EDUC D-CURRICULUM & INSTRCTN (EDD)

EDD 301 Directed Teach in Second Schls 6 to 12 Credit Hours
Directed teaching consists of a teaching internship in a selected classroom for a full term under the direction of an experienced teacher. Includes a brief period of observation followed by several weeks of responsible teaching including the writing, implementing, and evaluation of lesson plans using University-approved practices. Official admission and good standing in the certification program are required. Methods courses in the major and minor and valid TB clearance required.
Prerequisite(s): EDC 300 and EDC 301 and EDC 302 and EDA 340 and EDC 460 and EDD 469
Corequisite(s): EDD 304
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate

EDD 304 Seminar: Teach Secondary Grds 1 to 2 Credit Hours
Draws upon the resources found in the directed teaching environment. Considers problems and issues in four broad areas: students in the school, the teacher’s professional responsibilities, curriculum understandings, and administrative/organizational problems. Open only to students enrolled in EDD 301.
Corequisite(s): EDD 301
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate

EDD 305 Direct Teach in Elem School 6 to 12 Credit Hours
Directed teaching consists of a teaching internship in a selected classroom for a full term under the direction of an experienced teacher. Includes a brief period of observation followed by several weeks of responsible teaching including the writing, implementing, and evaluation of lesson plans using University-approved practices. Official admission and good standing in the certification program as well as valid TB clearance are required.
Prerequisite(s): EDC 300 and EDC 301 and (EDC 340 or EDC 240) and EDC 460 and EDD 452 and EDD 467 and EDD 468 and EDD 471 and EDD 485 and EDD 495 and EDF 450
Corequisite(s): EDD 307
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Can enroll if College is Education, Health, and Human Services

EDD 307 Seminar: Teaching Elem Grades 1 to 2 Credit Hours
Draws upon experience in elementary directed teaching. Considers pupils in the school, classroom environment, teaching competencies, professional responsibilities, school curriculum and policies, and administrative/organizational problems. Open only to students enrolled in EDD 305.
Corequisite(s): EDD 305
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Can enroll if College is Education, Health, and Human Services

EDD 404 Inquiry Based Curr Prim Grades 3 Credit Hours
This course examines how teachers can apply inquiry method to all curriculum areas in the primary grades. Major focus will be designing curriculum to meet state and professional guidelines within a developmentally appropriate context.
Prerequisite(s): (EDC 340 and EDC 341) or (EDC 240 and EDC 241) and Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75
Corequisite(s): EDD 410
Restriction(s):
Can enroll if Class is Junior or Senior

EDD 406 Teach Strategies Early Child 3 Credit Hours
Focuses on the developmentally appropriate educational practices for children from infancy through the primary grades. Introduces various procedures and strategies to stimulate inquiry in the early childhood classroom. Observation skills, planning, and implementing of lessons in the field will be emphasized. Class seminar designed to correlate theory with observation and field work.
Prerequisite(s): (EDC 240 or EDC 340) and (EDC 341 or EDC 241) and Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75
Corequisite(s): EDD 410
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate

EDD 407 Workshop: Global Ed Soc Stds 1 to 3 Credit Hours
A course designed to help elementary and secondary teachers develop strategies that will help them to teach about an interdependent and changing world. Concepts such as change, the culture, and interdependence will be introduced and examined in terms of implementation within the framework of the existing social studies curricula.
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 110 or COMP 280 or COMP 270)
Restriction(s):
Can enroll if Class is Junior or Senior

EDD 410 Practicum in Early Child Ed 1 Credit Hour
A supervised field experience related to the study of early childhood education. Requires a minimum of 45 clock hours of observation and work spread over a semester in an early childhood school setting. Must be taken concurrently with EDD 406. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent). (FW)
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
Corequisite(s): EDD 406
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Can enroll if College is Education, Health, and Human Services
EDD 411  Directed Tchg: Early Childhood  3 or 4 Credit Hours
Supervised observation and teaching in early childhood programs under the joint direction of university and school personnel. Open only to students in the Early Childhood Education Program or Children and Families Program who have been approved by the program director. Must be elected concurrently with EDD 412. TB clearance, FIA clearance, criminal background check, and physician's statement of good health are required.
**Prerequisite(s):** Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and EDD 406 and EDD 410 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
**Corequisite(s):** EDD 412
**Restriction(s):**
Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

EDD 412  Seminar in Early Childhood Ed  2 Credit Hours
Focuses on developmentally appropriate educational practices for children in early childhood programs. With an emphasis on writing developmentally appropriate lesson plans, the Reggio Emilia Inspired Approach, assessment of young children, classroom and staff management, multiculturalism, family centered approaches, children with special needs and professional development. The seminar provides a theoretical foundation for the field placement (D411, D418 and D494). Open only to students in Early Childhood or Children and Families program who have been approved by the program director. TB clearance and physician's statement of good health required. EDD 406 and 410 are required for undergraduates.
**Prerequisite(s):** Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and EDD 406 and EDD 410
**Restriction(s):**
Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior or Graduate

EDD 413  LD Elem Directed Teaching  2 Credit Hours
Field experience with elementary students with learning disabilities in general and special education classrooms. Experiences include delivery of direct instruction through observation, tutoring, small and large group instruction, curriculum development and adaptations, participation in the IEP and ITP process, collaboration and co-teaching with regular classroom teachers in various academic content areas, and other activities under the on-site supervision of a certified teacher of LD and LD certified University field supervisor. Students must complete EDC 401, EDN 401, EDN 403, EDN 404, and EDN 402 prior to registering for their LD directed teaching. General Education Student Teaching is completed the semester prior to LD directed teaching.
**Corequisite(s):** EDD 420, EDN 408
**Restriction(s):**
Can enroll if Class is Senior
Can enroll if Level is Undergraduate
Can enroll if College is Education, Health, and Human Services
Can enroll if Major is Special Education

EDD 416  Creativity/Crit Thnk Yng Childr  3 Credit Hours
This course intends to study the processes and products of creativity for both adults and young children. Strategies for promoting the emerging creative disposition of the young child, birth to eight years, will be explored. Areas of focus will include art, music, movement, dramatic play, improvisation, storytelling, and problem-solving. The importance of understanding and encouraging the young child’s capacity for representation skills will be emphasized.
**Prerequisite(s):** EDC 340 and Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)
**Restriction(s):**
Can enroll if Class is Junior or Senior or Graduate

EDD 417  Wrkshp: Biling/Bicult Pupils  1 to 4 Credit Hours
The course will focus on developing a) an understanding of bilingual and bicultural pupils by examining their ethnic and racial backgrounds in terms of their values and institutions and how these affect their adjustment in the school and community environments, and b) effective learning strategies, techniques, and materials to use in various content areas.
**Prerequisite(s):** Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)
**Restriction(s):**
Can enroll if Class is Junior or Graduate

EDD 418  Children and Families Intern  4 Credit Hours
Supervised observation and teaching in an Early Childhood classroom setting, or parent education program in a Family Service Agency under the joint direction of University and school or Agency personnel. Open only to students in the Children and Families Program who have been approved for the course by the program director. Must be elected concurrently with EDD 412. FIA clearance, criminal background check, blood borne pathogen, video record consent, and physician's statement of good health required.
**Prerequisite(s):** Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
**Corequisite(s):** EDD 412
**Restriction(s):**
Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior
EDD 419  Early Literacy/Language Develop  3 Credit Hours
This course examines early language development, the factors that contribute to its growth and the role that it plays in the development of literacy. Diagnostic techniques for assessing language and literacy and teaching strategies and materials to facilitate language and literacy growth in children birth through third grade will be discussed. (YR)
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Reading with a score of P and MTTC Basic Math with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270) and EDA 340
Restriction(s):
Can enroll if Class is Junior or Senior
Can enroll if College is Education, Health, and Human Services

EDD 420  LD Sec Directed Teaching  2 Credit Hours
Field experience with secondary students with learning disabilities in general and special education classrooms. Experiences include delivery of direct instruction through observation, tutoring, small and large group instruction, curriculum development and adaptations, participation in the IEP and ITP process, collaboration and co-teaching with regular classroom teachers in various academic content areas, and other activities under the on-site supervision of a certified teacher of LD and LD certified University field supervisor. Students must complete EDC 401, EDN 401, EDN 403, EDN 404, and EDN 402 prior to registering for their LD directed teaching. General Education Student Teaching is completed the semester prior to LD directed teaching.
Corequisite(s): EDD 408, EDN 413
Restriction(s):
Can enroll if Class is Senior
Can enroll if College is Education, Health, and Human Services

EDD 421  Directed Teach Secondary Sch  6 to 12 Credit Hours
Directed teaching consists of a teaching internship in a selected classroom for a full term under the direction of an experienced teacher. Includes a brief period of observation followed by several weeks of responsible teaching including the writing, implementing, and evaluation of lesson plans using University-approved practices. Official admission and good standing in the College of Education, Health, and Human Services' teacher certification program are required. Completion of methods courses in the major and minor and passing appropriate MTTC tests required. Students cannot receive credit for both EDD 421 and EDD 301.
Corequisite(s): EDD 424
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Senior
Can enroll if Level is Undergraduate
Can enroll if College is Education, Health, and Human Services or Arts, Sciences, and Letters

EDD 424  Seminar: Teaching Secondary Grades  1 Credit Hour
This course draws upon the resources found in the directed teaching environment. Students will consider problems and issues in four broad areas: students in the school, the teacher's professional responsibilities, curriculum understandings, and administrative/organizational problems. Open only to students enrolled in EDD 421. (F, W).
Corequisite(s): EDD 421
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Senior
Can enroll if Level is Undergraduate
Can enroll if College is Education, Health, and Human Services or Arts, Sciences, and Letters

EDD 427  Workshop: Art in Elem School  2 Credit Hours
A course which presents the rationale, trends, and principles of art education for elementary teachers. Teachers will have ample opportunities to experiment with various art media such as printmaking, puppetry, paints, and clay. Different strategies that focus on the creative growth of children will be developed.
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)
Restriction(s):
Can enroll if Class is Junior or Graduate

EDD 429  Tch Cntrv Iss at Elem/Sec Lvl  2 to 3 Credit Hours
This course is designed to provide the classroom teacher with the rationale, various approaches, and strategies and techniques to use in teaching controversial issues at the elementary and secondary levels.
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)
Restriction(s):
Can enroll if Class is Junior or Senior
Can enroll if Level is Undergraduate

EDD 435  Dir Teaching: Elementary Sch  6 to 12 Credit Hours
Directed teaching consists of a teaching internship in a selected classroom for a full term under the direction of an experienced teacher. Includes a brief period of observation followed by several weeks of responsible teaching including the writing, implementing, and evaluation of lesson plans using University-approved practices. Official admission and good standing in the College of Education, Health, and Human Services teacher certification program are required. Completion of methods courses in the major and minor and passing appropriate MTTC tests required. Student may not receive credit for both EDD 435 and EDD 305.
Corequisite(s): EDD 437
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Senior
Can enroll if Level is Undergraduate
Can enroll if College is Education, Health, and Human Services or Arts, Sciences, and Letters
EDD 437 Seminar: Teaching Elementary Grades  1 Credit Hour
This course draws upon the resources found in the directed teaching environment. Students will consider problems and issues in four broad areas: students in the school, the teacher’s professional responsibilities, curriculum understandings, and administrative/organizational problems. Open only to students enrolled in EDD 435. (F, W).

Prerequisite(s): EDD 435

Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Can enroll if College is Education, Health, and Human Services or Arts, Sciences, or Letters

EDD 440 Teach English in Second Grds  2 to 3 Credit Hours
Investigates the general and specific goals and objectives of English education. Trends, materials, and strategies are presented. A study of outstanding problems in the teaching of English composition, literature, grammar, and language are discussed. Official admission to and good standing in teacher certification program are required. EDD 441 required concurrently for undergraduate only.

Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75

Corequisite(s): EDD 441

Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Can enroll if College is Education, Health, and Human Services

EDD 441 Practicum: English Second Grd  1 Credit Hour
A supervised field experience related to the study of English in grades 6-12. Requires a minimum of 45 clock hours of observation and work spread over a semester in a school setting. Official admission to and good standing in the teacher certification program are required. Must be taken concurrently with EDD 440. For graduate credit elect EDD 502. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).

Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

Corequisite(s): EDD 440

Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Can enroll if College is Junior or Senior

EDD 442 Differentiating Inst K-12 Clrm  2 to 3 Credit Hours
Individualized instruction combined with the latest information on the brain and our understanding of multiple intelligences leads us to a new method of meeting the needs of students called differentiating instruction. This course will look at the concept of differentiating instruction in-depth. (OC).

Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)

Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Can enroll if Level is Senior
Can enroll if College is Education, Health, and Human Services

EDD 443 Tchg Writ at the Secondary Lvl  2 to 3 Credit Hours
This course is designed to help the classroom teacher promote functional and creative writing among students at the secondary school level. Attention will be given to both theory and research with emphasis on the development of instructional strategies, teaching materials and practical resources. (OC)

Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)

Restriction(s):
Can enroll if Class is Undergrad Certification only or Junior or Senior
Can enroll if College is Education, Health, and Human Services

EDD 444 New Mthds,Strat/Mat Soc Stud  2 Credit Hours
Examines new developments in methodology in relation to learning theory. Investigates systems for evaluating curricular materials. Explores experimental programs, new courses of study, multimedia approaches and current research in the social studies. (OC).

Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)

Restriction(s):
Can enroll if Class is Undergrad Certification only or Junior or Senior
Can enroll if College is Education, Health, and Human Services

EDD 445 Intervention Strat EC Spec Ed  3 Credit Hours
Strategies and methods which early educators can use when planning and implementing interventions for infants, toddlers and young children with disabilities and their families. Emphasis will be on addressing family identified priorities and the goals and objectives stated on the Individual Family Service Plan (IFSP) or Individual Educational Plan (IEP) using activity-based intervention, adapting materials, modifying environments and using assistive technology. (W, YR).

Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and EDC 414 and (EDC 340 or EDC 240)

Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Can enroll if Level is Undergraduate

EDD 446 Tchg English as Second Lang  3 Credit Hours
This course examines current methodologies and theories for English as a second language learning and instruction. Emphasis will be placed on a standards-based curriculum for English language learners. The use of communicative activities and strategies for developing English language skills in the elementary grades will be emphasized. Official admission to and good standing in a teacher certification program are required.

Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75

Corequisite(s): EDD 448

Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Can enroll if Level is Undergraduate
EDD 448 Pract: Tchng Engl Secnd Lang  1 Credit Hour
A supervised field experience related to the teaching of English as a second language. Required a minimum of 45 clock hours of observation and work spread over a semester in a school setting. Official admission to and good standing in the teacher certification program are required. Must be taken concurrently with EDD 447. For graduate credit elect EDD 548. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
Corequisite(s): EDD 447
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Cert only or Junior or Senior

EDD 450 Teach Math in Second Grades  3 Credit Hours
This course discusses: 1) the more important parts of recent pedagogical literature, 2) new instructional materials, methods, and curricular trends, and 3) procedures useful in the construction of new units and in the improvement of curricular units. Official admission to and good standing in a teacher certification program are required. EDD 451 required concurrently for undergraduates only. For graduate credit elect EDD 565.
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 or (COMP 105 or COMP 110 or COMP 280 or COMP 270)
Corequisite(s): EDD 451
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Cert only or Junior or Senior

EDD 451 Practicum: Math Second School  1 Credit Hour
A supervised field experience related to the teaching of mathematics in grades 6-12. Requires a minimum of 45 clock hours of observation and work over a semester in a school setting. Official admission to and good standing in the teacher certification program are required. Must be taken concurrently with EDD 450. For graduate credit elect EDD 565. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
Corequisite(s): EDD 450
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Cert only or Junior or Senior or Graduate

EDD 452 Methods of Teaching Math K-8  3 Credit Hours
The course relates to the teaching of the mathematics curriculum in the elementary and middle school. The emphasis is on the development of teaching techniques that promote problem solving, reasoning, connections, communication, and concept and algorithmic development. Cooperative groups, manipulatives, technology, and alternative assessment will be explored as tools for meeting the special needs of every child in grades K-8. Required of all preservice elementary teachers. Official admission to and good standing in a teacher certification program required. The course includes a field experience in an assigned school setting. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).
Prerequisite(s): MATH 386 and Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Cert only or Junior or Senior

EDD 454 Wrkshp: Newspaper in Education  2 Credit Hours
A course designed to familiarize elementary and secondary teachers with the use of newspapers as a classroom resource. Workshop participants will use the daily newspaper and other resource materials to develop activities appropriate for meeting their own professional needs. Emphasis will be on the enhancement of academic skills, practical life skills and creative expression. (OC)
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
Cert only or Junior or Senior

EDD 456 Tchng Gifted Stdnt Reglr Classr  2 Credit Hours
This course introduces classroom teachers to the education of gifted and talented students in the regular classroom. It is designed to help teachers understand the social, emotional, and intellectual needs of gifted students and to show them ways of effectively addressing these needs along with those of the other students present. It will offer specific proposals for structuring the learning environment as well as for selecting appropriate levels and types of subject matter. (OC)
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)
Restriction(s):
Can enroll if Class is Junior or Senior

EDD 463 Educ D-Curriculum & Instructn (EDD)
EDD 466  Tchg Coll Sci: Clssrm Dynamics  3 Credit Hours
A seminar analyzing current methods of college science teaching. Students will be paired with a senior faculty mentor and participate in the planning and teaching of introductory courses. Recommended for advanced undergraduates planning to attend graduate school and/or those interested in teaching. Written permission of instructor required.
Prerequisite(s): (NSCI 390 or EDD 390) and Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)

EDD 467  Practicum in Reading Instruct  1 Credit Hour
A supervised field experience related to the teaching of reading in grades K-8. Requires a minimum of 45 clock hours of observation and work spread over a semester in a school setting. Official admission to and good standing in teacher certification program required. Must be taken concurrently with EDD 471. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).
Prerequisite(s): EDD 468 and Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate

EDD 468  Teach Read/Lang Arts- Elem Grd  3 Credit Hours
Acquaints the student with theory, methods, materials, and research related to the teaching of reading and other communications skills in the elementary school. Includes classroom activities designed to strengthen skills in reading comprehension, content area reading, word attack, and the related language arts. Official admission to and good standing in the College of Education, Health, and Human Services teacher certification program are required.
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate

EDD 469  Reading in the Content Areas  3 Credit Hours
Emphasis on developmental and remedial reading activities at the middle grades and the secondary level: diagnosis, testing, and materials; reading in the content subjects; study habits; independent reading activity; exempt programs. Some attention will be given to related problems in the teaching of written composition. Official admission to and good standing in the College of Education, Health, and Human Services teacher certification program are required. For graduate credit, elect EDD 569.
Prerequisite(s): (COMP 106 or COMP 220 or COMP 280 or COMP 270)
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate

EDD 471  Reading Instr: Models and Meth  3 Credit Hours
Various approaches to reading instruction are required. The teaching of reading/Study skills in content areas and an introduction to different forms of testing will be addressed. Students will be required to complete a reading tutorial in meeting the needs of an elementary student. Not open to students who have taken EDD 472, EDD 532, or EDD 570. Official admission to and good standing in SOE certification program are required.
Prerequisite(s): EDD 468 and Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75
Corequisite(s): EDD 467
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate

EDD 474  Environmental Education  2 to 3 Credit Hours
An analysis of environmental education at both the elementary and secondary school level particularly stressing the environment as a teaching resource. Community resources as they relate to environmental education also are investigated.
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 105 or COMP 110 or COMP 280 or COMP 270)
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate

EDD 480  Teach of Sci in the Second Grd  2 to 3 Credit Hours
A survey of the place of science in the secondary school curriculum, an analysis and evaluation of objectives, and a consideration of modern practices in teaching science. Official admission to and good standing in teacher certification program are required.
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75
Corequisite(s): EDD 481
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate

EDD 481  Practicum in Science:Second Grd  1 Credit Hour
A supervised field experience related to the teaching of science in grades 6-12. Requires a minimum of 45 clock hours of observation and work spread over a semester in a school setting. Official admission to and good standing in teacher certification program are required. Must be taken concurrently with EDD 480. For graduate credit elect EDD 581. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
Corequisite(s): EDD 480
Restriction(s):
Can enroll if Class is Undergrad Certification only or Post-baccalaureate
EDD 482  Teach of Sci in Second Grd II  3 Credit Hours
This course builds upon the concepts and skills developed in EDD 480 as students learn to become effective, reflective science teachers. Students will learn multiple strategies for effective lesson planning, teaching, and assessment in science. Science, technology, engineering and mathematics (STEM) and integration of reading/writing strategies will be emphasized throughout the course. Students cannot receive credit for both EDD 482 and EDD 582. Students seeking graduate credit should enroll in EDD 582.
Prerequisite(s): EDD 480 and EDD 481
Restriction(s):
- Can enroll if Class is Undergrad Certification only or Post-baccalaureate
- Can enroll if Level is Junior or Senior
- Can enroll if College is Education, Health, and Human Services or Arts, Sciences, and Letters

EDD 483  Wkshp:Sci Teach Elem/Midd Schl  1 to 3 Credit Hours
Deals with existing and innovative science materials. Offered at various times emphasizing one or more areas from elementary and middle level science. Centers on a laboratory approach. May be elected twice for a total of six credits. (OC).
Restriction(s):
- Can enroll if Class is Junior or Senior
- Can enroll if Level is Undergraduate

EDD 485  Teach Science in the Elem Grd  2 to 3 Credit Hours
Explores the objectives, methods, and instructional emphasis of elementary school science. Stresses concept development in several areas of elementary science. Provides opportunity for preparation of materials for classroom use. Official admission to and good standing in teacher certification program are required. For graduate credit, elect EDD 585. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
Corequisite(s): EDD 490
Restriction(s):
- Can enroll if Class is Undergrad Certification only or Post-baccalaureate
- Can enroll if Level is Junior or Senior

EDD 486  Environmental Interpretation  3 Credit Hours
Course deals with the interpretation of the environment, its characteristics, and its presentation to school groups as well as to the general public. Intended to acquaint students with a variety of skills and techniques necessary for interpreting the environment to others. Extensive use is made of the UM-D Environmental Study Area.
Restriction(s):
- Can enroll if Class is Junior or Graduate

EDD 488  Environmental Interpretation  3 Credit Hours
A supervised field experience in a selected middle or high school social studies classroom. The course requires a minimum of 45 hours of observation of an experienced teacher as well as the writing, implementation, and assessment of one or more lessons. Official admissions to and good standing in the teacher certification program in required. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
Corequisite(s): EDD 495
Restriction(s):
- Can enroll if Class is Undergrad Certification only or Post-baccalaureate
- Can enroll if Level is Junior or Senior

EDD 489  Practicum in Soc Stud:Sec Sch  1 Credit Hour
A supervised field experience in a selected middle or high school social studies classroom. The course requires a minimum of 45 hours of observation of an experienced teacher as well as the writing, implementation, and assessment of one or more lessons. Official admissions to and good standing in the teacher certification program in required. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).
Prerequisite(s): Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1
**EDD 493  Simulation and Gaming  1 to 3 Credit Hours**
This course focuses on simulation and gaming as approaches to learning which are fundamentally different from methods traditionally used in education, industry, business, and psychology. Students will have the opportunity to examine many different types of simulations and games and to participate in selected ones. They will also be able to design one for use in their own area of interest.

**Prerequisite(s):** Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)

**Restriction(s):**
Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 495  Social Studies in the Elem Grd  2 to 3 Credit Hours**
Examination and analysis of various programs and materials currently available for teaching social studies at the elementary level. Critical investigation of new developments and trends. Opportunity is provided to experiment with various techniques and to evaluate their effectiveness. Official admission to and good standing in teacher certification program are required.

**Prerequisite(s):** Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75

**Corequisite(s):** EDD 491

**Restriction(s):**
Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 496  Second Lang Tchg: Sec Level  3 Credit Hours**
An examination of current methodologies and techniques for instruction in foreign languages in grades 7-12. Emphasis will be placed on a standards-based curriculum with special attention given to the creation of learning scenarios. The use of communicative activities and the assessment of language skill areas will also be emphasized. Official admission to and good standing in teacher certification program are required.

**Prerequisite(s):** (FREN 301 or GER 301 or SPAN 301) and Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)

**Corequisite(s):** EDD 497

**Restriction(s):**
Can enroll if Class is Undergrad Certification only or Post-baccalaureate Cert only or Junior or Senior

**EDD 497  Second Lang Tchg: Sec Level  1 Credit Hour**
A required supervised field experience related to the teaching of a foreign language in grades 7-12. Involves a minimum of 45 clock hours of work and observation spread over one semester in a supervised classroom setting. Methods and techniques learned in EDD 496 will be used to increase the second language proficiency of learners in grades 7-12. Official admission to and good standing in teacher certification program are required. Students must submit the following clearances as prerequisites in order to register for this class (Blood Borne Pathogen test, Criminal Background Consent, Video Recording Consent).

**Prerequisite(s):** (FREN 301 or GER 301 or SPAN 301) and Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and Infect Disease/Blood Born Path with a score of 1 and Criminal Background Check with a score of 1 and Video Recording Consent with a score of 1

**Corequisite(s):** EDD 496

**Restriction(s):**
Can enroll if Class is Junior or Graduate

**EDD 498  Writing Meth: Formal&Informal  3 Credit Hours**
This course is designed for those wishing to establish or improve creative writing programs in their elementary school classrooms. Theoretical models will be discussed. Strategies and materials that facilitate the writing of prose and poetry will be emphasized.

**Prerequisite(s):** Phase III ED Students with a score of 1 and Minimum GPA with a score of 2.75 and MTTC Basic Math with a score of P and MTTC Basic Reading with a score of P and MTTC Basic Writing with a score of P and (Composition Placement Score with a score of 40 or Composition Placement Score with a score of 107 or COMP 106 or COMP 220 or COMP 280 or COMP 270)

**Restriction(s):**
Can enroll if Class is Junior or Graduate

**Other Content**

* An asterisk denotes that a course may be taken concurrently.

**Frequency of Offering**

The following abbreviations are used to denote the frequency of offering: (F) fall term; (W) winter term; (S) summer term; (F, W) fall and winter terms; (YR) once a year; (AY) alternating years; (OC) offered occasionally

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