EARLY EDUCATION

ADMPS 1001 SOCIAL FOUNDATIONS OF EDUCATION 3 cr.

This course is a broad-based overview of education addressing education issues and policies in the United States. An interdisciplinary approach will be used to explore the historical, philosophical, and sociological development of education. Group discussion will facilitate the application of principles and concepts to current issues in education.

Prerequisite: None.

I&L 0020 DIRECTED TUTORING 1-3 cr.

Provides Pre-Education majors with tutoring experiences in area school districts or other field settings.

Prerequisites: ADMPS 1001; (PSY 1001 or PSYED 1001); I&L 1000, I&L 1330 or permission of instructor.

I&L 1060 EDUC. OF EXCEPTIONAL STUDENTS IN THE CLASSROOM I 3 cr.

An introduction to teaching exceptional students in mainstream classrooms. This course will provide students who plan to become educators with opportunities to develop a knowledge base of attitudinal issues regarding inclusive educational practices and a philosophical orientation toward effective inclusion support strategies; increase interpersonal skills for working effectively with individuals and groups; and increase technical skills in observing, planning, assessing, and evaluating for both behavioral and instructional challenges.

Prerequisites: ADMPS 1001; (PSY 1001 or PSYED 1001).

I&L 1061 EDUC. OF EXCEPTIONAL STUDENTS IN THE CLASSROOM II 3 cr.

In this course, knowledge and attitudes introduced in I&L 1060 will be enriched as students obtain additional strategies for supporting students with special needs in their classrooms. Specific foci include: (1) developing management and behavioral intervention plans, (2) developing additional accommodation and support strategies, (3) working with students with mental illness, and (4) enhancing the skills introduced in I&L 1060. Students will also partake in field experiences in classrooms with included students.

Co-requisite: I&L 1700 or I&L 1702 (I&L 1700/702 must be taken at the same time or before I&L 1061). Prerequisites: I&L 1060, (I&L 1330 or I&L 1332); PLAN: Early Childhood Education Major.
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<td>I&amp;L 1150</td>
<td>HEALTH EDUC. IN THE PRIMARY YRS: ISSUES AND STRAT.</td>
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<td>I&amp;L 1161</td>
<td>SOCIAL STUDIES IN THE PRIMARY YEARS</td>
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<td>EMERGENT LITERACY</td>
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<td>I&amp;L 1215</td>
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This course provides the background information and skills teachers need to implement comprehensive school health education at the grade level at which they are certified. Information is provided on school health services, safe and healthful school environments, a comprehensive school health curriculum, and instructional strategies and technologies.

*Prerequisites: I&L 1324, I&L 1700; PLAN: Early Childhood Education Major.*

This course familiarizes pre-service early childhood educators with the Pennsylvania and National Social Study Standards; strategies for developing materials and teaching social studies; and resources for teaching social studies.

*Prerequisites: I&L 1324, I&L 1700; PLAN: Early Childhood Education Major.*

This course focuses on children’s language acquisition and early literacy development. Included are research, instructional models and strategies, curriculum design, assessment practices, and the selection and use of children's literature in the development of the necessary foundations for effective speaking, listening, reading, and writing.

*Co-requisite: I&L 1700 (I&L 1700 must be taken at the same time or before I&L 1210). *

*Prerequisites: ENGLIT 1640; PSY 0310, (PSY 1001 or PSYED 1001); PLAN: Early Childhood Education Major.*

As one of three courses designed to examine the development of literacy from the earliest years through grade four, this course focuses primarily on the teaching of reading in the early elementary grades. Theories and research are examined, and a variety of instructional practices and materials are presented for teaching children how to read and comprehend the meaning of various types of written text. Included are means of assessment for analyzing children’s reading abilities and for differentiating reading instruction based on those analyses.

*Co-requisite: I&L 1225*  

*Prerequisites: ENGLIT 1640; I&L 1700; PLAN: Early Childhood Education Major.*
I&L 1218 ASSESSMENT IN EDUCATION 3 cr.
This course focuses on research, policies, and best practices related to assessment in educational settings. Both formal and informal instruments and approaches will be discussed with an emphasis on means of assessment that can be used by teachers of young children to link assessment to curriculum planning, to guide children’s development, and to evaluate programs.

Co-requisite: I&L 1700 (I&L 1700 must be taken at the same time or before I&L 1218).
Prerequisites: I&L 1330; MATH 0050, MATH 0052; PLAN: Early Childhood Education Major.

I&L 1220 LANGUAGE ARTS IN THE PRIMARY YEARS 3 cr.
As one of three courses designed to examine the development of literacy from the earliest years through grade four, this course focuses primarily on writing, speaking, and listening abilities. Included are the theories, research, instructional approaches, and materials needed to support children during the early elementary grades in communicating effectively through various types of writing, through appropriate speech for differing situations, and through active listening to others’ communication. Topics such as spelling, grammar, handwriting, and the writing process also are addressed.

Co-requisite: I&L 1225.
Prerequisites: ENGLIT 1640; I&L 1700; PLAN: Early Childhood Education Major.

I&L 1222 MATHEMATICS IN THE PRIMARY YEARS 3 cr.
This course is designed to provide the theoretical background and the pedagogical and psychological concepts necessary for planning, implementing, and assessing a mathematics program for the early elementary grades. A variety of instructional approaches will be introduced, with particular emphasis on teaching mathematics through problem solving and active learning experiences. Contents will include the selection and preparation of appropriate instructional materials for effectively facilitating the learning of mathematical content and process skills, and for integrating this learning with other areas of the elementary school curriculum.

Co-requisite: I&L 1225.
Prerequisites: MATH 0050, MATH 0052; I&L 1700; PLAN: Early Childhood Education Major.

I&L 1225 PEDAGOGY LAB – LITERACY AND MATHEMATICS 1 cr.
A one credit course that is required of all students pursuing early childhood education. The pedagogy lab allows students to experience in actual classroom settings the implementation of pedagogical techniques learned in the content courses, particularly the literacy and mathematics courses. Dual placements of 15 hours each are arranged at two different levels in the early elementary grades: K-1 and 2-4. The lab experience is intended to create an essential bridge that spans content and pedagogy in order to connect theory to practice.

Prerequisites: I&L 1700; PLAN: Early Childhood Education Major.
I&L 1275            INTEGRATING THE CREATIVE ARTS            3 cr.

This course focuses on the development of the concepts and skills underlying creative arts programs for children from pre-kindergarten through grade four. Introduced will be a variety of approaches for facilitating the learning of content and skills drawn from the visual arts, music, drama, and dance, and for integrating this learning with other areas of the curriculum.

Prerequisite: I&L 1330.

I&L 1324            ENGAGING YOUNG CHILDREN IN LEARNING            3 cr.

This course focuses on the establishment of an educational curriculum and environment that fosters the growth and development of children in all areas -- cognitive, social, physical, and emotional – during the pre-kindergarten and early kindergarten periods. Components of the course include the foundations of early childhood education; curriculum models and approaches; classroom management and scheduling; integrated instructional planning, including play; observation and other assessment approaches appropriate for use with very young children; and indoor and outdoor environmental design. One component of the course is a field experience in a pre-kindergarten setting.

Prerequisites: I&L 1330, I&L 1700; PLAN: Early Childhood Education Major.

I&L 1330            STRAT. & TECH. OF INSTRUCTION-EARLY CHILDHOOD            3 cr.

This course focuses on basic teaching strategies for prospective teachers of education. It focuses on instructional planning, classroom management, models of instruction, instructional technologies, and the interactive skills of classroom teaching. The selection and organization of content is examined in terms of such factors as the availability of resources, curriculum standards, research trends, preferred teaching and learning strategies, desired learning outcomes, thinking and study skills, and students’ development and cultural needs. Extensive use is made of taxonomies of learning for defining objectives and analyzing questioning, teaching, instructional design, and assessment strategies. The instructional needs of special education students within the regular classroom setting are addressed. This course includes both lecture and hands-on activities.

Prerequisites: ADMPS 1001; PSY 0310, (PSY 1001 or PSYED 1001).

I&L 1410            SCHOOL-FAMILY-COMMUNITY COLLABORATION            2 cr.

This course focuses on partnerships among inclusive schools/programs serving children with and without special needs, families, and the community. Emphasis is placed on requisite skills and benefits for successfully establishing, supporting, and maintaining respectful collaborative relationships among today’s schools/centers, diverse families, and community agencies that enhance the educational experiences and well-being of all children.

Prerequisites: I&L 1700; SOC 0455; PLAN: Early Childhood Education Major.
I&L 1420  SCIENCE IN THE PRIMARY YEARS  2 cr.

This course is designed to help students develop the theoretical background and the pedagogical knowledge and skills necessary for teaching science in the early elementary grades. Included are a variety of approaches for effectively facilitating the learning of content and skills drawn from the sciences, from environmental studies, and from technological developments, and for integrating this learning with other areas of the curriculum.

Prerequisites: BIOSC 1385; GEOL 0860; I&L 1700, NATSC 0070, NATSC 0270; PLAN: Early Childhood Education Major.

I&L 1425 ENGINEERING AND TECHNOLOGY IN THE ELEMENTARY CLASSROOM  4 cr.

Students in this course will explore different types of engineering and, using this foundation, will develop activities and lessons that they will then facilitate in early childhood classrooms. Student-developed lessons will utilize the engineering design process and require creativity and teamwork from the elementary students. Under the supervision of University faculty, pre-service teachers will gain 15 hours of field experience teaching engineering to students in schools. Prerequisites: IL 1700, NATSC 0070; Plan: Early Childhood Education Major (Must have been admitted to upper level program.)

I&L 1700  EARLY FIELD EXPERIENCE – EARLY CHILDHOOD  3 cr.

Introductory field experience for undergraduate students who plan to enter the teaching profession. Offers opportunities to observe young children in elementary classrooms and early childhood educations centers and assist master teachers in various subject areas.

Prerequisites: ADMPS 1001; I&L 1330; PSY 0310, (PSY 1001 or PSYED 1001).

I&L 1810  PRE-STUDENT TEACHING – EARLY CHILDHOOD  1 cr.

This one-hour course allows students to observe and participate in the classroom where they will student teach. The purpose is to integrate the education major into the class so that increased learning and participation during student teaching occurs.

Prerequisites: I&L 1215, I&L 1220, I&L 1222, I&L 1225, I&L 1324; I&L 1700; PLAN: Early Childhood Education Major. Note: To be taken the semester prior to Student Teaching.

I&L 1820  STUDENT TEACHING – EARLY CHILDHOOD  12 cr.

A full-time practicum for teacher certification candidates. Provides opportunities to observe, plan, conduct, and evaluate students in the school setting and receive professional feedback from University supervisor and experienced master teachers.

Co-requisite: I&L 1875.
Prerequisites: I&L 1810; PLAN: Early Childhood Education Major.
I&L 1875 STUDENT TEACHING SEMINAR – EARLY CHILDHOOD 1 cr.

A seminar for student teachers in the certification field that emphasizes collaborative problem solving of practical teaching problems and continued professional development.

Co-requisite: I&L 1820.
Prerequisites: I&L 1810; PLAN: Early Childhood Education Major.

I&L 1900 INDEPENDENT STUDY 1-3 cr.

Note: Department Consent Required.

ADDITIONAL COURSES (required of all Education Majors)

EDPSY 0009 ENGLISH LANGUAGE LEARNERS 1 cr.

Designed primarily for pre-service teachers, this course familiarizes students with basic materials, resources, and strategies for making appropriate accommodations in the regular classroom setting for students whose primary language is not English.

Prerequisites: ADMPS 1001; PSY 0010.

PEDC 0310 HEALTH SCIENCE 3 cr.

This course explores major physical and mental health issues including the physiological process underlying these health concerns and risk reduction strategies. Topics include discussion of numerous infectious vs non-infectious diseases, physiology of stress, science of nutrition and weight control, and the physiological effects of alcohol, drugs, and tobacco.

Prerequisite: None.
PSY 0310 DEVELOPMENTAL PSYCHOLOGY 3 cr.

An in-depth look at how human psychology changes from conception to adolescence. Theories of social, emotional, cognitive, and physical development are discussed, as well as the influences of the Child’s environment, family, and school. Examples of the special research methods needed to study change and the very young are discussed and shown in short film clips.

Prerequisite: PSY 0010.

PSY 1001 INTRODUCTION TO EDUCATIONAL PSYCHOLOGY 3 cr.
PSYED 1001

A survey of current problems in education which psychological theory and research can address. Topics include developmental approaches to teaching, educational applications of learning theory, classroom management, and testing strategies for teachers. Lecture and discussion.

Prerequisite: PSY 0010.