ART COURSES (ART)

4471 Internship in Art Education (9)
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. Prerequisite: Admission to TEP; Co-requisite: IED 4454 Internship Seminar for Interdisciplinary Education.

BIOLOGY COURSE (BIO)

4474 Internship in Biology Education (9)
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. Prerequisite: Admission to TEP; Co-requisite: SED 4454 Internship Seminar for Secondary Education.

CHEMISTRY COURSE (CHM)

4474 Internship in Chemistry Education (9)
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. Prerequisite: Admission to TEP; Co-requisite: SED 4454 Internship Seminar for Secondary Education.

EARLY CHILDHOOD EDUCATION COURSES (ECE)

3330 Portrait of a Learner: Social and Moral Development (3)
The purpose of this course is to assist undergraduate students as they investigate and construct operational knowledge of children’s social development. In addition, the undergraduate will interact with diverse learners through observation and participation in the application of appropriate social development experiences, including technology along with the investigation and evaluation of children’s construction of social knowledge. Prerequisite: Admission to TEP.

3340 Portrait of a Learner: Language Acquisition (3)
The purpose of this course is to assist undergraduate students as they investigate and construct operational knowledge of young children’s language and literacy acquisition. This course includes extensive laboratory experiences where students interact with diverse learners through observation and participation in the application of appropriate language and literacy experiences including technology. Prerequisite: Admission to TEP.

3350 Portrait of a Learner: Symbolic Function (3)
The purpose of this course is to assist undergraduate students as they investigate and construct operational knowledge of young children’s symbolic thought and representation through play, art, music, movement and drama. This course includes extensive laboratory experiences where students interact with diverse learners through observation and participation in the application of appropriate expressive arts experiences including technology and the investigation of children’s representation of their knowledge. Prerequisite: Admission to TEP.

4401 The Integrated Program (3)
This course is designed as a culminating course for Early Childhood Education students to examine the integrated nature of the ECE program. This course includes extensive laboratory experiences where students interact with diverse learners as they plan, implement, and evaluate integrated curriculum, including technology, and the total ECE program. Prerequisite: Admission to TEP and completion of a minimum of 15 hours in the teaching field.

4454 Internship Seminar for Early Childhood Education (3)
This course provides seniors an opportunity during internship to examine broad educational issues and concerns, topics on the state and local levels and those of personal interest. The scope of the course ranges from juvenile law, classroom management professionalism, professional development for teachers and other course topics. Prerequisite: Admission to TEP; Co-requisite: ECE Internship.

3320 Portrait of a Learner: Physical Knowledge (3)

4474 Internship in Early Childhood Education (9)
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. Prerequisite: Admission to TEP; Co-requisite: ECE 4454 Internship Seminar for Early Childhood Education.

**Early Childhood Education Internship (1-3)**
Experiences in internship, i.e., observation, participating and teaching with supervision. Twenty-five clock hours for each credit hour. Prerequisite: Completion of all courses required by the State Department of Education and the approval of the Director of Professional Laboratory Experiences.

**Early Childhood Education Internship (6)**
Half-day observing and teaching under supervision. Prerequisite: Holder of an Alabama Class B Teacher Certificate; successful completion of two years teaching experience in grades P-3; completion of all courses required for certification in Early Childhood Education and approval of the Director of the Professional Internship Program.

**Guided Independent Research (1-3)**
Additional information is indexed under “Guided Independent Research and Study.”

**Microcomputers in Education (3)**
This course is designed to introduce prospective teachers to currently available technology and to prepare them to use various media for their own education as well as in their professional careers. Students are expected to become comfortable in the use of various media and to explore the possibilities for the use of media in the classroom. Emphasis is given to ways in which multimedia can be used to meet the needs of the varying learning styles.

**The Professional Educator**
This course provides a broad overview of education, teaching and schools; and an orientation to the Teacher Education Program. Multiple field experiences in school settings are required as part of the course. This is a prerequisite course for most other education courses.

**Classroom Management (3)**
This course is designed for all education majors. The purpose of this course is to establish a foundation of content and application relative to classroom management and discipline emphasizing reflection, decision making, and integrated teaching/learning strategies. Methodologies utilized will include discussion, lecture, field experience, case studies, problem solving sessions, projects, and research.

**Curriculum and Instructional Delivery**
This course offers a survey of school curriculums, organizational patterns for school systems and classrooms. It is designed for Early Childhood Education, Elementary Education, Special Education, and Middle and Secondary Education majors. Various instructional strategies, major philosophies and learning theories are examined. Prerequisite: Admission to TEP; class should be taken semester prior to internship.

**Internship in Elementary/K-6 Collaborative Teacher (9)**
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. Prerequisite: Admission to TEP; Co-requisite: ELE 4454 Internship Seminar for Elementary Education.

**Guided Independent Research (1-3)**
Undergraduate research with attention to critical evaluation of research techniques, methods and procedures. Prerequisites: junior or senior standing with a minimum overall GPA of 3.0, permission of guiding professor, approval of department chairperson or dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned. Application forms are available in the Office of University Records. Guided independent research may be taken only in the applicant’s major or minor field.

**Guided Independent Study (1-3)**
Supervised study through field or laboratory projects, guided readings, creative endeavors or achievement of specific skills. Prerequisites: junior or senior status, permission of guiding professor, approval of department chairperson and the dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned.

**Technology Across the Curriculum (3)**
This course prepares the student to use a variety of technologies in developing curriculum and planning instruction for diverse learners in grades K-6. Attention is given to the history of technology, software selection and the integration of technology into the curriculum by matching technology resources and tools to instructional needs.

**Environmental Science: Project WET (1)**
Project WET (Water Education for Teachers) is an interdisciplinary, supplementary environmental and conservation education program. The goal of Project WET is to facilitate and promote awareness, appreciation,
knowledge, and stewardship of water resources.

9915 Environmental Science: Aquatic WILD (1)
Aquatic Project WILD is an interdisciplinary, supplementary environmental and conservation education program that explores the fascinating worlds of water and aquatic habitats they support.

9920 Youth with Disabilities Leadership Forum (3)
This course is designed for education and human services students. The purpose of this course is to provide field experience with youth with disabilities. Students will serve as counselors who conduct activities, guide discussion groups, and provide feedback and evaluation. Prerequisite: permission of the instructor.

9932 Environmental Science: Project WILD (1)
Project WILD is an interdisciplinary, supplementary environmental and conservation education program emphasizing wildlife. Project WILD emphasizes the intrinsic, ecological, and other values of wildlife, as well as the importance of wildlife as a basis for understanding the fragile grounds upon which all life rests.

9934 Environmental Science: Project Learning Tree (1)
Project Learning Tree (PLT) is an interdisciplinary, supplementary environmental and conservation education program emphasizing forestry and related resources. PLT offers opportunities for learners to develop awareness, knowledge, and skills necessary for living in harmony with the world of living and non-living things.

ELEMENTARY EDUCATION COURSES

3360 Teaching Social Science in the K – 6 Classroom (3)
This course provides a study of the varied dimensions of instruction in social sciences. Emphasis is placed on appropriate instruction and resources, including technology for the instruction of students in grades K-6. Prerequisite: Admission to TEP

3361 Teaching Natural Science in the K-6 Classroom (3)
This course provides a study of the varied dimensions of instruction in natural sciences. Emphasis is placed on appropriate instruction and resources, including technology for the instruction of students in grades K-6. Prerequisite: Admission to TEP

3362 Teaching Mathematics in the K-6 Classroom (3)
This course provides a study of the varied dimensions of instruction in mathematics. Emphasis is placed on appropriate instruction and resources, including technology for the instruction of students in grades K-6. Prerequisite: Admission to TEP

4401 Integrated Program (3)
This course is designed as a culminating course for Elementary Education students to examine the integrated nature of the ELE program. This course includes extensive laboratory experiences where students interact with diverse learners as they plan, implement, and evaluate integrated curriculum, including technology, and the total ELE program. Prerequisite: Admission to TEP and completion of a minimum of 15 hours in the teaching field.

4454 Internship Seminar for Elementary Education (3)
This course provides seniors an opportunity during internship to examine broad educational issues and concerns, topics on the state and local levels and those of personal interest. The scope of the course ranges from juvenile law, classroom management professionalism, professional development for teachers and other course topics. Co-requisite: ELE Internship. Prerequisite: Admission to TEP

4474 Internship in Elementary Education (9)
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. Prerequisite: Admission to TEP; Co-requisite: ELE 4454 Internship Seminar for Elementary Education

4491-4492 Guided Independent Research (1-3)
Undergraduate research with attention to critical evaluation of research techniques, methods and procedures. Prerequisites: junior or senior standing with a minimum overall GPA of 3.0, permission of guiding professor, approval of department chairperson or dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned. Application forms are available in the Office of University Records. Guided independent research may be taken only in the applicant’s major or minor field.

4493-4494 Guided Independent Study (1-3)
Supervised study through field or laboratory projects, guided readings, creative endeavors or achievement of specific skills. Prerequisites: junior or senior status, permission of guiding professor, approval of department chairperson and the dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned.

ENGLISH COURSE (ENG)

4474 Internship in English/Language Arts Education (9)
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester.
The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. **Prerequisite:** Admission to TEP; **Co-requisite:** SED 4454 Internship Seminar for Secondary Education

**Guided Independent Research (1-3)**

Undergraduate research with attention to critical evaluation of research techniques, methods and procedures. **Prerequisites:** junior or senior standing with a minimum overall GPA of 3.0, permission of guiding professor, approval of department chairperson or dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned. Application forms are available in the Office of University Records. Guided independent research may be taken only in the applicant’s major or minor field.

**Guided Independent Study (1-3)**

Supervised study through field or laboratory projects, guided readings, creative endeavors or achievement of specific skills. **Prerequisites:** junior or senior status, permission of guiding professor, approval of department chairperson and the dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned.

**Internship in History Education (9)**
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. **Prerequisite:** Admission to TEP; **Co-requisite:** SED 4454 Internship Seminar for Secondary Education

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. **Prerequisite:** Admission to TEP; **Co-requisite:** SED 4454 Internship Seminar for Secondary Education

**Internship in Mathematics Education (9)**
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. **Prerequisite:** Admission to TEP; **Co-requisite:** SED 4454 Internship Seminar for Secondary Education

**Internship in Music Education (9)**
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. **Prerequisite:** Admission to TEP; **Co-requisite:** SED 4454 Internship Seminar for Secondary Education

**Internship in Music Education (9)**
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. **Prerequisite:** Admission to TEP; **Co-requisite:** IED 4454 Internship Seminar for Interdisciplinary Education

**Internship in Music Education (9)**
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. **Prerequisite:** Admission to TEP; **Co-requisite:** IED 4454 Internship Seminar for Interdisciplinary Education

**General Psychology (3)**

This course provides seniors an opportunity during internship to examine broad educational issues and concerns, topics on the state and local levels and those of personal interest. The scope of the course ranges from juvenile law, classroom management professionalism, professional development for teachers and other course topics. **Prerequisite:** Admission to TEP; **Co-requisite:** IED Internship.
A survey of the basic theories, concepts, principles, and research findings in the field of psychology.

2201 Honors General Psychology (3)
A survey of the basic theories, concepts, principles, and research findings in the field of psychology.

2205 Psychology of Adjustment (3)
A course in mental health, designed to assist the individual in making a good adjustment to the changing requirements of the environment.

2210 Developmental Psychology (3)
A study of human development across the life-span with emphasis on psychosocial, physical, emotional, and cognitive changes.

2230 Orientation to Psychology (3)
Introduction to the language of psychology, APA writing style, and library research. Also includes an overview of career paths in psychology.

3301 Basic Statistics (3)
An introduction to descriptive and inferential statistical concepts, methods, and tools. Topics to be covered include basic terminology, measurement, data description, probability, hypothesis testing, and inferential tests (parametric and non-parametric). May be used for Sociology credit. Prerequisite: MTH 1110 (Finite Math) or higher, with a grade of "C" or better.

3303 Educational Psychology (3)
Characteristics of the learner and the teaching-learning process. Theories of learning, instruction, and motivation, and their application to students in grades P-12.

3304 Abnormal Psychology (3)
The study of mental disorders emphasizing their etiology, classification and amelioration as described in the current classification system of the American Psychiatric Association.

3309 Advanced Statistics (3)
Advanced quantitative methods in psychology. Topics include linear regression, analysis of variance, nonparametric techniques, estimation procedures, individual and multiple comparisons, and experimental design. Prerequisite: PSY 3301

3310 Sensation and Perception (3)
A study of how sensory information helps both the human species and other animals to thrive. Exploration of the senses including their physiological makeup, development and functioning. Theoretical and empirical foundations of perception and the applications of perceptual knowledge are emphasized. Prerequisite: 6 SH of PSY and sophomore or above.

3311 Research Methods (3)
An introduction to the design, analysis, and interpretation of behavioral research, including strategies for reviewing scientific literature and organizing a research report. Prerequisite: PSY 3301

3312 Psychology of Women (3)
The study of women’s experience and gender issues in the context of psychological theory and research.

3320 Child Psychology (3)
The development of children from conception to puberty. Includes physical, cognitive, perceptual, language, social and emotional development.

3322 Abnormal Child Psychology (3)
A study of theories, research, etiology, assessment and diagnosis of Mental Disorders first seen in childhood or adolescence as defined by the current edition of the Diagnostic and Statistical Manual of Mental Disorders. Includes such disorders as ADHD, Conduct Problems, Anxiety, Mood, Mental Retardation, and Autism.

3325 Adolescent Psychology (3)
Adolescents from puberty to early adulthood. Includes physical, cognitive, social, emotional, and personality development in cultural context.

3330 Health Psychology (3)
This course studies the science that connects behavior to health, including psychological processes and the relationship between health and human behavior.

3331 Family Violence (3)
An in-depth study of violence in families, including spousal abuse, child abuse, elder abuse, relationship dynamics, protection services, treatment programs, legal defense strategies, and current legislation. Prerequisite: junior standing or above. NOTE: May be taken for Psychology or Sociology credit, but not both.

3332 Family Violence (3)
An in-depth study of violence in families, including spousal abuse, child abuse, elder abuse, relationship dynamics, protection services, treatment programs, legal defense strategies, and current legislation. Prerequisite: junior standing or above. NOTE: May be taken for Psychology or Sociology credit, but not both.

3340 Psychology of Learning (3)
Introduction to learning and behavior in human and nonhuman animals, including fundamental principles and findings from laboratory investigations of classical, instrumental, cognitive, and social learning.

3346 Educational Assessment (3)
This course provides a study of measurement and evaluation techniques for the classroom teacher. Emphasis will be placed on the selection, evaluation, administration, scoring and interpretation of selected measures of student performance, achievement and behavior. The student will demonstrate skills in utilizing measurement data to plan appropriate learning activities for students. Prerequisite: EDU 3310, NOTE: May not be used to meet the requirements for the PSY major or minor.

3351 Theories of Learning (3)
Critical analysis of the major theories of learning, including the works of Pavlov, Thorndike, Guthrie, Tolman, Hull, Skinner, and Mowrer.

3360 Forensic Psychology (3)
Forensic psychology is the application of the science and profession of psychology to questions and issues relating to law and the legal system. This course will introduce students to the specialty area of Forensic Psychology. Particular emphasis will be on applied aspects of
the field. Prerequisite: 6 SH of PSY

3365 Human Factors Psychology (3)
Analysis of theoretical issues and research methods related to the interaction between people and machines and human performance. Topics include information processing theory, human control systems and displays, task simulation, perceptual and motor factors limiting human performance. Prerequisite: 6 SH of PSY

3370 Comparative Psychology (3)
This course examines the development, causal mechanisms, evolutionary history, and function of the behavior of animals, including humans.

3380 Social Psychology (3)
A theoretical and empirical analysis of social behavior, including selected topics related to social perception, social influence, social interaction, and applied social psychology.

3385 Evolutionary Psychology (3)
An examination of human behavior and cognition from an evolutionary perspective.

3390 Special Topics in Psychology (3)
An examination of selected topics or issues in Psychology. May be repeated for credit when the course content varies. Prerequisite: 6 SH of PSY

4400 Advanced General Psychology (3)
A comprehensive study of the discipline of psychology designed to expand the student’s depth and breadth of knowledge in psychology. Prerequisite: 15 SH of PSY

4401 Psychological Tests and Measurements (3)
Selection, evaluation, administration, scoring, interpretation and uses of tests of intelligence, proficiency, interests, personality, aptitude and social adjustment. Prerequisite: PSY 3301, additional 3 SH of PSY

4402 Principles of Counseling (3)
Overview of major counseling theories and techniques, interviewing, assessment, professional issues and ethics, and a review of research and practical problems. Prerequisite: 6 SH of PSY

4405 Experimental Psychology (3)
Various techniques for conducting scientific research in psychology will be discussed. Course objectives include designing and conducting an experiment as well as analyzing and reporting the results. Prerequisite: PSY 3301, additional 3 SH of PSY

4410 Business and Industrial Psychology (3)
Application of psychology in business and industry including employee selection, performance appraisal, motivation, organizational psychology, consumer motivation, group structures, and personnel problems.

4420 Physiological Dynamics of Alcohol and Other Drugs (3)
Study of physiological and psychological dynamics and resultant behavioral implications in use of alcohol and other drugs. Based on assessment of dynamics and behavior and application of diagnostic procedures using appropriate manuals and materials. Prerequisite: senior standing.

4421 Physiological Psychology (3)
The physiological correlates of behavior will be examined, including such topics as neurotransmitters and hormones, drugs, and the biological roots of mental disorders. Prerequisite: 6 SH of PSY

4430 Introduction to Substance Abuse Counseling (3)
This course provides an introduction to substance abuse counseling through studies of mind-altering substances, etiological theories of addiction, assessment interviewing and screening tests, individual, group, family, and other treatment options, relapse prevention, and community prevention programs.

4434 Drug Education, Prevention and Intervention (3)
A study of commonly abused drugs, drug abuse prevention, and treatment techniques. Examines characteristics of people at high risk to become substance abusers addicted. Prerequisite: senior standing

4435 Treatment of Addictive Family Diseases (3)
A study of typical characteristics of dysfunctional families. Provides the basis for suggested intervention techniques, appropriate areas of family education, and guidelines for effective therapy. Prerequisite: senior standing

4436 Treatment Theories and Modalities of Addictive Diseases (3)
A study of historical perspectives and the most effective treatment and assessment approaches of addictive diseases. Prerequisite: senior standing

4440 Advanced General Psychology (3)
A comprehensive study of the discipline of psychology designed to expand the student’s depth and breadth of knowledge in psychology. Prerequisite: 15 SH of PSY

4441 Psychological Tests and Measurements (3)
Selection, evaluation, administration, scoring, interpretation and uses of tests of intelligence, proficiency, interests, personality, aptitude and social adjustment. Prerequisite: PSY 3301, additional 3 SH of PSY

4442 Principles of Counseling (3)
Overview of major counseling theories and techniques, interviewing, assessment, professional issues and ethics, and a review of research and practical problems. Prerequisite: 6 SH of PSY

4445 History and Systems of Psychology (3)
Study of the development of psychology from its historical antecedents with special emphasis placed on contemporary schools and systems of psychological thought. Prerequisite: 6 SH of PSY

4446 Cognitive Psychology (3)
A study of human intellectual functioning including attention, perception, memory, problem solving, reason
4470 Advanced Theories of Developmental Psychology (3)
Comparative study of major developmental theories from the exogenous, endogenous, and constructivist paradigms. Includes history, structural components, contributions, criticisms, evaluation, and relevant research of each theory. Prerequisite: 6 SH of PSY

4475 Theories of Training and Evaluation (3)
Evaluation issues such as criteria development, organizational assessment, process and outcome criteria along with instructional methodologies such as fairness in training, special populations, second careers, and ethics of organizational and industrial change. Prerequisite: 6 SH of PSY

4480 Senior Seminar in Psychology (3)
A capstone course designed to integrate subject matter learned in previous courses, encourage critical analysis of contemporary issues, and contemplate future educational and employment opportunities in psychology. Prerequisite: Senior standing

4491 Guided Independent Research (3)
This course is designed to provide supervised research in the area of psychology. Opportunities for undergraduate research will be approved with attention to critical evaluation of research techniques, methods, and procedures. Selection of the problem must be approved by the professor under whom the study is to be made and the Department Chair or Dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. Preparation of a scholarly paper and oral defense may be required. Prerequisite: Junior or senior standing with a minimum overall GPA of 3.0. Guided independent research may be taken only in the applicant’s major or minor field. May not be used to repeat a course for which a grade of “D” or less has been earned.

4492 Guided Independent Research (1-3)
This course is designed to provide supervised research in the area of psychology. Opportunities for undergraduate research will be approved with attention to critical evaluations of research techniques, methods, and procedures. Selection of the problem must be approved by the professor under whom the study is to be made and the Department Chair or Dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. Preparation of a scholarly paper and oral defense may be required. Prerequisite: Junior or senior standing with a minimum overall GPA of 3.0. Guided independent research may be taken only in the applicant’s major or minor field. May not be used to repeat a course for which a grade of “D” or less has been earned.

4493 Guided Independent Study (1-3)
Supervised study through field or laboratory projects, guided readings, creative endeavors or achievement of specific skills. Prerequisite: Junior or senior status, permission of guiding professor, approval of department chairperson and the dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned.

4494 Guided Independent Study (1-3)
Supervised study through field or laboratory projects, guided readings, creative endeavors or achievement of specific skills. Prerequisite: Junior or senior status, permission of guiding professor, approval of department chairperson and the dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned.

READING/LITERACY COURSES (RED)

3380 Children’s Literature (3)
The purpose of this course is to assist undergraduate students as they investigate and construct an understanding of and techniques to incorporate children’s literature across the curriculum. Pertinent topics include: award winning authors and titles found in children’s literature among a variety of genre, along with developmentally appropriate instructional techniques.

4481 Language and Literacy Learning I: (P-3)
Literacy instruction for the P-3 learner with emphasis on child development, learning theories, individual differences, emergent and early literacy, and examination of current materials and instructional practices used in teaching literacy. Prerequisite: Admission to TEP

4482 Language and Literacy Learning II: Grades (4-6)
Literacy instruction for the 4th-6th grade learner with emphasis on the principles of reading and language arts instruction, teaching strategies, and methods of expanding reading power. This course requires substantial field experience in the 4th-6th grade setting. Prerequisite: Admission to TEP

4483 Language and Literacy III: Intervention Strategies
Principles of assessment and evaluation for improving the language and literacy learning. Pre-service teachers will be introduced to the variety of screening and testing instruments for use in modifying students’ instructional programs. Formal and informal methods for classroom observations will be explored, and methods for translating data collected for classroom management and/or communication to learners’ parents will be introduced. The issues of privacy and ethical treatment of confidential records will also be addressed. Prerequisite: Admission to TEP

4484 Language and Literacy IV (3)
This course provides a study of teaching reading in grades P-12 emphasizing methods in the content areas. Prerequisites: EDU 3310, 20 semester hours in the major, and admission to TEP.
4491-4492 Guided Independent Research (1-3)
Undergraduate research with attention to critical evaluation of research techniques, methods and procedures. Prerequisites: junior or senior standing with a minimum overall GPA of 3.0, permission of guiding professor, approval of department chairperson or dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned. Application forms are available in the Office of University Records. Guided independent research may be taken only in the applicant’s major or minor field.

4493-4494 Guided Independent Study (1-3)
Supervised study through field or laboratory projects, guided readings, creative endeavors or achievement of specific skills. Prerequisites: junior or senior status, permission of guiding professor, approval of department chairperson and the dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned.

SCIENCE COURSE (SCI)

4474 Internship in Science Education (9)
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. Prerequisite: Admission to TEP; Co-requisite: SED 4454 Internship Seminar for Secondary Education

SECONDARY EDUCATION COURSES

4454 Internship Seminar for Secondary Education (3)
This course provides seniors an opportunity during internship to examine broad educational issues and concerns, topics on the state and local levels and those of personal interest. The scope of the course ranges from juvenile law, classroom management professionalism, professional development for teachers and other course topics. Prerequisite: Admission to TEP; Co-requisite: SED Internship.

4481 Methods and Materials for the Secondary Teacher (3)
Teaching methods, selection, organization and use of materials and resources in the secondary school discipline(s). Observation and teaching experiences will be included. Prerequisites: EDU 3310 and admission to TEP.

4491-4492 Guided Independent Research (1-3)
Undergraduate research with attention to critical evaluation of research techniques, methods and procedures. Prerequisites: junior or senior standing with a minimum overall GPA of 3.0, permission of guiding professor, approval of department chairperson or dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned. Application forms are available in the Office of University Records. Guided independent research may be taken only in the applicant’s major or minor field.

SCIENCE COURSE (SCI)

4474 Secondary Internship in Grades 6-12 (9)
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. Prerequisite: Admission to TEP; Co-requisite: SED 4454 Internship Seminar for Secondary Education

SPECIAL EDUCATION COURSES (COLLABORATIVE TEACHER)

3302 Introduction to Moderate/Severe Disabilities (3)
This course presents an overview of the social, emotional, physical, and learning characteristics of children and youth with moderate and severe disabilities. Emphasis is placed on information regarding the definition, prevalence, and etiology of moderate and severe disabilities as well as information pertaining to the classification, assessment, placement, instruction, and programming needs and services for individuals with moderate and severe disabilities. Prerequisite: Admission to TEP
3306 Teaching Students with Mild Disabilities (3)
This course will focus on organizational procedures, universal design of curriculum, methods and techniques used in educating students with specific learning disabilities, mild mental retardation, emotional/behavioral disorders, and attention deficit/hyperactive disorders in grades kindergarten through sixth grade who are in need of academic and social learning support in the general education classroom or in a special education classroom. Emphasis will be placed on direct teaching, designing accommodations and adaptations to teaching materials and methods in an effort to assist the disabled learner in accessing the general education curriculum in both a resource room and/or an inclusive general education classroom. This course requires extensive work within the K-6 special education and general education classrooms of a public school. Prerequisite: Admission to TEP

3307 Strategies Instruction (3)
This course bridges the gap between research and practice and extends knowledge of specific methods for teaching students (k-6) with mild disabilities. The premise of this course is that strategic learning is critical for many students with mild disabilities in order that they may achieve academic success and function at the level of their potential. Prerequisite: Admission to TEP

3309 Teaching Students with Moderate/Severe Disabilities (3)
This course emphasizes a variety of divergent strategies and resources that enhance the educational performance of students with moderate and severe disabilities. Special emphasis is placed on the design of a circle of care for students with complex needs. Prerequisite: Admission to TEP

3330 Integrating Assistive Technology (2)
This course will provide an overview of computer-based technologies as they relate to the teaching and learning of all students, as well as the use of assistive technology to facilitate the successful integration of individuals with disabilities. Selection, modifications, and classroom use of technologies to improve or bypass physical, sensory, communicative, learning, and social limitations will be explored. Prerequisite: Admission to TEP

3340 Diverse Learners (3)
The purpose of this course is oriented toward identifying exceptional students and providing appropriate learning experiences in the classroom setting. This course is a survey of the nature and needs of exceptional children and an introduction to their educa-tional programs.

3346 Assessment in Special Education (3)
The purpose of this course is to provide students with a comprehensive study of assessment of the exceptional student. This course emphasizes the underlying concepts of test and measurement, formal and informal assessment, test administration, the interpretation and utilization of test information for identification and eligibility, and the interpretation and utilization of diagnostic results in educational intervention. Prerequisite: Admission to TEP

3349 Introduction to Students with Mild Disabilities (3)
A survey of the physical, sensory, communication, cognitive, and behavioral characteristics of students with mild disabilities (to include students with specific learning disabilities, mental retardation, and emotional disorders) and the impact of these characteristics on learning, curriculum, program development, and needed services and support.

3362 Policies and Procedures in Special Education (3)
This course is an advanced undergraduate course for prospective special education collaborative teachers K-6. This course outlines the legal responsibilities and role of the special education teacher in the procedures and services of special education. The assessment/program planning program is emphasized. Prerequisite: Admission to TEP

4445 Educational Evaluation of Exceptional Children (3)
This course is designed to provide the pre-service teacher with knowledge and skills in the selection, evaluation, administration, scoring and interpretation of standardized instruments in the areas of academic achievement, diagnostic tests, adaptive behavior, and behavior rating scales. Students will demonstrate the utilization of test results for the development of an individualized education plan, individualized family service plan, and learning outcomes for the general education classroom. Prerequisites: SPE 3340, PSY 3320, PSY 3303, and admission to TEP.

4454 Internship Seminar in Collaborative Teacher K-6 (3)
This course provides seniors an opportunity during internship to examine broad educational issues and concerns, topics on the state and local levels and those of personal interest. The scope of the course ranges from juvenile law, classroom management professionalism, professional development for teachers and other course topics. Prerequisite: Admission to TEP; Co-requisite: SPE Internship.

4460 Collaboration in Education Practices (3)
This course provides students with both the intrapersonal and interpersonal skills needed to effectively collaborate with other teachers, administrators, parents and agencies.

4474 Collaborative Teacher K-6 Internship (9)
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed,
reflective decision-maker throughout the internship experience. Prerequisite: Admission to TEP; Co-requisite: SPE 4454 Internship Seminar for Collaborative Teacher K-6

4491-4492  Guided Independent Research (1-3)
Undergraduate research with attention to critical evaluation of research techniques, methods and procedures. Prerequisites: junior or senior standing with a minimum overall GPA of 3.0, permission of guiding professor, approval of department chairperson or dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned. Application forms are available in the Office of University Records. Guided independent research may be taken only in the applicant’s major or minor field.

4493-4494  Guided Independent Study (1-3)
Supervised study through field or laboratory projects, guided readings, creative endeavors or achievement of specific skills. Prerequisites: junior or senior status, permission of guiding professor, approval of department chairperson and the dean. A written request is to be submitted to the department chairperson at least two weeks in advance of the term in which study is to be undertaken. May not be used to repeat a course for which a grade of “D” or less has been earned.

SOCIAL SCIENCE COURSE (SS)

4474  Internship in Secondary Social Science Education (9)
The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester. The student will demonstrate skills of the informed, reflective decision-maker throughout the internship experience. Prerequisite: Admission to TEP; Co-requisite: SED 4454 Internship Seminar for Secondary Education
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