

EDUC-EDUCATION

EDUC 1110. Freshman Orientation

1 Credit (1)

Introduction to the university and to the College of Education. Discussion of planning for individualized education program and field experience. Restricted to Las Cruces campus only.

EDUC 1120. Introduction to Education

2 Credits (2)

Introduction to the historical, philosophical, sociological foundations of education, current trends, and issues in education; especially as it relates to a multicultural environment. Students will use those foundations to develop effective strategies related to problems, issues and responsibilities in the field of education. Restricted to Las Cruces campus only.

EDUC 1140. Math for Paraprofessionals

3 Credits (3)

Applied math skills for paraprofessionals working with children.

Prerequisite: CCDM 103 N.

EDUC 1150. Math for Paraprofessionals II

3 Credits (3)

Applied math skills for paraprofessionals working under the direction of a teacher.

Prerequisite(s): EDUC 1140.

EDUC 1185. Introduction to Secondary Education and Youth

3 Credits (3)

Introductory course for students considering a career in secondary education. Includes historical, philosophical, and sociological foundations, program organization, critical dispositions, and understanding the context of schools and youth. Practicum required. Restricted to: Secondary Ed majors. Traditional Grading with RR.

EDUC 1995. Field Experience I

1 Credit (1)

Introduction to public school teaching, school visits, classroom observations and discussion seminar.

EDUC 1996. Special Topics in Education

1 Credit (1)

Supervised study in a specific area of interest. Each course shall be designated by a qualifying subtitle. May be repeated for a maximum of 9 credits.

EDUC 1998. Internship I

3 Credits (3)

Supervised experience in elementary education settings.

EDUC 2710. Pre-Teacher Preparation

3 Credits (3)

Assists students in developing the necessary competencies needed for acceptance to the Teacher Education Program. Course content includes basic skill development, test taking skills, and completion of teacher preparation packet. Maybe repeated for a maximum of 6 credits. Graded S/U. Community Colleges only.

EDUC 2998. Internship II

3 Credits (3)

Supervised experience in junior high settings.

Prerequisite: must be a co-op student.

EDUC 302. Internship III

3 Credits (3)

Student teaching in public school classroom according to major area of interest.

EDUC 315. Multicultural Education

3 Credits (2+2P)

The conceptual manifestations of culture, race and ethnicity, class, gender, sexual orientation, exceptionalities, language, bilingualism, and global citizenship within the schooling process. May be repeated up to 3 credits. Crosslisted with: EDUC 317V.

EDUC 317V. Multicultural Issues in Society

3 Credits (3)

Conceptual manifestations of culture, race, ethnicity, class, gender, exceptionalities, language, and bilingualism within and across society. Crosslisted with: EDUC 315.

EDUC 381. Secondary Field Experience

3 Credits (2+2P)

Develop professional skills, dispositions, and understanding of secondary bilingual youth, content, and pedagogy through discussion seminar and interactions with public education mentor teachers. Focused observations, study of classroom language and culture, introduction to lesson planning and student assessment. Requires 32 hours of practicum field experience. Same as EDUC 303. May be repeated up to 3 credits. Crosslisted with: BLED 303.

EDUC 395. Special Topics in Education

1-3 Credits

Offered under various subtitles in the Schedule of Classes. May be taken for a maximum of 3 cr. per semester and a total of 6 credits overall.

EDUC 402. Data Literacy and Assessment

3 Credits (3)

Methods for selecting, constructing, and using multiple methods of assessment to monitor learner progress and improve student learning. Students will learn to analyze and use classroom and standardized assessment data to understand patterns and gaps in learning, to guide planning and instruction, and employ technology to support practice. May be repeated up to 6 credits.

EDUC 451. Methods of Teaching Elementary School Science

3 Credits (2+2P)

Methods and materials for teaching elementary school science. Includes components of lessons and the use of multimedia. May be repeated up to 3 credits. Restricted to: TEP-EED majors.

Prerequisite(s): 9 hours of science from biology, chemistry, physics, and earth sciences, with no more than 3 hours from any one department.

EDUC 452. Methods of Teaching Elementary School Mathematics

3 Credits (3)

Content, theories of cognition, and instructional approaches for the teaching of mathematics in the elementary grades.

Prerequisite(s): MATH 1134.

EDUC 454. Methods of Teaching Elementary School Social Studies

3 Credits (2+2P)

Focus on social studies curriculum and instruction including student-centered approaches, active learning, educational technology, nontextual curriculum, integration, multicultural education, authentic assessment, and practical applications. May be repeated up to 3 credits. Restricted to: TEP-EED majors.

**EDUC 460. Teaching Language Arts at the Middle and High School Level
3 Credits (2+2P)**

Implications of cognition and language development for appropriate secondary instructional practices. Focus on construction of meaning, student-centered response to literature, writing process, print and oral language development, based on socio-psycholinguistic research and theory. Practicum required. Same as EDUC 560. May be repeated up to 3 credits. Restricted to: TEP-SED majors.

**EDUC 461. Teaching Social Studies at the Middle and High School Level
3 Credits (2+2P)**

Integrating content knowledge and pedagogy for the middle and high school teacher in social studies. The focus will be on a variety of instructional strategies and pedagogical skills that will enhance the learning of social studies. Practicum required. Same as EDUC 561. May be repeated up to 3 credits. Restricted to: TEP-SED majors.

**EDUC 462. Teaching Mathematics at the Middle and High School Level
3 Credits (2+2P)**

Integrating content knowledge and pedagogy for the middle and high school teacher in mathematics. The focus will be on a variety of instructional strategies and pedagogical skills that will enhance the learning of mathematics. Practicum required. Same as EDUC 562. May be repeated up to 3 credits. Restricted to: TEP-SED majors.

**EDUC 463. Teaching Science at the Middle and High School Level
3 Credits (2+2P)**

Integrating content knowledge and pedagogy for the middle and high school teacher in science. The focus will be on a variety of instructional strategies and pedagogical skills that will enhance the learning of science for students in grades 6-12. Practicum required. Same as EDUC 563. May be repeated up to 3 credits. Restricted to: TEP-SED majors.

**EDUC 470. Elementary Student Teaching
9 Credits (9)**

Synthesis of knowledge and skills appropriate to teaching in elementary schools. May be repeated up to 9 credits. Restricted to: TEP-EED majors. Graded: S/U Grading (S/U, Audit).

**EDUC 471. Secondary Student Teaching
9 Credits (9)**

Synthesis of knowledge and skills appropriate to teaching in secondary schools. May be repeated up to 9 credits. Restricted to: TEP-SED majors. Graded: S/U Grading (S/U, Audit).

**EDUC 475. Contemporary Issues in Education
3 Credits (2+2P)**

Discussion of contemporary issues including: classroom management, motivation, conferences, professional organizations, professional ethics, community influences, cultural pluralism, reform movements, instructional influences, and educational technology. Requires field experience component in a school or community setting. Same as EDUC 575. May be repeated up to 3 credits. Restricted to: TEP-SED majors.

**EDUC 476. Science for Educators
3 Credits (3)**

This course will focus on the exploration of key central science concepts and how to connect learners to resources, tools of inquiry, and collaborative problem solving related to authentic local and global issues in classroom, lab, and digital science environments. Topics include: The nature of science, Physical Science, Life Science, Earth and Space Science.

**EDUC 480. International Student Teaching Seminar
1 Credit (1)**

Preparation for students planning to teach in an international setting. **Prerequisite:** Must be scheduled one semester before graduation.

**EDUC 481. Elementary Student Teaching Seminar
3 Credits (3)**

Discussion of elementary school issues related to student teaching. Taken concurrently with EDUC 470. May be repeated up to 3 credits. Restricted to: TEP-EED majors.

**EDUC 482. Middle and High School Student Teaching Seminar
3 Credits (3)**

Discussion of secondary school issues related to student teaching. Taken concurrently with EDUC 471. May be repeated up to 3 credits. Restricted to: TEP-SED majors.

**EDUC 489. Topics
1-3 Credits**

Offered under various subtitles which indicate the subject matter to be covered. A maximum of 3 credits in any one semester and a grand total of 3 credits. May be repeated up to 3 credits. Consent of Instructor required. Restricted to: TEP-SPED majors.

**EDUC 495. Directed Study Courses in Education
1-3 Credits**

Each course shall be identified by a qualifying subtitle. Maximum of 3 credits in any one semester and a grand total of 6 credits.

**EDUC 501. Special Topics
1-3 Credits**

Course subtitled in the Schedule of Classes. A maximum of 3 credits per semester and a total of 6 credits overall.

**EDUC 505. Classroom Management
3 Credits (3)**

Strategies for managing classroom settings and determining appropriate modification of instructional approaches to meet changing classroom situations.

**EDUC 509. Teaching Methods Laboratory
3 Credits (3)**

Practical application of previously learned content.

Prerequisite(s): Bachelors degree and admission to the Graduate School and departmental special program.

**EDUC 510. Internship/Student Teaching
3 Credits (3)**

Integrated with EDUC 509. Student is assigned to an elementary or secondary classroom for 14-16 weeks. Elementary or secondary.

Prerequisite(s): EDUC 509.

**EDUC 515. Multicultural Education
3 Credits (2+2P)**

Conceptual manifestations of culture, race, and ethnicity, class, gender, exceptionalities, language and bilingualism within the schooling process. Same as EDUC 315 with differentiated assignments for graduate students.

**EDUC 516. Curriculum and Pedagogy I
3 Credits (3)**

Introduction, reconstruction, and other connections among historical, philosophical, sociocultural, psychological, and theoretical foundations of curriculum and pedagogy and their application to culturally and linguistically diverse teaching and learning settings.

EDUC 518. Technology and Pedagogy**3 Credits (3)**

Critical analysis, design, and evaluation of computer-based technologies in teaching and learning for diverse communities. May be repeated up to 3 credits.

Prerequisite(s): Graduate standing.

EDUC 519. Research in Curriculum and Pedagogy**3 Credits (3)**

An introduction to qualitative and quantitative designs for research in curriculum and instruction, with emphasis on action research.

EDUC 520. Action Research Projects**3 Credits (3)**

Deeper explorations and connections among foundations of curriculum and pedagogy and their application to culturally and linguistically diverse teaching and learning settings through action research projects, approaches to assessment, and agency.

Prerequisite(s): EDUC 515, 516, 518 & 519.

EDUC 530. Exploration in Education**3 Credits (3+3P)**

Overview of elementary and secondary schooling. Includes opportunities to gain teaching experience in diverse settings.

EDUC 537. Independent Readings**1-3 Credits**

Each project will be designated by a qualifying subtitle.

EDUC 550. Methods of Teaching Early Childhood Education**3 Credits (3)**

Characteristics of the young child, play, guidance, communication, methods, materials, models, issues. Same as EDUC 450 with differentiated assignments for graduate students.

EDUC 551. Methods of Teaching Elementary School Science**3 Credits (2+2P)**

Methods and materials for teaching elementary school science. Includes components of lessons, planning and teaching lessons in schools, and multimedia. Students should have 9 hours of science from biology, chemistry, physics, and earth science with no more than 3 hours from any one department to enroll in this course. Same as EDUC 451 with differentiated assignments for graduate students.

Corequisite(s): ECED 550; EDUC 552; RDG 560.

EDUC 552. Methods of Teaching Elementary School Mathematics**3 Credits (2+2P)**

Content, theories of cognition, and instructional approaches for the teaching of mathematics in the elementary grades. Same as EDUC 452 with differentiated assignments for graduate students.

Prerequisite(s): MATH 1134.

Corequisite(s): ECED 550; EDUC 551; RDG 560.

EDUC 553. Methods of Teaching Elementary School Language Arts**3 Credits (2+2P)**

Implications of language acquisition and development for instructional practices. Focus on student-centered response to literature, writing process, whole language learning, based on socio-psycholinguistic theory and research. Same as EDUC 453 with differentiated assignments for graduate students.

Corequisite(s): EDUC 554; EDUC 555; RDG 561.

EDUC 554. Methods of Teaching Elementary School Social Studies**3 Credits (2+2P)**

Focus on social studies curriculum and instruction including student-centered approaches, active learning, educational technology, nontextual curriculum, integration, multicultural education, authentic assessment, and practical applications. Same as EDUC 454 with differentiated assignments for graduate students.

Corequisite(s): EDUC 553; EDUC 555; RDG 561.

EDUC 557. Science and Math Methods: Internship**3 Credits (3)**

Elementary alternative licensure process course designed to introduce intern licensed teachers to methods of instruction for mathematics and science. University supervision provided simultaneously with EDUC 557. Restricted to CI and HSS non-degree students.

EDUC 558. Social Studies/Language Arts Methods Internship**3 Credits (3)**

Elementary alternative licensure process course designed to introduce intern licensed teachers to methods of instruction of social studies and language arts. University supervision provided simultaneously with EDUC 558. Restricted to CI and HSS non-degree students.

EDUC 560. Teaching Language Arts at the Middle and High School Level**3 Credits (2+2P)**

Implications of cognition and language development for appropriate secondary instructional practices. Focus on construction of meaning, student-centered response to literature, writing process, print and oral language development, based on socio-psycholinguistic research and theory. Practicum required. Same as EDUC 460 with differentiated assignments for graduate students. **Prerequisite(s):** TEP required EDUC 515 & EDUC 530.

EDUC 561. Teaching Social Studies at the Middle and High School Level**3 Credits (2+2P)**

Integrating content knowledge and pedagogy for the middle and high school teacher in social studies. The focus will be on a variety of instructional strategies and pedagogical skills that will enhance the learning of social studies for student in grades 6-12. Practicum required. Same as EDUC 461 with differentiated assignments for graduate students. **Prerequisite(s):** TEP required EDUC 515 & EDUC 530.

EDUC 562. Teaching Mathematics at the Middle and High School Level**3 Credits (2+2P)**

Integrating content knowledge and pedagogy for the middle and high school teacher in mathematics. The focus will be on a variety of instructional strategies and pedagogical skills that will enhance the learning of students in 6-12 setting settings for mathematics. Same as 462 with differentiated assignments for graduate students.

Prerequisite(s): TEP required EDUC 515 & EDUC 530.

EDUC 563. Teaching Science at the Middle and High School Level**3 Credits (2+2P)**

Integrating content knowledge and pedagogy for the middle and high school teacher in science. The focus will be on a variety of instructional strategies and pedagogical skills that will enhance the learning of science for student in grades 6-12. Practicum required. Same as EDUC 463 with differentiated assignments for graduate students.

Prerequisite(s): TEP required EDUC 515 & EDUC 530.

EDUC 571. Elementary Mathematics Development I**3 Credits (3)**

Understanding of the research on elementary development of mathematics and its application in the classroom. Focus on how elementary students come to understand counting, the base 10 number system, and connections between early number understanding, geometric representations, fractions, and operations in later grades. Course assignments require working with elementary students. Consent of Instructor required. Restricted to: Master of Arts in Education: Elementary Mathematics and Science majors.

EDUC 572. Elementary Science Development**3 Credits (3)**

Understanding of the research on elementary development of science and its application in the classroom. Focus on how elementary students come to understand topics in the physical sciences, life sciences, and earth and space sciences. Includes applications to engineering and technology. Course assignments require working with elementary students. Consent of Instructor required. Restricted to: Master of Arts in Education: Elementary Mathematics and Science majors.

EDUC 573. Elementary Science Development**3 Credits (3)**

Understanding of the research on elementary development of science and its application in the classroom. Focus on how elementary students come to understand topics in the physical sciences, life sciences, and earth and space sciences. Includes applications to engineering and technology. Course assignments require working with elementary students. Consent of Instructor required. Restricted to: Master of Arts in Education: Elementary Mathematics and Science majors.

EDUC 577. Leadership Advocacy in Elementary Mathematics and Science**3 Credits (3)**

This course focuses on development of elementary mathematics and science specialists' leadership qualities necessary to promote and advocate for positive change through active participation with other professionals and in their own professional growth that draws upon current research in their respective fields, development of professional development programs, evaluation of educational structures that impact equitable access to high quality instruction, and communication with stakeholders directly and indirectly associated with education institutions. Consent of Instructor required. Restricted to: Master of Arts in Education: Elementary Mathematics and Science majors.

EDUC 590. TESOL Practicum**3 Credits (3)**

Classroom applications of ESL literacy development through supervised teaching experiences accompanied by a seminar. Same as RDG 590.

EDUC 595. Directed Study Courses in Education**1-3 Credits**

Each course will be identified by a qualifying subtitle. Maximum of 3 credits in any one semester and a total of 6 credits overall.

EDUC 597. Capstone Research Project**1-3 Credits (1-3)**

Capstone project. Maximum of 3 credits per semester and a total of 6 credits overall. Consent of Instructor required. Restricted to: Admittance into the Master of Arts in Education: Elementary Mathematics and Science program; Instructor Approval Needed majors.

EDUC 598. Special Research Programs**1-3 Credits**

Individual investigations either analytical or experimental. Maximum of 3 credits per semester and a total of 6 credits overall.

EDUC 599. Master's Thesis**15 Credits**

Thesis.

EDUC 600. Doctoral Research**1-15 Credits**

Research.

EDUC 601. Contemporary Curriculum/Instruction Practices**1-3 Credits**

Course subtitled in the Schedule of Classes. A maximum of 3 credits per semester and a total of 6 credits overall.

EDUC 602. Internship in Curriculum and Instruction**3-6 Credits**

For those pursuing an advanced graduate degree to meet the requirement for field work. Each course to bear an appropriate subtitle.

EDUC 603. Curriculum for a Diverse Society**3 Credits (3)**

Builds upon knowledge of the foundations of curriculum and professional experience in an educational setting. Focus on the role of the curriculum leader in understanding curriculum theory, designing curriculum, and implementing curriculum in various settings.

EDUC 604. Pedagogy of Learning in a Diverse Society**3 Credits (3)**

Builds upon knowledge of the foundations of instruction and professional experience in teaching and learning. Focus on diverse theories of instruction with relevant practices in pluralistic settings and multicultural interactions of teaching and learning.

EDUC 605. Independent Study Topics**1-3 Credits**

A problem and seminar course for those pursuing an advanced graduate degree. Course subtitled in the Schedule of Classes.

EDUC 606. Qualitative Research I**3 Credits (3)**

This course offers an examination of qualitative research approaches used in educational and social settings, with a focus upon research design, field relations, data collection and analysis, and writing from a qualitative perspective. May be repeated up to 3 credits.

EDUC 607. Current Research in Educational Practice**3 Credits (3)**

A seminar for doctoral and education specialist students emphasizing current research and educational practices. Same as BLED 607, ECED 607, RDG 607, and SPED 607.

EDUC 608. Issues in Multicultural Curriculum and Instruction and Teacher Education**3 Credits (3)**

Builds upon multicultural theories and practices of teacher education. Restricted to doctoral-level students of any major.

EDUC 613. Evaluation of Quantitative Research in Education**3 Credits (3)**

A doctoral-level exploration of a broad range of quantitative research designs and methodologies for collection and analysis of data as applied to critical review of the literature. May be repeated up to 3 credits.

EDUC 623. Curricular Mediation for Democratic Communities**3 Credits (3)**

Problematization of the various relationships, roles, and leadership considerations which emerge within educational institutions, their structures, and their culturally democratic practices in the classroom, community, and society. Restricted to doctoral-level students of any major. Same as BLED 623, ECED 623.

EDUC 630. Critical Race Theory & Storytelling in Educational Spaces**3 Credits (3)**

An upper-level doctoral course focusing on the philosophical, theoretical, and methodological origins and practices of CRT and the sister frameworks that emerged from CRT, i.e., AsianCrit, BlackCrit, FemCrit, LatCrit, QueerCrit, TribalCrit, and WhiteCrit within educational spaces.

EDUC 633. Praxis and Reflexivity**3 Credits (3)**

The cyclical research processes of continuous self and systemic (re)evaluation vis-a-vis classroom, community, and society with an eye toward reflection, growth, change, and larger forms of social agency. Restricted to doctoral-level students of any major. Same as BLED 633, ECED 633, EDLT 633, RDG 633.

EDUC 634. Research as Praxis**3 Credits (3)**

Alternative community-or-school-based research aimed at investigating and transforming educational realities, with the participants for their own benefit. Students will experience the dynamic between research theory and practice in education. Crosslisted with: BLED 634, EDLT 634 and RDG 634. Restricted to: EDUC,C I,C ID majors.

Prerequisite(s): EDUC 576 and EDUC 613.

EDUC 635. Critical Theory and Pedagogy**3 Credits (3)**

Covers the various schools of thought on pedagogy, the historical and philosophical foundations embedded in these schools, and their impact on educational settings. Restricted to doctoral-level students of any major. Same as BLED 635.

EDUC 636. Advanced Statistics**3 Credits (3)**

An intermediate course focusing on more advanced theories and techniques of inferential statistics as applied to education and psychology. Includes ANOVA, planned contrasts, ANCOVA, simple regression, and non-parametrics. A computer package will be the primary tool for data analysis. Crosslisted with: CEPY 636.

Prerequisite(s): EDUC 613 or equivalent course work.

EDUC 637. Social Justice Issues in Education**3 Credits (3)**

Covers the systems of oppression located within the constructs of power and hegemony and their impact on schooling. Restricted to doctoral-level students of any major. Same as BLED 637.

EDUC 685. Practicum**2-6 Credits**

Provision for field inquiries and experiences designed to prepare the doctoral student for assuming responsibilities in the areas of curriculum and instruction.

Prerequisite: post-master's standing.

EDUC 694. Dissertation Seminar**3 Credits (3)**

Dissertation seminar course for doctoral students utilizing a qualitative research design. May be repeated up to 3 credits. Consent of Instructor required. Restricted to: C ID,EDUC majors.

EDUC 698. Selected Topics**1-6 Credits**

Offered under various subtitles which indicate the subject matter to be covered. A maximum of 6 credits per semester and a total of 6 credits overall.

EDUC 699. Ed.S. Thesis**1-15 Credits**

Offered primarily for those pursuing the research requirements for the Ed.S. degree. Course may be repeated up to a maximum allowed for this degree. Each research project will be designated by a qualifying subtitle.

EDUC 700. Doctoral Dissertation**15 Credits**

Dissertation.