for planning, instruction and assessment in a balanced, comprehensive, research-based K-8 literacy and language arts program to enable children of all abilities and background to read, write, speak, listen and think effectively. 4 seminars.

EDUC 431. Learning to Teach K-8 Social Studies with Diverse Populations. 4 units
Term Typically Offered: F, W
Prerequisite: Admission to the Multiple Subject Teacher Preparation Program.

Curriculum instruction and assessment concepts regarding teaching social studies to culturally diverse students in grades K-8, to promote civic competence and the development of elementary students' knowledge and reasoning in the social sciences. 4 seminars.

EDUC 433. Foundations of Bilingual Education. 4 units
Term Typically Offered: F
Prerequisite: Admission to the Spanish Authorization for Bilingual Educators (SABE) Program.

History, theories, and practices associated with contemporary bilingual education in California and the U.S. Observation and limited teaching in bilingual classrooms. Approximately one-half of the class taught in Spanish. Course may be offered in classroom-based or online format. 3 seminars, 1 activity.

EDUC 435. Learning to Teach K-8 Mathematics with Diverse Populations. 4 units
Term Typically Offered: F, W, SP
Prerequisite: Admission to the Multiple Subject Teacher Preparation Program.

Curriculum, instruction, and assessment concepts regarding teaching mathematics for understanding to culturally diverse students in grades K-8, with emphasis on using manipulatives to promote elementary students' development of mathematical knowledge and reasoning. 4 seminars.
EDUC 436. Learning to Teach K-8 Science with Diverse Populations. 4 units
Term Typically Offered: F, W, SP
Prerequisite: Admission to the Multiple Subject Teacher Preparation Program.

Curriculum, instruction, and assessment concepts regarding teaching science for understanding to culturally diverse students in grades K-8, with emphasis on teaching via inquiry to promote the development of scientific knowledge and reasoning. 3 seminars, 1 activity.

EDUC 438. Multiple Subject Clinical Practice I. 2-4 units
CR/NC
Term Typically Offered: F, W, SP
Prerequisite: Admission to the Multiple Subject Teacher Preparation (MSTEP) Program.

Clinical experiences involving observation; limited lesson planning, instruction, assessment and reflection; growth as a professional educator and participation in school-related activities in K-8 public school classrooms. Participation in public schools requires mandated fingerprint clearance. Total credit limited to 4 units. Credit/No Credit grading only.

EDUC 439. Multiple Subject Clinical Practice Seminar I. 3 units
CR/NC
Term Typically Offered: F, W, SP
Prerequisite: Admission to the Multiple Subject Teacher Preparation (MSTEP) Program.

Discussion of contemporary educational issues and classroom practice; reflection on beginning clinical experiences in elementary education and their connection with educational theory and research. Credit/No Credit grading only. 3 seminars.

EDUC 440. Educating Individuals with Exceptional Needs. 4 units
Term Typically Offered: F, W, SP
Prerequisite: EDUC 429, EDUC 431, EDUC 435, EDUC 436, EDUC 438 and EDUC 439.

Characteristics, incidence, and etiology of individuals with exceptional needs. Problems, assessment, and approaches toward accommodating students with exceptional needs in the regular classroom. 3 seminars, 1 activity.

EDUC 442. Elementary Field Experience in General and/or Special Education. 1-4 units
CR/NC
Term Typically Offered: F
Prerequisite: Acceptance into the Preliminary Special Education Credential Program or the Multiple Subject Teacher Preparation (MSTEP) Program.

Public school classroom experiences in general education and/or special education classrooms at the elementary level. Teaching individuals and small groups. Total credit limited to 4 units. Credit/No Credit grading only.

EDUC 447. Secondary Field Experience in General and/or Special Education. 1-4 units
CR/NC
Term Typically Offered: F
Prerequisite: Acceptance into the Preliminary Special Education Credential Program or the Single Subject Credential Program.

Public school classroom experiences in general education classrooms and/or special education classrooms at the secondary level. Teaching individuals and small groups. Total credit limited to 4 units. Credit/No Credit grading only.

EDUC 449. Special Education Student Teaching. 8 units
CR/NC
Term Typically Offered: SP
Prerequisite: Acceptance into Level I Special Education Credential Program; completion of all program requirements. Concurrent: EDUC 451.

Participation in public schools as a student teacher in activities representing different roles of special education teachers. Assumption of a teacher’s responsibility for individual and small groups. Minimum 4 days per week. Credit/No Credit grading only.

EDUC 450. Teaching Performance Assessment Seminar. 1 unit
CR/NC
Term Typically Offered: F, W, SP
Tasks, timelines, evaluation rubrics, and academic writing in relation to the Teaching Performance Assessments that are required for teacher credentialing in California. Total credit limited to 2 units. Credit/No Credit grading. 1 seminar.

EDUC 451. Special Education Student Teaching Seminar. 4 units
CR/NC
Term Typically Offered: SP
Prerequisite: Acceptance into Level I Special Education Credential Program; completion of program requirements for the Level I Special Education Program. Concurrent: EDUC 449.

Educational issues and research, development and assessment of teaching portfolio, completion of materials for a job search, and beginning the first year as a special educator. 3 seminars, 1 activity.

EDUC 454. Multiple Subject Clinical Practice II. 6 units
CR/NC
Term Typically Offered: F, W, SP
Prerequisite: Admission to the Multiple Subject Teacher Preparation (MSTEP) Program.

Clinical experiences involving planning, instruction, assessment and reflection; growth as a professional and related activities in K-8 public school classrooms. Participation in public schools requires mandated fingerprint clearance. Credit/No Credit grading only.
EDUC 455. Multiple Subject Clinical Practice Seminar II. 3 units
CR/NC
Term Typically Offered: F, W, SP
Prerequisite: Acceptance into STEP II or STEP B of the Multiple Subject Teacher Preparation Program. Concurrent: EDUC 454.

Discussion of contemporary educational issues, state education policies and expectations for effective classroom practice; reflection on clinical experiences in elementary education and their connection with educational theory research. Participation in public schools requires mandated fingerprint clearance. Credit/No Credit grading. 3 seminars.

EDUC 456. Multiple Subject Clinical Practice III. 12 units
CR/NC
Term Typically Offered: F, W, SP
Prerequisite: EDUC 454 and EDUC 455. Concurrent: EDUC 457.

Advanced clinical experiences involving planning, instruction, assessment and reflection; growth as a professional and related activities in K-8 public school classrooms. Credit/No Credit grading only.

EDUC 457. Multiple Subject Clinical Practice Seminar III. 3 units
CR/NC
Term Typically Offered: F, W, SP
Prerequisite: EDUC 454 and EDUC 455. Concurrent: EDUC 456.

Discussion of contemporary educational issues, national education policies and expectations for effective classroom practice; reflection on advanced clinical experiences in elementary education and their connection with educational theory and research. Credit/No Credit grading. 3 seminars.

EDUC 458. Computer Based Curriculum. 4 units
CR/NC
Term Typically Offered: TBD
Prerequisite: Junior standing.

Examination of technology-supported instruction with special focus on the use of technology to enable constructivist learning experiences for K-12 students. A survey of advanced technologies including Web-based tools, apps, digital storytelling and media production. Course offered online only. 3 seminars, 1 activity.

EDUC 459. Clinical Practice I. 4 units
CR/NC
Term Typically Offered: F
Prerequisite: Admission to the Single Subject Credential Program.

Clinical experiences involving observation; limited planning, instruction, assessment and reflection; growth as a professional, and participation in other school-related activities in secondary public classrooms. Credit/No Credit grading only.

EDUC 460. Clinical Practice II. 8 units
CR/NC
Term Typically Offered: W
Prerequisite: Completion of courses and requirements to begin student teaching and approval of campus screening committee for credential candidates.

Part-time assignment in a classroom (Single Subject only). Includes teaching activities under the direction of a selected cooperating teacher in consultation with a university supervisor. Assignment consists of an entire morning in the classroom (or the equivalent) for one quarter. Credit/No Credit grading only.

EDUC 461. Selected Advanced Topics. 1-4 units
Term Typically Offered: TBD
Prerequisite: Consent of instructor.

Directed group study of selected topics for advanced students. Open to undergraduate and graduate students. The Class Schedule will list topic selected. Total credit limited to 8 units. 1 to 4 lectures.

EDUC 462. Clinical Practice III. 12 units
CR/NC
Term Typically Offered: SP
Prerequisite: Completion of all courses and requirements prerequisite to full-time student teaching and approval by campus screening committee for credential candidates.

Full-time assignment in a classroom (Single Subject only). Includes teaching activities under the direction of a selected cooperating teacher in consultation with a university supervisor. Assignment consists of an entire teaching day in the school for one quarter. Credit/No Credit grading only.

EDUC 463. Individual Study. 1-4 units
Term Typically Offered: TBD
Prerequisite: Consent of department head, graduate major advisor, and supervising faculty member.

Advanced study planned and completed under the direction of a member of the department faculty. Open only to graduate students who have demonstrated ability to do independent work. Enrollment by petition. Total credit limited to 8 units.

EDUC 464. Clinical Practice IV. 8 units
CR/NC
Term Typically Offered: W
Prerequisite: Graduate standing.

Examination of technology-supported instruction with special focus on the use of technology to enable constructivist learning experiences for K-12 students. A survey of advanced technologies including Web-based tools, apps, digital storytelling, and media production. Course offered online only. 3 seminars, 1 activity.

EDUC 500. Education Finance and Resource Allocation. 4 units
Term Typically Offered: TBD
Prerequisite: Consent of instructor.

Discussion of financial planning and integration of technology into the K-12 curriculum. Familiarization with available educational courseware and software. Emphasis on classroom application. 1 seminar, 1 activity.

EDUC 501. Clinical Practice V. 4 units
CR/NC
Term Typically Offered: SP
Prerequisite: Consent of supervising faculty member.

Clinical experiences involving observation; limited planning, instruction, assessment and reflection; growth as a professional, and participation in other school-related activities in secondary public classrooms. Credit/No Credit grading only.

EDUC 502. Advancing Pedagogical Practices with Technology. 4 units
Term Typically Offered: TBD
Prerequisite: Consent of instructor.

Examination of technology-supported instruction with special focus on the use of technology to enable constructivist learning experiences for K-12 students. A survey of advanced technologies including Web-based tools, apps, digital storytelling, and media production. Course offered online only. 3 seminars, 1 activity.

EDUC 503. Education Finance and Resource Allocation. 4 units
Term Typically Offered: TBD
Prerequisite: Consent of instructor.

Discussion of financial planning and integration of technology into the K-12 curriculum. Familiarization with available educational courseware and software. Emphasis on classroom application. 1 seminar, 1 activity.

EDUC 504. Clinical Practice VI. 4 units
CR/NC
Term Typically Offered: SP
Prerequisite: Consent of supervising faculty member.

Clinical experiences involving observation; limited planning, instruction, assessment and reflection; growth as a professional, and participation in other school-related activities in secondary public classrooms. Credit/No Credit grading only.

EDUC 505. Selected Advanced Topics. 1-4 units
Term Typically Offered: TBD
Prerequisite: Consent of instructor.

Directed group study of selected topics for advanced students. Open to undergraduate and graduate students. The Class Schedule will list topic selected. Total credit limited to 8 units. 1 to 4 lectures.

EDUC 506. Clinical Practice VII. 4 units
CR/NC
Term Typically Offered: SP
Prerequisite: Consent of supervising faculty member.

Clinical experiences involving observation; limited planning, instruction, assessment and reflection; growth as a professional, and participation in other school-related activities in secondary public classrooms. Credit/No Credit grading only.

EDUC 507. Clinical Practice VIII. 4 units
CR/NC
Term Typically Offered: SP
Prerequisite: Consent of supervising faculty member.

Clinical experiences involving observation; limited planning, instruction, assessment and reflection; growth as a professional, and participation in other school-related activities in secondary public classrooms. Credit/No Credit grading only.

EDUC 508. Selected Advanced Topics. 1-4 units
Term Typically Offered: TBD
Prerequisite: Consent of instructor.

Directed group study of selected topics for advanced students. Open to undergraduate and graduate students. The Class Schedule will list topic selected. Total credit limited to 8 units. 1 to 4 lectures.

EDUC 509. Clinical Practice IX. 4 units
CR/NC
Term Typically Offered: SP
Prerequisite: Consent of supervising faculty member.

Clinical experiences involving observation; limited planning, instruction, assessment and reflection; growth as a professional, and participation in other school-related activities in secondary public classrooms. Credit/No Credit grading only.

EDUC 510. Education Finance and Resource Allocation. 4 units
Term Typically Offered: TBD
Prerequisite: Consent of instructor.

Discussion of financial planning and integration of technology into the K-12 curriculum. Familiarization with available educational courseware and software. Emphasis on classroom application. 1 seminar, 1 activity.

EDUC 511. Clinical Practice X. 4 units
CR/NC
Term Typically Offered: SP
Prerequisite: Consent of supervising faculty member.

Clinical experiences involving observation; limited planning, instruction, assessment and reflection; growth as a professional, and participation in other school-related activities in secondary public classrooms. Credit/No Credit grading only.

EDUC 512. Clinical Practice XI. 4 units
CR/NC
Term Typically Offered: SP
Prerequisite: Consent of supervising faculty member.

Clinical experiences involving observation; limited planning, instruction, assessment and reflection; growth as a professional, and participation in other school-related activities in secondary public classrooms. Credit/No Credit grading only.

EDUC 513. Selected Advanced Topics. 1-4 units
Term Typically Offered: TBD
Prerequisite: Consent of instructor.

Directed group study of selected topics for advanced students. Open to undergraduate and graduate students. The Class Schedule will list topic selected. Total credit limited to 8 units. 1 to 4 lectures.

EDUC 514. Clinical Practice XII. 4 units
CR/NC
Term Typically Offered: SP
Prerequisite: Consent of supervising faculty member.

Clinical experiences involving observation; limited planning, instruction, assessment and reflection; growth as a professional, and participation in other school-related activities in secondary public classrooms. Credit/No Credit grading only.
EDUC 511. Educational Law and Governance. 4 units  
Term Typically Offered: SP  
Prerequisite: Graduate standing and consent of instructor.  
Legal aspects of school administration including unions, collective bargaining, and contract administration. Governing roles of federal, state, and local agencies including boards and district administrators. 3 seminars, 1 activity.

EDUC 512. Education Organization and Management. 4 units  
Term Typically Offered: F  
Prerequisite: Graduate standing and consent of instructor.  
Principles of organization, management, and leadership and their relationship to educational effectiveness and productivity. Activity experience in the application of management theory in schools. 3 seminars, 1 activity.

EDUC 513. Education Planning and Decision Making. 4 units  
Term Typically Offered: F  
Prerequisite: Graduate standing and consent of instructor.  
Concepts of planning and decision making in educational administration that utilize a wide range of data gathering and analysis procedures. 3 seminars, 1 activity.

EDUC 515. Educational Program Management and Evaluation. 4 units  
Term Typically Offered: F  
Prerequisite: Graduate standing and consent of instructor.  
Supervision, management, and evaluation of educational curriculum and educational programs. Current trends in program management including mapping, monitoring, alignment. 3 seminars, 1 activity.

EDUC 516. Educational Personnel Supervision and Evaluation. 4 units  
Term Typically Offered: W  
Prerequisite: Graduate standing and consent of instructor.  
Principles and processes for the supervision and evaluation of certificated and classified staff including legal, research, and professional considerations. 3 seminars, 1 activity.

EDUC 517. Managing Action Research Communities. 2 units  
Term Typically Offered: SP  
Prerequisite: Admission to School of Education's Educational Leadership and Administration Master's program.  
Examination of issues that affect educational leaders implementing and managing large-scale collaborative action research projects. Application of interventions based on action research findings. 2 seminars.

EDUC 518. Administrative Services Fieldwork. 3 units  
CR/NC  
Term Typically Offered: F, W, SP  
Prerequisite: Admittance to the Administrative Services Credential program and consent of instructor.  
Supervised fieldwork in school administration for supervision at the elementary and secondary level. Assignments must encompass three of the four academic quarters and must involve some multicultural experience. Total credit limited to 18 units, only 9 of which may be applied toward master's degree. Credit/No Credit grading only.

EDUC 519. Professional e-Portfolios for Educational Leaders. 1 unit  
CR/NC  
Term Typically Offered: SP  
Prerequisite: Enrollment in the Educational Leadership and Administration Program (ELAP).  
Demonstration of exemplars of professional practice keyed to standards for the California Preliminary Administrative Services Credential. Class meets two (2) times per quarter. Faculty meet individually with students as to address portfolio development on a case-by-case basis. Credit/No Credit grading only. 1 activity.

EDUC 521. Literacy Across the Curriculum. 4 units  
Term Typically Offered: F  
Prerequisite: Graduate standing.  
Supporting students' literacy development across school subjects – English language arts, mathematics, science, social studies – through an integrated instructional approach focusing on critical literacy as meaning-making, accommodating diverse students including English language learners and students with special needs. 4 seminars.

EDUC 522. Advanced Classroom Pedagogy. 4 units  
Term Typically Offered: SP  
Prerequisite: Graduate standing.  
Principles of authentic pedagogy and development of a classroom learning community. Examination of the role of classroom culture and advanced instructional strategies to foster conceptual development and disciplinary ways of knowing in diverse classrooms. 4 seminars.

EDUC 523. Integrative Approaches to Curriculum. 4 units  
Term Typically Offered: W  
Prerequisite: Graduate standing.  
Perspectives, principles and practices for designing curriculum to foster authentic instruction using integrative approaches. Emphasis on designing for the development of multiple literacies. 3 seminars, 1 activity.

EDUC 528. Advanced Classroom Pedagogy in English Language Arts. 4 units  
Term Typically Offered: F  
Prerequisite: Graduate standing.  
The relationship between theory, research and practice in English Language Arts. Emphasis is on reading processes and principles and advanced teaching practices for the English Language Arts with attention to working with diverse students including English language learners and students with special needs. 4 seminars.

EDUC 531. Social Justice in Education: In & Out of the Classroom. 4 units  
Term Typically Offered: SP  
Prerequisite: Admission to a School of Education Master's program.  
Examines social justice education approaches inside and outside the classroom. Prepares graduate students to develop an action-oriented project that includes strategies for advocating for marginalized students. 3 seminars, 1 activity.
EDUC 532. Advanced Field Experiences in Education. 2-6 units
CR/NC
Term Typically Offered: F, W, SP
Prerequisite: Admission to a School of Education Master's program.

Advanced field experience and practical application of master's degree emphasis for general and special education teachers, school administrators and school support personnel. Total credit limited to 12 units for specialist credentials. Total credit limited to 6 units for the master's degree. Credit/No Credit grading only.

EDUC 535. Advanced Classroom Pedagogy in Mathematics Education. 4 units
Term Typically Offered: W
Prerequisite: Admission to a School of Education Master's program.

Standards-based principles and advanced pedagogical practices for mathematics instruction in diverse classroom settings. 4 seminars.

EDUC 536. Advanced Classroom Pedagogy in Elementary Science Education. 4 units
Term Typically Offered: TBD
Prerequisite: Graduate standing.

Perspectives, principles and advanced practices for instruction geared to the Next Generation Science Standards at the elementary level. Emphasis on strategies to support elementary students in substantive conversation in a learning community and higher-order thinking and activity common to the practice of science/engineering. 4 seminars.

EDUC 542. Administration of Special Programs and Services. 4 units
Term Typically Offered: W, SP
Prerequisite: Graduate standing and consent of instructor.

Principles and practices of organizing and administering special education, reading, counseling, and other support programs. Assessment and placement procedures, middle management's role, overview of specially funded programs, historical precedents and future trends. 3 seminars, 1 activity.

EDUC 544. Advanced Collaboration and Consultation for Teachers of Students with Special Needs. 5 units
Term Typically Offered: TBD
Prerequisite: Admission into the Level I Special Education Credential Program and master's degree program in education.

Advanced studies and skills in educational consultation. Emphasis on the collaborative and consultative role of the special educator with a wide range of individuals from diverse cultural backgrounds including school personnel, parents, outside agencies, and paraprofessionals. 3 seminars, 2 activities.

EDUC 546. Reading and Language Arts Instruction in Special Education. 5 units
Term Typically Offered: F
Prerequisite: Admission into the Level I Special Education Credential Program and master's degree program in education.

Overview of principles of reading instruction, elements of the language arts program including literature-based reading, content area reading, and the role of phonics, emergent literacy, and diagnosis of reading problems for special education teachers. 3 seminars, 2 activities.

EDUC 550. Assessment Strategies for Special Education. 5 units
Term Typically Offered: F
Prerequisite: Acceptance into Level I Special Education Credential Program and MA in Education, EDUC 440, EDUC 446.

Using norm referenced, criterion referenced, and curriculum based testing for assessing academic, behavioral, and physical status of individuals with exceptional needs, including English language learners, for referral purposes. Instructional and evaluation decisions regarding exceptional students in school settings. 3 seminars, 2 activities.

EDUC 552. Support and Transition Strategies in Special Education. 5 units
Term Typically Offered: W
Prerequisite: Acceptance into Level I Special Education Credential Program and MA in Education, EDUC 440, EDUC 446.

Basic guidance techniques for teachers working with exceptional individuals and their families. Career selection, preparation, and counseling. Transition from school to work, and community resource utilization. 3 seminars, 2 activities.

EDUC 553. Current Issues, Emerging Research and Practices in Special Education. 4 units
Term Typically Offered: TBD
Prerequisite: Admission to Level I Special Education Credential Program or masters degree program.

Consideration of assumptions and techniques of educational research regarding the educational, personal, social and vocational difficulties affecting the development of individuals with exceptional needs; emphasizing their applicability to general and specific educational programs. 4 seminars.

EDUC 554. Behavior Disorders and Positive Behavior Support Strategies. 5 units
Term Typically Offered: SP
Prerequisite: Acceptance into Level I Special Education Credential Program and MA in Education, EDUC 440, EDUC 446.

Assessment of students whose behavior impedes either their own learning or the learning of other students. Strategies for facilitating proactive educational, environmental and social-emotional techniques for supporting students with challenging behavior. 3 seminars, 2 activities.

EDUC 555. Introduction to the Counseling Profession. 4 units
Term Typically Offered: F
Prerequisite: Admission to MA Education program.

Overview of the counseling profession, history, philosophy, theory and ethics. Required activity. 3 seminars, 1 activity.

EDUC 556. Multicultural Counseling. 4 units
Term Typically Offered: W
Prerequisite: Admission to MA Education program.

Initiation of critical analysis of personal beliefs and attitudes regarding counseling in a diverse society. Focus on a variety of approaches to explore the beliefs and attitudes of the student in counseling settings, and examination of strategies considered effective in working with diverse populations. 3 seminars, 1 activity.
EDUC 557. Career Counseling. 4 units  
Term Typically Offered: SP  
Prerequisite: Admission to MA Education program.  
Focus on the study and application of career development theories in career counseling. Utilizing appraisal instruments, community referral resources, occupational information, computerized retrieval systems, and personal and social data and required activities. 3 seminars, 1 activity.

EDUC 560. Counseling Theories. 4 units  
Term Typically Offered: W  
Prerequisite: EDUC 555 and admission to MA Education program.  
Theories and practice of counseling with special emphasis on the counseling process. Emphasis of conditions of counseling, counseling techniques, counseling diverse populations and the counselor as a professional helper. 3 seminars, 1 activity.

EDUC 561. Group Counseling. 4 units  
Term Typically Offered: F  
Prerequisite: EDUC 555, EDUC 560 or consent of instructor.  
Theory and practice of group counseling, client selection, group structure, process and termination, and application of theories to specific developmental groups. Communication and facilitation skills emphasized with relevant ethics and law. 3 seminars, 1 activity.

EDUC 562. Student Development - Higher Education. 4 units  
Term Typically Offered: F  
Prerequisite: Admission to MA Education program.  
Exploration of the roles and competencies of the student development specialist in higher education. Review of relevant developmental theory with emphasis on practical implementation. Explore current issues and trends in higher education, and organizational framework. 4 seminars.

EDUC 564. Legal and Ethical Issues in Counseling. 4 units  
Term Typically Offered: W  
Prerequisite: Admission to MA Education Program.  
Consideration of legal, ethical, cultural and related professional issues as they affect the practice of counseling. 3 seminars, 1 activity.

EDUC 565. Counseling Measurement and Assessment. 4 units  
Term Typically Offered: SP  
Prerequisite: Admission to MA Education Program, Counseling and Guidance Specialization.  
Training and evaluation in the utilization of tests, scales, measures, and other instruments with K-12, and college-age students. An understanding of culturally appropriate tests and measures, collaboration with school personnel, parents, and students in the review and interpretation of test scores and measures. 3 seminars, 1 activity.

EDUC 566. Leadership and Consultation in Counseling. 4 units  
Term Typically Offered: SP  
Prerequisite: Admission to MA Education Program.  
Development of skills in planning, organizing, coordinating, and delivering programs that generate systemic change through establishing collaboration within schools, communities and other stakeholders. Emphasis on social action and its role in the counseling profession. 3 seminars, 1 activity.

EDUC 568. Individual Counseling Techniques. 4 units  
Term Typically Offered: SP  
Prerequisite: Admission to MA Education Program, Counseling and Guidance Specialization.  
Theory and practice of individual counseling, process and termination, and application of theories to specific developmental issues working with K-12 students. Communication and facilitation skills emphasized, working with diverse populations and following legal and ethical guidelines. 3 seminars, 1 activity.

EDUC 570. Selected Advanced Topics. 1-4 units  
Term Typically Offered: TBD  
Prerequisite: Graduate standing or consent of instructor.  
Directed group study of selected topics for graduate students. Open to undergraduate and graduate students. The Class Schedule will list topic selected. Total credit limited to 8 units. 1 to 4 lectures.

EDUC 573. Field Experience, Counseling. 1-12 units  
CR/NC  
Term Typically Offered: F, W, SP  
Prerequisite: EDUC 555, EDUC 560 and Advancement to Candidacy.  
Practical application of guidance services and counseling in public schools, colleges and community settings. Seminars with university staff included. Total credit limited to 24 units. Credit/No Credit grading only. Maximum of 12 units may be applied toward MA Education.

EDUC 586. Introduction to Inquiry in Education. 4 units  
Term Typically Offered: F  
Prerequisite: Admission to a School of Education Master's Program.  
Explanation of social construction of knowledge, and the philosophical basis of quantitative and qualitative research. Introduction to professional literature search techniques and to professional organizations as a basis for educational inquiry. The Class Schedule will list topic selected. Total credit limited to 12 units. 3 seminars, 1 activity.

EDUC 587. Educational Foundations and Current Issues. 4 units  
Term Typically Offered: F, SU  
Prerequisite: Admission to a School of Education Master's Program.  
Historical, organizational, legal and philosophical characteristics of education in the United States. Emphasis on the analysis of contemporary issues focusing on these characteristics. The Class Schedule will list topic selected. Total credit limited to 12 units. Course may be offered in classroom-based or online format. 4 seminars.

EDUC 588. Education, Culture, and Learning. 4 units  
Term Typically Offered: F, W, SP  
Prerequisite: Admission to School of Education Master’s Program.  
Cultural characteristics of educational institutions and practice. Review of theory and research relating to the social and organizational context in which learning and teaching takes place. The Class Schedule will list topic selected. Total credit limited to 12 units. 4 seminars.
EDUC 589. Educational Research Methods. 4 units
Term Typically Offered: W, SP
Prerequisite: Admission to a School of Education Master’s Program.

Educational research methodologies, application of inferential and descriptive statistics, critical analysis of research designs and data collection techniques. The Class Schedule will list topic selected. Total credit limited to 12 units. 3 seminars, 1 activity.

EDUC 590. Research Application in Education. 4 units
Term Typically Offered: SU
Prerequisite: EDUC 589.

Application of social science research techniques to problems in education and human services. Capstone experience for the School of Education master’s inquiry course sequence. Completion of an inquiry project required. 2 seminars, 2 activities.

EDUC 598. Action Research Project in Education. 1-3 units
CR/NC
Term Typically Offered: F
Prerequisite: EDUC 589.

Completion and presentation of the results of an action research project that addresses a meaningful question in the practice of education. Total credit limited to 6 units. Credit/No Credit grading only.

EDUC 599. Thesis in Education. 3 units
Term Typically Offered: TBD
Prerequisite: Consent of graduate committee and supervising faculty member(s).

Completion of a thesis pertinent to the field of education. Student must register for each quarter of advisement. Total credit limited to 6 units.