

# TEACHING, LEARNING AND TEACHER EDUCATION (TEAC)

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## TEAC 161 Teaching Matters

**Prerequisites:** Restricted to secondary teacher education majors

**Description:** Designed to introduce critical issues, responsibilities, roles, and identities to secondary education majors through school site visits, lectures, and inquiry into what it means to be a secondary school teacher.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

## TEAC 197 Professional Practicum Experiences

**Description:** Guided participation in schools and/or selected agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**Prerequisite for:** TEAC 304

## TEAC 197Q Professional Practicum Experiences - Middle Level

**Description:** Guided participation in schools and/or selected agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**Prerequisite for:** TEAC 304

## TEAC 210 Introduction to Industrial Education

**Description:** Certification, employment potential, terminology, publications, resources, and introduction to the trends, philosophies, methods, and approaches to contemporary industrial education programs.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

## TEAC 213 Education and Migration

**Crosslisted with:** ANTH 213

**Notes:** A required, introductory, pre-professional course for teaching endorsement in English as a Second Language.

**Description:** Introduction to research in education about migratory, displaced, immigrant, and refugee populations in the United States and elsewhere in the world; Examination of the intersection of migration, education, family, youth cultures, language use, pedagogy, literacies, policy, and transnationalism as key concepts for the 'glocal' activities in which human beings participate in everyday life.

**Credit Hours:** 3-4

**Min credits per semester:** 3

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** LEC

## TEAC 229 Career and Technical Education: Applications Software

**Description:** Development of strategies for using various application software packages in Career and Technical Education classrooms.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

## TEAC 259 Instructional Technology

**Description:** Development of understanding related to theories and applications of technology use in K12 classrooms and Speech Language Pathology settings. Guided learning experiences, professional learning networks, human centered design, learning theory, web and mobile applications, portfolios, and education technology at the intersection of race, gender, and class.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**ACE:** ACE 2 Communication Competence

## TEAC 259A Instructional Technology in Elementary Schools

**Prerequisites:** Admission to Elementary Teacher Education Program

**Notes:** Recommended parallel with TEAC 297B, TEAC 308, and MATH 300.

**Description:** Development of strategies for using technology to support K-12 classroom instruction. Internet resources, applications software, and authoring programs.

**Credit Hours:** 2

**Max credits per semester:** 2

**Max credits per degree:** 2

**Format:** LEC

## TEAC 259B Practicum in Instructional Technology

**Prerequisites:** Acceptance into the Teacher Elementary Education Program.

**Notes:** Recommended parallel with TEAC 397A.

**Description:** Practicum in Instructional Technology is a course aimed at supporting pre-service teachers in their efforts to integrate computers, mobile devices, multimedia, and other technological tools to enhance the teaching and learning process.

**Credit Hours:** 1

**Max credits per semester:** 1

**Max credits per degree:** 1

**Format:** FLD

## TEAC 297 Professional Practicum Experiences II

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth. An accompanying seminar is included where the professional role of the teacher is discussed.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 12

**Format:** FLD

**TEAC 297A Professional Practicum Experiences II Elementary**

**Notes:** Parallel EDPS 250

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**Prerequisite for:** SPED 454

**TEAC 297B Professional Practicum Experiences II Elementary**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**Prerequisite for:** TEAC 297E; TEAC 307; TEAC 311; TEAC 313

**TEAC 297E Practicum in Teaching English Language Learners in Elementary Schools**

**Prerequisites:** Acceptance to the Elementary Education Program. Parallel with TEAC 297B, 308, 317, and MATH 300.

**Description:** This practicum accompanies TEAC 317, Teaching English Language Learners in Elementary Schools and is an introduction to teaching ESL in elementary classrooms. It is fifteen hours of observation and participation in classrooms that enroll English language learners.

These classrooms may be general education classrooms and/or self-contained (English as a second language) classrooms as site assignments dictate.

**Credit Hours:** 1

**Max credits per semester:** 1

**Max credits per degree:** 1

**Format:** FLD

**Offered:** FALL/SPR

**TEAC 297I Professional Practicum Experiences II Secondary Art**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**TEAC 297J Professional Practicum Experiences II Secondary Business Education**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**TEAC 297M Professional Practicum Experiences II Secondary Industrial Education**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**TEAC 297N Professional Practicum Experiences II Secondary Language Arts**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**TEAC 297O Professional Practicum Experiences II Secondary Marketing Education**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**TEAC 297P Professional Practicum Experiences II Secondary Mathematics**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**TEAC 297Q Professional Practicum Experiences II Middle Level**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**TEAC 297R Professional Practicum Experiences II Secondary Modern Languages**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**TEAC 297V Professional Practicum Experiences II Secondary Science**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**TEAC 297W Professional Practicum Experiences II Secondary Social Science**

**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.

**Description:** Guided participation/observation in schools/agencies offering programs for children/youth.

**Credit Hours:** 1-4

**Min credits per semester:** 1

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**TEAC 302 Children's Literature**

**Prerequisites:** Admission to the Elementary Teacher Education Program or the Inclusive Education Program.

**Description:** Reading in the broad field of children's literature. Survey of various genres; kinds of books; authors, poets, illustrators; historical development; contemporary topics and trends. Principles and practices in selection and adaptation of literature to the needs of the child.

Presentation and instructional methodology.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 304 Nursery and Pre-kindergarten Education**

**Prerequisites:** EDPS 362, TEAC 197 (1 cr) or permission.

**Description:** Curriculum materials and equipment; analysis of physical, mental, and emotional development. Records and participation with young children. Parent-teacher relationships.

**Credit Hours:** 2-3

**Min credits per semester:** 2

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 305 The Arts in the Elementary School Curriculum**

**Prerequisites:** Admission to the Elementary Teacher Education Program or the Inclusive Education Program

**Description:** Exploration and experiences with the arts. Supporting ways to include and promote the arts within the curriculum of the elementary school.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LAB

**TEAC 306 Teaching Art in the Elementary School**

**Prerequisites:** Admission to Elementary Teacher Education Program.

**Description:** The guidance of art through the elementary school in accordance with the growth and development of the child. Objectives, materials, and methods for meaningful teaching of art.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**Prerequisite for:** TEAC 406

**TEAC 307 Teaching Social Studies in the Elementary School**

**Prerequisites:** Admission to the Elementary Teacher Education Program; 6 hrs social sciences; TEAC 297B

**Description:** The role, content, materials, and trends of social studies in childhood education; selection and use of learning experiences; development of lesson plans and/or teaching unit.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 308 Teaching Mathematics in the Elementary School**

**Prerequisites:** Admission to the Elementary Teacher Education Program; Parallel MATH 300 and TEAC 297B

**Description:** Scope, content, and organization of the mathematics curriculum; development, use, and sources of instructional materials; teaching procedures.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**Prerequisite for:** MATH 300; TEAC 297E

**TEAC 311 Teaching Reading in the Elementary School**

**Prerequisites:** Admission to the Elementary Teacher Education Program; TEAC 297B; Parallel TEAC 397A

**Description:** Objectives, scope, content, and organization of the reading curriculum; methods of effective teaching; development, use, and sources of instructional materials.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 313 Teaching Language Arts in the Elementary School**

**Prerequisites:** Admission to the Elementary Teacher Education Program; TEAC 297B; Parallel TEAC 397A

**Description:** Theory and practice of teaching the language arts in the elementary school. Selection, construction, and use of instructional materials for and with elementary children.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 315 Teaching Science in the Elementary School**

**Prerequisites:** Admission to the Elementary Teacher Education Program; two courses in science; TEAC 297B

**Description:** Role, trends, content, and materials of science in childhood education. Development of science experiences for use with children.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 317 Teaching Multilingual Learners in Elementary School**

**Prerequisites:** Admission to a Teacher Education Program

**Notes:** Letter grade only

**Description:** Pedagogical, linguistic, and cultural issues in the education of multilingual learners in elementary school classrooms.

**Credit Hours:** 2

**Max credits per semester:** 2

**Max credits per degree:** 2

**Format:** LEC

**Prerequisite for:** TEAC 297E

**TEAC 323 Career and Technical Education: Multimedia Applications**

**Description:** Integrating instructional multi-media applications into Career and Technical Education courses.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 330 Multicultural Education**

**Crosslisted with:** ETHN 330

**Prerequisites:** Sophomore standing.

**Description:** Role of minority group status in American society. Ethnic minority group cultures, the existence of subcultures within the mainstream of society, women in the social setting, and their relationship to the American education process. Analytic methods of study.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**ACE:** ACE 9 Global/Diversity

**TEAC 331 School and Society**

**Prerequisites:** Sophomore standing.

**Description:** Questions of educational purpose and the complex relationship between school and society. Brings disciplinary resources to bear for developing interpretive, normative, and critical perspectives on education, inside and outside of schools.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**Prerequisite for:** MUED 282

**ACE:** ACE 8 Civic/Ethics/Stewardship

**TEAC 349 Seminar in Middle Level Education**

**Prerequisites:** Permission.

**Description:** Active involvement with the philosophy, duties and demands of middle level education. Discussions and readings relating to the professional role of middle level educators in a seminar setting.

**Credit Hours:** 1

**Max credits per semester:** 1

**Max credits per degree:** 3

**Format:** LEC

**TEAC 351 The Learner Centered Classroom**

**Notes:** Recommended parallel with TEAC 297A.

**Description:** Organizing the learning environment in a culturally and socially responsive classroom. Theory and practice of creating a cooperative community that fosters both social and academic development. Theoretical perspectives are linked to actual classroom experience.

**Credit Hours:** 2

**Max credits per semester:** 2

**Max credits per degree:** 2

**Format:** LEC

**TEAC 380 Health and Wellness the Elementary Classroom**

**Description:** The integration of elementary subjects through movement activities and the understanding of healthy concepts. Social skills, health, and mental revitalization for improved academic performance.

**Credit Hours:** 2

**Max credits per semester:** 2

**Max credits per degree:** 2

**Format:** LEC

**TEAC 397 Professional Practicum Experience III**

**Crosslisted with:** EDPS 397

**Prerequisites:** Admission to Teacher Education Program.

**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.

**Credit Hours:** 1-10

**Min credits per semester:** 1

**Max credits per semester:** 10

**Max credits per degree:** 10

**Format:** FLD

**TEAC 397A Professional Practicum Experience III Elementary**

**Prerequisites:** Admission to Teacher Education Program.

**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.

**Credit Hours:** 1-10

**Min credits per semester:** 1

**Max credits per semester:** 10

**Max credits per degree:** 10

**Format:** FLD

**TEAC 397D Professional Practicum Experience III: Unified Primary K-3**

**Crosslisted with:** EDPS 397D

**Prerequisites:** Admission to Teacher Education Program.

**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.

**Credit Hours:** 1-10

**Min credits per semester:** 1

**Max credits per semester:** 10

**Max credits per degree:** 10

**Format:** FLD

**Prerequisite for:** TEAC 416A; TEAC 416B

**TEAC 397I Professional Practicum Experience III Secondary Art**

**Prerequisites:** Admission to Teacher Education Program.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 397J Professional Practicum Experience III Secondary Business Education**

**Prerequisites:** Admission to Teacher Education Program.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 397L Professional Practicum Experience III Information Technology**

**Prerequisites:** Admission to Teacher Education Program.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 397M Professional Practicum Experience III Secondary Industrial Education**

**Prerequisites:** Admission to Teacher Education Program.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 397N Professional Practicum Experience III Secondary Language Arts**

**Prerequisites:** Admission to Teacher Education Program.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 397O Professional Practicum Experience III Secondary Marketing Education**

**Prerequisites:** Admission to Teacher Education Program.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 397P Professional Practicum Experience III Secondary Mathematics**

**Prerequisites:** Admission to Teacher Education Program.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 397Q Professional Practicum Experience III Middle Level**

**Prerequisites:** Admission to Teacher Education Program.  
**Notes:** An accompanying seminar is included where the professional role of the teacher is discussed.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 397R Professional Practicum Experience III Secondary Modern Languages**

**Prerequisites:** Admission to Teacher Education Program.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 397V Professional Practicum Experience III Secondary Science**

**Prerequisites:** Admission to Teacher Education Program.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 397W Professional Practicum Experience III Secondary Social Science**

**Prerequisites:** Admission to Teacher Education Program.  
**Description:** Guided observations and/or clinical experiences in schools and/or agencies offering programs for children and/or youth.  
**Credit Hours:** 1-10  
**Min credits per semester:** 1  
**Max credits per semester:** 10  
**Max credits per degree:** 10  
**Format:** FLD

**TEAC 399 Independent Study**

**Prerequisites:** Prior arrangement with and permission of individual faculty member.  
**Description:** Special research project or reading program under the direction of a staff member in the department.  
**Credit Hours:** 1-3  
**Min credits per semester:** 1  
**Max credits per semester:** 3  
**Max credits per degree:** 6  
**Format:** IND

**TEAC 402 Contemporary Children's Literature: Principles and Practices****Crosslisted with:** TEAC 802**Prerequisites:** TEAC 302 and successful completion of student teaching or permission.**Description:** Contemporary literature for children, all forms and genres; development of meaningful and creative learning activities for children; professional readings and research related to children's literature.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 403 Student Teaching Seminar****Prerequisites:** Parallel TEAC 497A (student teaching).**Description:** Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 403A Student Teaching Capstone Seminar****Prerequisites:** Parallel TEAC 497A**Notes:** Three seminars required per semester. Capstone seminar for the elementary education program. The capstone course will accompany the student teaching experience. This reflective study will be presented to peers and faculty in a conference format at the last seminar meeting. This conference format is intended to serve as a step in the transition from student to professional.**Description:** Examine and reflect on a theme with evidence from pre-service development and examine this topic through the entire length of coursework and field experiences.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**ACE:** ACE 10 Integrated Product**TEAC 403B Secondary Student Teaching Seminar****Prerequisites:** Must be admitted approved to student teach (enroll in TEAC 497)**Notes:** Course numbers and call numbers can be obtained from the appropriate subject matter adviser in the College Student Services Center.**Description:** The capstone course will consist of seminar sessions requiring broad knowledge of teaching by addressing salient issues that complement the pre-service teaching experience, Blackboard discussions, major writing assignments, and a scholarly presentation. Examine and reflect on the themes outlined in the TLTE 14 Dimensions of Teaching. Reflect on evidence from the whole pre-service development and examine it through the entire length of coursework and field experiences.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**ACE:** ACE 10 Integrated Product**TEAC 403I Student Teaching Seminar : Art K-12****Description:** Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 403N Student Teaching Seminar: Secondary Language Arts****Prerequisites:** Must enroll in both TEAC 403N (seminar) and TEAC 497N (student teaching)**Description:** Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 403P Student Teaching Seminar: Secondary Math****Prerequisites:** Must enroll in both TEAC 403P (seminar) and TEAC 497P (student teaching)**Description:** Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 403Q Student Teaching Seminar: Middle School****Description:** Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC

**TEAC 403R Student Teaching Seminar: Secondary Modern Language**

**Prerequisites:** Must enroll in both TEAC 403R (seminar) and TEAC 497R (student teaching)

**Description:** Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1-3

**Min credits per semester:** 1

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 403V Student Teaching Seminar: Secondary Science**

**Prerequisites:** Must enroll in both TEAC 403V (seminar) and TEAC 497V (student teaching)

**Description:** Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1-3

**Min credits per semester:** 1

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 403W Student Teaching Seminar: Secondary Social Science**

**Prerequisites:** Must enroll in both TEAC 403W (seminar) and TEAC 497W (student teaching)

**Description:** Analysis of the school programs. Education and curriculum, teacher certification, teach and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, method of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1-3

**Min credits per semester:** 1

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 406 Improvement of Instruction in Elementary School Art**

**Prerequisites:** 12 hrs education including TEAC 306 or equivalent; teaching experience or student teaching.

**Description:** Techniques, plans, and procedures for improving instruction in elementary school art. Current practices, issues, and trends; evaluation of instructional materials.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 408 Improvement of Instruction in School Mathematics**

**Crosslisted with:** TEAC 808

**Description:** Techniques, plans, and procedures for improving instruction in mathematics. Analysis of current instructional and supervisory practices. Evaluation of research and instructional materials.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**Prerequisite for:** TEAC 907

**TEAC 408A Improvement of Instruction in School Mathematics Primary: K-3**

**Crosslisted with:** TEAC 808A

**Description:** Techniques, plans, and procedures for improving instruction in mathematics. Analysis of current instructional and supervisory practices. Evaluation of research and instructional materials.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 408B Improvement of Instruction in School Mathematics**

**Elementary: 4-6**

**Crosslisted with:** TEAC 808B

**Description:** Techniques, plans, and procedures for improving instruction in mathematics. Analysis of current instructional and supervisory practices. Evaluation of research and instructional materials.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 408E Improvement of Instruction in School Mathematics**

**Secondary: 7-12**

**Crosslisted with:** TEAC 808E

**Description:** Techniques, plans, and procedures for improving instruction in mathematics. Analysis of current instructional and supervisory practices. Evaluation of research and instructional materials.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 408J Improvement of Instruction in School Mathematics Special Topics**

**Crosslisted with:** TEAC 808J

**Description:** Techniques, plans, and procedures for improving instruction in mathematics. Analysis of current instructional and supervisory practices. Evaluation of research and instructional materials.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 410 Educational Program for Kindergarten Children**

**Crosslisted with:** TEAC 810

**Description:** Recent developments in education of children and their bearing on the selection and guidance of appropriate activities and materials for the kindergarten. Related functions of home, school, and other educational agencies.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 411 Reading Processes and Practices****Crosslisted with:** TEAC 811**Description:** Overview of reading processes and programs with attention to strategies for comprehension and word identification, approaches, and materials. A. Teaching Reading B. Special Topics in Reading C. Response to Intervention - Reading**Credit Hours:** 1-6**Min credits per semester:** 1**Max credits per semester:** 6**Max credits per degree:** 6**Format:** LEC**TEAC 411A Teaching Reading****Crosslisted with:** TEAC 811A**Description:** Overview of reading processes and programs with attention to strategies for comprehension and word identification, approaches, and materials.**Credit Hours:** 1-6**Min credits per semester:** 1**Max credits per semester:** 6**Max credits per degree:** 6**Format:** LEC**TEAC 411B Special Topics in Reading****Crosslisted with:** TEAC 811B**Description:** Overview of reading processes and programs with attention to strategies for comprehension and word identification, approaches, and materials.**Credit Hours:** 1-6**Min credits per semester:** 1**Max credits per semester:** 6**Max credits per degree:** 6**Format:** LEC**TEAC 411C Response to Intervention - Reading****Crosslisted with:** TEAC 811C**Description:** Overview of reading processes and programs with attention to strategies for comprehension and word identification, approaches, and materials.**Credit Hours:** 1-6**Min credits per semester:** 1**Max credits per semester:** 6**Max credits per degree:** 6**Format:** LEC**TEAC 412 Improvement of Instruction in Elementary School Science****Crosslisted with:** TEAC 812**Prerequisites:** 12 hrs education including TEAC 315 or permission; teaching experience or student teaching**Description:** Techniques, plans, and procedures for improving instruction in elementary school science. Current practices, issues, and trends; evaluation of instructional materials.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 413 Studies in Teaching English as a Second Language****Crosslisted with:** TEAC 813**Description:** Preparation for teaching K-12 learners whose language of nurture is not English.**Credit Hours:** 1-15**Min credits per semester:** 1**Max credits per semester:** 15**Max credits per degree:** 15**Format:** LEC**TEAC 413A Second Language Acquisition****Crosslisted with:** TEAC 813A**Description:** Theoretical exploration of how second / additional languages are learned.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 413B ESL: Teaching and Curriculum****Crosslisted with:** TEAC 813B**Description:** Preparation for teaching K-12 learners whose language of nurture is not English**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 413D World Languages Assessment****Crosslisted with:** TEAC 813D**Description:** Preparation for teaching K-12 learners whose language of nurture is not English**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 413E Special Topics in TESOL****Crosslisted with:** TEAC 813E**Description:** Individual or group study of specific and timely topics in the teaching of English to speakers of other languages (TESOL)**Credit Hours:** 1-6**Min credits per semester:** 1**Max credits per semester:** 6**Max credits per degree:** 6**Format:** LEC**TEAC 413K Linguistics for Language Teachers****Crosslisted with:** TEAC 813K**Description:** An introduction to basic concepts in linguistics such as phonetics, phonology, morphology, syntax, semantics, neurolinguistics, discourse analysis and language variation. Designed for teachers (or future teachers) of English as an additional language, but also for world language teachers, classroom activities feature identifying theoretical underpinnings of practical language issues and connect them to questions language learners will have.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**Groups:** ESL and Linguistics



**TEAC 413M Teaching Multilingual Learners in Content Areas****Crosslisted with:** TEAC 813M**Notes:** Required for English Language Learner (ELL) certification.**Description:** Theory and pedagogy in the teaching of multilingual learners at all levels of K-12 education. Identify and design linguistically and culturally responsive instruction for multilingual learners in the content areas (e.g. language arts, science, mathematics, social sciences)**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 413P Teaching English as an International Language****Crosslisted with:** TEAC 813P**Description:** Methodologies for teaching English to speakers of other languages (TESOL) in domestic and international settings.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 416 Inclusive Early Childhood Methods****Crosslisted with:** TEAC 816**Prerequisites:** Admission to the Inclusive Early Childhood Teacher Education Program; CYAF 374 and CYAF 374L.**Description:** The creation and practice of developmentally appropriate instruction in curricular areas for K to 3rd grades. Role of the teacher and/or facilitator in relationship to the primary curriculum and learning environment.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 416A Literacy Methods for the Primary Student: K to 3rd****Prerequisites:** Parallel TEAC 397D.**Description:** The creation and practice of developmentally appropriate instruction in curricular areas for K to 3rd grades. Role of the teacher and/or facilitator in relationship to the primary curriculum and learning environment.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 416B Social Studies and Science Methods for the Primary Student: K to 3rd****Prerequisites:** Parallel TEAC 397D.**Description:** The creation and practice of developmentally appropriate instruction in curricular areas for K to 3rd grades. Role of the teacher and/or facilitator in relationship to the primary curriculum and learning environment.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 416D Inclusive Early Childhood Mathematics Methods for the Primary Student: K to 3rd****Prerequisites:** Parallel TEAC 397D.**Description:** The creation and practice of developmentally appropriate instruction in curricular areas for K to 3rd grades. Role of the teacher and/or facilitator in relationship to the primary curriculum and learning environment.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**Prerequisite for:** MATH 300**TEAC 418 Teaching Writing in K-12 Schools****Crosslisted with:** TEAC 818**Description:** Learning and teaching of writing with consideration given to developmental factors of children and adolescents.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 420 Teaching Foreign Language in the Elementary School****Crosslisted with:** TEAC 820**Description:** Theory, research and practice of most recent foreign language models and strategies.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 425 Work-Based Learning/Coordinating Techniques****Crosslisted with:** TEAC 825, EDAD 825**Description:** Foundation and scope of current and projected vocational cooperative education programs and general education work experience. Coordination techniques, selection and placement, instructional procedures, youth leadership activities, organization and administration, and evaluation of cooperative occupational education.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 429 Instructional Communication****Crosslisted with:** COMM 427, COMM 827, TEAC 829**Prerequisites:** COMM 101**Description:** Advanced introductory course in instructional communication, focusing on understanding variables associated with the communication process in instructional settings and managing instructional communication more effectively. Provides an experimental and a cognitive understanding of the role of communication in the instructional process.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC

**TEAC 430 Introduction to Philosophy of Education****Crosslisted with:** TEAC 830**Description:** Fundamental ideas and skills that students can use to begin to form personal philosophical perspectives on education that can be justified intellectually, practically, and ethically. Using case studies of realistic school situations and the theoretical work of a range of writers in education, students explore conceptions of teaching, learning, curriculum, and the relationship between school and society.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 431 Studies in the Foundations of Education****Crosslisted with:** TEAC 831**Description:** Social and cultural analyses of curriculum, teaching, and education policy from disciplinary perspectives.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 12**Format:** LEC**TEAC 431A Studies in the Foundations of Education - The Anthropology of Education****Crosslisted with:** TEAC 831A**Description:** Social and cultural analyses of curriculum, teaching, and education policy from disciplinary perspectives.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 431J Studies in the Foundations of Education - Special Topics****Crosslisted with:** TEAC 831J**Description:** Social and cultural analyses of curriculum, teaching, and education policy from disciplinary perspectives.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 432 Higher Education in America****Crosslisted with:** TEAC 832, EDAD 832**Description:** History and development of America's colleges and universities and a study of some recent trends and problems in higher education.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 433 Comparative Education****Crosslisted with:** TEAC 833**Description:** Foundations, trends, and problems of selected national systems of education as seen in cultural perspective.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 433A Comparative Education Survey****Crosslisted with:** TEAC 833A**Description:** Comparative Education investigates origins, goals, organization, challenges, and accomplishments of various countries' school systems with intentional comparisons to American practices. The 'A' format is a survey course that considers examples from all over the world. The 'B' format focuses on a single country (plus the U.S. for comparative purposes) and includes overseas travel-study (e.g., to South Korea, South Africa, or Chile) and visits to schools in the visited countries.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 433B Comparative Education: Special Topics/Travel Study****Crosslisted with:** TEAC 833B**Notes:** This course could be taken more than once for additional credits assuming the student uses it for travel-study to different places. For example, a student could not visit South Korea twice with the same professor teaching the same syllabus, but could visit South Korea once (as one 3-hour course) and South Africa (as another 3-hour course).**Description:** Investigates origins, goals, organization, challenges, and accomplishments of various countries' school systems with intentional comparisons to American practices. The 'B' format focuses on a single country (plus the U.S. for comparative purposes) and includes overseas travel-study (e.g., to South Korea, South Africa, or Chile) and visits to schools in the visited countries.**Credit Hours:** 3-9**Min credits per semester:** 3**Max credits per semester:** 9**Max credits per degree:** 9**Format:** FLD**TEAC 434 Ethics and Education****Crosslisted with:** TEAC 834**Description:** Basic issues in ethics and education. Using theoretical material and case studies, students consider such ideas and issues as the nature of moral judgment, equality, justice, caring, and respect for persons, and discuss how educators might respond in ethically justifiable ways to difficult situations they may encounter.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 436 Latin American Education****Crosslisted with:** TEAC 836**Prerequisites:** 12 hours education, social sciences, or Latin American Studies; or permission.**Description:** Survey of contemporary practices and problems in Latin American education, with special emphasis on the role of education in the national development.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC

**TEAC 437 Democracy and Education**

**Description:** Democracy and how educational institutions and practices might facilitate or hinder democratic process and aims. The fact of cultural and moral pluralism in the United States, and to the educational responses to pluralism that are possible and appropriate in a polity that aims to be democratic. A range of stances on these issues.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 438 Linguistics in Language and Learning Contexts**

**Crosslisted with:** TEAC 838

**Description:** Discusses the relationships among language and learning, educator and learner discourses, and knowledge and action in connection to sociolinguistics, educational practice, and professional development.

Introduction to English language morphology, syntax, phonology, semantics, and pragmatics as well as the language of schooling, its linguistic as well as socio-cultural and cognitive features. Addresses issues of diversity and social justice in education.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 439 Literature for Adolescents**

**Crosslisted with:** TEAC 839

**Prerequisites:** Admission to the Teacher Education Program.

**Description:** Wide range of young adult literature available for use in schools. Critical and rhetorical tools for responding to a variety of literary texts and techniques for eliciting a wider range of responses to literature; consideration for readers aged 11-16.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 441 Content Area Reading, Grades 4-12**

**Crosslisted with:** TEAC 841

**Description:** Simultaneous teaching of academic content and functional teaching of reading in the content areas; assessment of comprehension, vocabulary/concept attainment; analyses of text; improvement of content area learning through reading/writing development.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 443 Career and Technical Education: Curriculum Issues**

**Description:** Curriculum issues in Career and Technical Education courses using instructional technology. Subject integration, application of standards, use of Web-based resources and resource management.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 444 Career and Technical Education: Technology Issues**

**Description:** Technology issues and the impact on society of access, privacy, confidentiality, ethics and emerging technologies; professional attitude and responsibility in using technology.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 446 The Middle Level Program**

**Description:** Culminating professional course in a program for the preparation of middle level educators. Best practices in middle level education; history and philosophy of middle level education; interdisciplinary team planning; and teacher-based advising.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 446A The Middle Level Curriculum**

**Crosslisted with:** TEAC 846A

**Description:** Explores the six content areas found in most middle level curricula: Math, Science, Social Studies, Art, Reading and Language Arts. Subject area content and pedagogy appropriate for young adolescents (10-14 years) and how the subject content areas can be integrated in the classroom. Required for all Elementary Education majors on the Middle Level Pathway advising sheet and secondary Special Education majors.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 447 Middle Level Teacher-Based Advising**

**Description:** Reading, discussion and research of program designs, content and pedagogies for teacher-based advising for transescent students. Experimental programs and methods for improving student continuous progress and career exploration.

**Credit Hours:** 2

**Max credits per semester:** 2

**Max credits per degree:** 2

**Format:** LEC

**TEAC 449 Teaching the Transescent Student**

**Description:** Knowledge of the instructional methodology which most accurately supports the learning of the middle level student. Review of the recognized theories and plans for instructing the 10-14 year old student forms the basis for this undergraduate, core middle level teacher education course.

**Credit Hours:** 2

**Max credits per semester:** 2

**Max credits per degree:** 2

**Format:** LEC

**TEAC 451 Learning and Teaching Principles and Practices**

**Crosslisted with:** TEAC 851

**Prerequisites:** Admission to the Teacher Education Program; completion of 80 percent of subject-area course work with a 2.5 GPA or better.

**Description:** Theoretical issues in the area of teaching and learning as applied to the individual disciplines.

**Credit Hours:** 3-4

**Min credits per semester:** 3

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** LEC

**TEAC 451I Learning and Teaching Principles and Practices: Secondary Art****Crosslisted with:** TEAC 851I**Description:** Theoretical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 3-4**Min credits per semester:** 3**Max credits per semester:** 4**Max credits per degree:** 4**Format:** LEC**TEAC 451K Learning and Teaching Principles and Practices: Career and Technical Education****Prerequisites:** Admission to the Teacher Education Program; completion of 80 percent of subject-area course work with a 2.5 GPA or better.**Description:** Theoretical issues in the area of teaching and learning as applied to the individual disciplines. Procedures for writing, selecting and organizing subject matter for instruction.**Credit Hours:** 3-4**Min credits per semester:** 3**Max credits per semester:** 4**Max credits per degree:** 4**Format:** LEC**TEAC 451L Learning and Teaching Principles and Practices: Methods of Teaching Information Technology****Description:** Theoretical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 451N Learning and Teaching Principles and Practices: Secondary Language Arts****Crosslisted with:** TEAC 851N**Prerequisites:** Admission to the Teacher Education Program; completion of 80 percent of subject-area course work with a 2.5 GPA or better.**Description:** Theoretical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 3-4**Min credits per semester:** 3**Max credits per semester:** 4**Max credits per degree:** 4**Format:** LEC**TEAC 451O Learning and Teaching Principles and Practices: Marketing Education****Description:** Theoretical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 451P Learning and Teaching Principles and Practices: Secondary Mathematics****Crosslisted with:** TEAC 851P**Prerequisites:** Admission to the Teacher Education Program; completion of 80 percent of subject-area course work with a 2.5 GPA or better.**Description:** Theoretical issues in the area of teaching and learning as applied to the individual disciplines. Innovative methodology and planning, teaching, and evaluating math lessons for diverse learners.**Credit Hours:** 3-4**Min credits per semester:** 3**Max credits per semester:** 4**Max credits per degree:** 4**Format:** LEC**TEAC 451R Learning and Teaching Principles and Practices: Secondary Modern Languages****Crosslisted with:** TEAC 851R**Prerequisites:** Admission to the Teacher Education Program; completion of 80 percent of subject-area course work with a 2.5 GPA or better.**Description:** Theoretical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 3-4**Min credits per semester:** 3**Max credits per semester:** 4**Max credits per degree:** 4**Format:** LEC**TEAC 451V Learning and Teaching Principles and Practices: Secondary Science****Crosslisted with:** TEAC 851V**Prerequisites:** Admission to the Teacher Education Program; completion of 80 percent of subject-area course work with a 2.5 GPA or better.

Parallel with TEAC 397V.

**Description:** Theoretical issues in the area of teaching and learning as applied to the individual disciplines. Investigates issues in secondary science learning and teaching with emphasis on contextualized practice in each field as well as interdisciplinary approaches to planning, research, testing, laboratory safety, and the affective and cognitive needs of diverse learners.**Credit Hours:** 3-4**Min credits per semester:** 3**Max credits per semester:** 4**Max credits per degree:** 4**Format:** LEC**TEAC 451W Learning and Teaching Principles and Practices: Secondary Social Science****Crosslisted with:** TEAC 851W**Prerequisites:** Admission to the Teacher Education Program; completion of 80 percent of subject-area course work with a 2.5 GPA or better.**Description:** Theoretical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 3-4**Min credits per semester:** 3**Max credits per semester:** 4**Max credits per degree:** 4**Format:** LEC

**TEAC 452 Curriculum Principles and Practices****Crosslisted with:** TEAC 852**Prerequisites:** Admission to the Teacher Education Program; completion of 80 percent of subject-area course work with 2.5 GPA or better.**Description:** Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 2-3**Min credits per semester:** 2**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 452I Curriculum Principles and Practices Secondary Art****Crosslisted with:** TEAC 852I**Description:** Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 2-3**Min credits per semester:** 2**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 452J Curriculum Principles and Practices - Business Education****Description:** Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 2-3**Min credits per semester:** 2**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 452M Curriculum Principles and Practices - Industrial Education****Description:** Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 2-3**Min credits per semester:** 2**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 452N Curriculum Principles and Practices Secondary Language****Crosslisted with:** TEAC 852N**Description:** Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 2-3**Min credits per semester:** 2**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 452P Curriculum Principles and Practices Secondary Mathematics****Crosslisted with:** TEAC 852P**Description:** Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 2-3**Min credits per semester:** 2**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 452R Curriculum Principles and Practices Secondary Modern Languages****Crosslisted with:** TEAC 852R**Description:** Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 2-3**Min credits per semester:** 2**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 452V Curriculum Principles and Practices Secondary Science****Crosslisted with:** TEAC 852V**Description:** Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 2-3**Min credits per semester:** 2**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 452W Curriculum Principles and Practices Secondary Social Science****Crosslisted with:** TEAC 852W**Description:** Focus on practical issues in the area of teaching and learning as applied to the individual disciplines.**Credit Hours:** 2-3**Min credits per semester:** 2**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 453 The Middle Level Professional Methods****Prerequisites:** Admission to the Teacher Education Program.**Description:** Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.**Credit Hours:** 1-12**Min credits per semester:** 1**Max credits per semester:** 12**Max credits per degree:** 12**Format:** LEC**TEAC 453I The Middle Level Professional Methods: Art****Description:** Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.**Credit Hours:** 2**Max credits per semester:** 2**Max credits per degree:** 2**Format:** LEC**TEAC 453N The Middle Level Professional Methods: Language Arts****Description:** Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.**Credit Hours:** 2**Max credits per semester:** 2**Max credits per degree:** 2**Format:** LEC

**TEAC 453P The Middle Level Professional Methods Math****Prerequisites:** Must enroll in both TEAC 453P and TEAC 453T**Description:** Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.**Credit Hours:** 2**Max credits per semester:** 2**Max credits per degree:** 2**Format:** LEC**TEAC 453T The Middle Level Professional Methods: Reading****Description:** Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.**Credit Hours:** 2**Max credits per semester:** 2**Max credits per degree:** 2**Format:** LEC**TEAC 453V The Middle Level Professional Methods: Science****Description:** Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.**Credit Hours:** 2**Max credits per semester:** 2**Max credits per degree:** 2**Format:** LEC**TEAC 453W The Middle Level Professional Methods: Social Science****Description:** Development of competence in planning, teaching, classroom management and assessment. Covers the scope, content, and organization of curriculum and instructional materials.**Credit Hours:** 2**Max credits per semester:** 2**Max credits per degree:** 2**Format:** LEC**TEAC 454 Literature in Education****Crosslisted with:** TEAC 854**Description:** Comparative analyses of literature and the role of the reader as meaning maker in educational settings.**Credit Hours:** 3-9**Min credits per semester:** 3**Max credits per semester:** 9**Max credits per degree:** 9**Format:** LEC**TEAC 454A Literature in Education: Literary Response and Analysis****Crosslisted with:** TEAC 854A**Description:** Comparative analyses of literature and the role of the reader as meaning maker in educational settings.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 454B Literature in Education: Multiethnic Literature for Children and Adolescents****Crosslisted with:** TEAC 854B**Description:** Comparative analyses of literature and the role of the reader as meaning maker in educational settings.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 454E Literature in Education: Special Topics****Description:** Comparative analyses of literature and the role of the reader as meaning maker in educational settings.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 480 Teaching with Technology****Crosslisted with:** TEAC 880**Description:** Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 480A Teaching with Technology: Survey of Instructional Technology****Crosslisted with:** TEAC 880A**Description:** Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 480B Teaching with Technology: Designing Instructional Technology K-12****Crosslisted with:** EDAD 880B, TEAC 880B**Description:** Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 480E Teaching with Technology: Instructional Technology in Mathematics****Crosslisted with:** TEAC 880E**Description:** Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC

**TEAC 480J Teaching with Technology: Instructional Technology in Language Arts****Crosslisted with:** TEAC 880J**Description:** Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 480K Teaching with Technology: Instructional Technology in Science****Crosslisted with:** TEAC 880K**Description:** Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 480L Teaching with Technology: Instructional Technology in Social Sciences****Crosslisted with:** TEAC 880L**Description:** Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 480M Teaching with Technology: Technology Supported Assessment and Evaluation****Crosslisted with:** TEAC 880M**Description:** Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 480N Teaching with Technology: Web Teaching****Crosslisted with:** TEAC 880N**Description:** Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 480P Teaching with Technology: Special Topics****Crosslisted with:** TEAC 880P**Description:** Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching and curriculum, and the critical application of technology and the development of teaching strategies.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 482 Instructional Applications of Computers-Practicum****Crosslisted with:** TEAC 882**Prerequisites:** Permission.**Description:** A task-oriented practicum for the demonstration of fluency with advanced technology and the application of instructional design to the development of educational resources. Supervised tasks centered experiences.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 15**Format:** LEC**TEAC 482D Artificial Intelligence, and APIs in the Design of Learning Experiences****Crosslisted with:** TEAC 882D**Description:** Task-oriented practicum for the demonstration of fluency with advanced technology and the application of instructional design to the development of educational resources. Supervised task-centered experiences.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Format:** LEC**TEAC 490 Workshop Seminar****Credit Hours:** 1-12**Min credits per semester:** 1**Max credits per semester:** 12**Max credits per degree:** 12**Format:** LEC**TEAC 491 Professional Practicum in Postsecondary Education****Prerequisites:** Permission.**Description:** Supervised teaching experiences at postsecondary or adult levels, in public or private schools or agencies.**Credit Hours:** 1-10**Min credits per semester:** 1**Max credits per semester:** 10**Max credits per degree:** 10**Format:** FLD**TEAC 495 Independent Study****Credit Hours:** 1-6**Min credits per semester:** 1**Max credits per semester:** 6**Max credits per degree:** 6**Format:** IND

**TEAC 496 Problems in Secondary Education****Prerequisites:** Permission.**Description:** Opportunities for experienced teachers and administrators to develop plans, procedures, or experiments directed to the improvement of the curriculum or administration of the secondary school.**Credit Hours:** 1-6**Min credits per semester:** 1**Max credits per semester:** 6**Max credits per degree:** 6**Format:** LEC**TEAC 497A Student Teaching Elementary (K-6)****Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-10**Min credits per semester:** 1**Max credits per semester:** 10**Max credits per degree:** 10**Format:** FLD**TEAC 497B Student Teaching Elementary Art****Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-10**Min credits per semester:** 1**Max credits per semester:** 10**Max credits per degree:** 10**Format:** FLD**TEAC 497E Student Teaching English as a Second Language****Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-14**Min credits per semester:** 1**Max credits per semester:** 14**Max credits per degree:** 14**Format:** FLD**TEAC 497G Student Teaching Elementary Foreign Language****Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-10**Min credits per semester:** 1**Max credits per semester:** 10**Max credits per degree:** 10**Format:** FLD**TEAC 497I Student Teaching Secondary Art****Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-10**Min credits per semester:** 1**Max credits per semester:** 10**Max credits per degree:** 10**Format:** FLD**TEAC 497J Student Teaching - Secondary Business Education****Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-10**Min credits per semester:** 1**Max credits per semester:** 10**Max credits per degree:** 10**Format:** FLD**TEAC 497M Student Teaching: Secondary Industrial Education****Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.**Credit Hours:** 1-10**Min credits per semester:** 1**Max credits per semester:** 10**Max credits per degree:** 10**Format:** FLD



**TEAC 497N Student Teaching: Secondary Language Arts**

**Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.

**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1-10

**Min credits per semester:** 1

**Max credits per semester:** 10

**Max credits per degree:** 10

**Format:** FLD

**TEAC 497O Student Teaching: Secondary Marketing Education**

**Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.

**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1-10

**Min credits per semester:** 1

**Max credits per semester:** 10

**Max credits per degree:** 10

**Format:** FLD

**TEAC 497P Student Teaching Secondary Mathematics**

**Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.

**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1-10

**Min credits per semester:** 1

**Max credits per semester:** 10

**Max credits per degree:** 10

**Format:** FLD

**TEAC 497Q Student Teaching Middle School**

**Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.

**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1-10

**Min credits per semester:** 1

**Max credits per semester:** 10

**Max credits per degree:** 10

**Format:** FLD

**TEAC 497R Student Teaching Secondary Modern Language**

**Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.

**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1-10

**Min credits per semester:** 1

**Max credits per semester:** 10

**Max credits per degree:** 10

**Format:** FLD

**TEAC 497V Student Teaching Secondary Science**

**Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.

**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1-10

**Min credits per semester:** 1

**Max credits per semester:** 10

**Max credits per degree:** 10

**Format:** FLD

**TEAC 497W Student Teaching Secondary Social Science**

**Prerequisites:** Admission by application; completion of all required methods courses and practica with minimum grades of C+ (2.33) per course.

**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1-10

**Min credits per semester:** 1

**Max credits per semester:** 10

**Max credits per degree:** 10

**Format:** LEC

**TEAC 497Y Student Teaching Mainstreaming**

**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1

**Max credits per semester:** 1

**Max credits per degree:** 1

**Format:** FLD

**TEAC 497Z Student Teaching Multicultural**

**Crosslisted with:** NUTR 497Z, SPED 497Z

**Description:** Supervised teaching experiences in schools. Accompanying seminar focuses on: teacher certification, teacher and student rights and responsibilities, proper conduct of teachers, selected legal aspects of education, methods of communicating with parents and community members, and current issues which impact education.

**Credit Hours:** 1

**Max credits per semester:** 1

**Max credits per degree:** 1

**Format:** FLD

**TEAC 498 Problems in Elementary Education**

**Crosslisted with:** TEAC 898

**Prerequisites:** Permission.

**Description:** Opportunities to develop plans, procedures, experiments, and models directed to the improvement of elementary school education on an independent study basis.

**Credit Hours:** 2-3

**Min credits per semester:** 2

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**TEAC 499H Honors Thesis**

**Prerequisites:** Good standing in the University Honors Program or by invitation.

**Description:** Conduct a scholarly research project and write a University Honors Program or undergraduate thesis.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** IND