TEACHING, LEARNING AND TEACHER EDUCATION (TEAC)

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

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

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 Communicating Across Cultures in the Classroom
Description: Cross-cultural communication in educational settings through the development, analysis, and evaluation of varied pedagogical approaches and strategies for tutoring ESL students in the K to 12th grade setting.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
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: LEC

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: 4
Format: FLD
Prerequisite for: SPED 454

TEAC 297A Professional Practicum Experiences II Elementary
Notes: An accompanying seminar is included where the professional role of the teacher is discussed. 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: TEAC 297E; TEAC 307; TEAC 311; TEAC 313; TEAC 315

ACE: ACE 2 Communication Competence
TEAC 297E Practicum in Teaching English Language Learners in Elementary Schools
Prerequisites: Acceptance to the Elementary Education Program. Parallel with TEAC 297B, 308, 317, 351, 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

TEAC 297I Professional Practicum Experiences II Secondary Art
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
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
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
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
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
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
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
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
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

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 MATH 300 and TEAC 297B
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
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
Crosslisted with: TEAC 331H
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
ACE: ACE 8 Civic/Ethics/Stewardship

TEAC 331H School and Society
Crosslisted with: TEAC 331
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
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: 10
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 416D

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 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

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 ESL: Acquisition
Crosslisted with: TEAC 813A
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 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 Teaching ESL
Crosslisted with: TEAC 813E
Description: Preparation for teaching K-12 learners whose language of nurture is not English
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 the ELL Teacher
Crosslisted with: TEAC 813K
Description: In Linguistics for the ELL Teachers, we will build our understanding of the English language from the perspective of the ESL/EFL learner. This course is designed for teachers of English learners at all levels. However, for those of you that teach other languages in a foreign or second language context, you can easily adapt what you learn to this context as well. The course will provide teachers with a basic understanding of how language works, and in particular, the structure of English. The main goal of this course is to make the "unconscious" knowledge of language conscious, and to be able to explain how English works skillfully and clearly to students.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 413M Teaching English Language Learners (ELLs) in Content Areas
Crosslisted with: TEAC 813M
Description: Theory and pedagogy in the teaching of English Language Learners (ELLs) in course content areas at all levels of K-12 education. Identify and design linguistically and culturally responsive instruction for English learners in the disciplines (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 Overseas
Crosslisted with: TEAC 813P
Description: Methodologies for teaching English to speakers of other languages (TESOL) in 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; 374, and 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 for the Classroom School Teacher
Crosslisted with: TEAC 838
Prerequisites: Admission to the Teacher Education Program.
Description: Analysis of various aspects of linguistic study including dialects, usage, modern grammar, semantics, lexicography, etc., and their application in the K-12 school English classroom. Investigation and clarification of language concepts and the development of teaching materials that can be used in the classroom.
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 450 American Cultural Perspectives through Popular Music and Guitar
Crosslisted with: MUED 450, MUED 850, MUNM 450, TEAC 850
Description: Exploration of the historical, social and cultural context of late 19th and 20th century America through learning to play jazz and popular music on the guitar to provide an authentic, performance-based encounter in music.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 5 Humanities ACE 7 Arts
Groups: Music for Non-majors

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
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 4510 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
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
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
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 453J The Middle Level Professional Methods: Business Education
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
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 453K The Middle Level Professional Methods: Industrial Education
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
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TEAC 453L 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
Min credits per semester: 2
Max credits per semester: 3
Max credits per degree: 3
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 task-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 497C 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 497D 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 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 497F 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 497G Student Teaching Secondary Industrial 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 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:** FLD

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