

# Education (EDUC)

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## Courses

### **EDUC 1110 Education and Schooling in the U.S.: 3 semester hours.**

Survey of historical, sociological, and political issues related to public education and the system of schooling in the U.S. Partially satisfies Objective 6 of the General Education Requirements. F, S

### **EDUC 1150 Educational Careers: 1 semester hour.**

An introduction to careers in education via faculty presentations, guest speakers, collaborative learning activities, and assignments. The course is intended for candidates interested in exploring careers in education. F, S

### **EDUC 1170 Tutoring Reading: 1 semester hour.**

Intensive reading strategies for the tutelage of children or adults. Interactive learning, lecture and demonstrations enable candidates to provide basic tutoring skills in literacy. Meets tutoring requirements for America Reads and other volunteer reading initiatives. Can be repeated for up to 2 credits. PREREQ: Permission of instructor. Graded S/U. D

### **EDUC 1199 Experimental Course: 1-6 semester hours.**

The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

### **EDUC 2201 Development and Individual Differences: 3 semester hours.**

Examination of human development/individual differences as a basis for reflecting on learning. Requires 12 hours of field experience in designated settings.

### **EDUC 2204 Families Community Culture: 3 semester hours.**

Examination of interactions among school, family, community, and culture as a basis for reflecting on the social contexts of learning. Field experience in designated settings with diverse populations may be required. Satisfies Objective 9 of the General Education Objectives. F, S, Su

### **EDUC 2210 Peer Tutor Training: 1 semester hour.**

Introduction to individual and small group tutoring with adult students. Emphasis on teaching strategies, communication skills, ethics, and learning styles. Graded S/U. F, S

### **EDUC 2215 Using Technology in a Digital World: 3 semester hours.**

Provides strategies and techniques to function effectively in a dynamic technological era, promotes development of practical computer-related skills in various software packages for immediate application to varied curricular areas and future workplaces, facilitates the development and application of problem-solving skills, and addresses the economic, ethical, legal, and social issues related to the use of technology in education and other professional fields. F, S, Su

### **EDUC 2235 Introduction to Elementary Art Methods and Materials: 1 semester hour.**

Exploration of media, methods, and materials useful in the integration of art with the elementary curriculum. F, S, Su

### **EDUC 2295 Field Practicum: 1 semester hour.**

Introduction to fieldwork in education. Fieldwork experiences may include individual and small group tutoring, presentations, involvement in Future Educators associations and service learning. Emphasis on teaching strategies, learning styles, and methods of instruction. F, S

### **EDUC 2299 Experimental Course: 1-6 semester hours.**

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### **EDUC 3301 Inquiring Thinking Knowing: 3 semester hours.**

Examination of multiple perspectives on inquiring, thinking, and knowing as a basis for reflecting on educational practice. PREREQ: Admission to Teacher Education Program; EDUC 2201 and EDUC 2204. F, S, Su

### **EDUC 3302 Motivation and Management: 3 semester hours.**

Examination of multiple perspectives on student motivation/management of learning environments as bases for reflecting on educational practice. Minimum grade of C required. PREREQ: EDUC 3308. PRE or COREQ: EDUC 4408. F, S

### **EDUC 3308 Foundations of Educational Knowledge, Planning, and Assessment: 3 semester hours.**

EDUC 3308 is the foundational course of the ISU Teacher Education Program and is intended to be taken the first semester after admittance to the TEP. EDUC 3308 consists of two components: an ISU classroom component and a fieldwork component. For the ISU classroom component, teacher candidates will be introduced to foundational educational concepts and terminology, including: lesson and unit planning and analysis; Idaho Core and content standards; Danielson Framework for Teaching; educational assessment (assessing student learning, assessing curriculum effectiveness); strategies for teaching and learning; and APA. In the fieldwork component, teacher candidates will be placed in K-12 schools according to their majors/endorsements and their overall Fieldwork Placement Plan. During the EDUC 3308 field experience, candidates will complete focused observations, analyses, application assignments, and teaching assignments. EDUC 3308 must be completed with a minimum grade of C or higher to continue course sequencing. PREREQ: EDUC 2201, EDUC 2204, Admission to Teacher Education program; completion of Fieldwork Placement Plan. Minimum grade of C required. F, S

### **EDUC 3309 Instructional Planning Delivery and Assessment: 6 semester hours.**

Analysis of multiple planning models, teaching methods, assessment approaches as bases for instructional decision making, delivery, and the assessment of learning. PREREQ: EDUC 3302, and SPED 4450. F, S

### **EDUC 3310 Efficient Reading: 1 semester hour.**

Emphasis on developing flexibility and acceleration of reading speed and refinement of comprehension skills through intensive practice of rapid reading and comprehension building techniques applied to fiction and textbook reading. PREREQ: Permission of instructor. Graded S/U. D

### **EDUC 3311 Instructional Technology: 3 semester hours.**

Analysis of content, strategies, and evaluation for integrating technology into school curricula. Includes use of educationally appropriate software and apps. Minimum grade of C required. PREREQ: EDUC 3308 with a minimum grade of C; IC3 Key Applications Exam or EDUC 2215. F, S

### **EDUC 3321 Language Arts Methods: 3 semester hours.**

Theory and application of teaching methods for word recognition strategies, developmental writing, and evidence-based language arts skills in preK-elementary schools. Introduction to reading and writing disabilities. Thirty-hour laboratory experience required. Minimum grade of C required. PREREQ: Admission to Teacher Education Program. PRE or COREQ: EDUC 3308 with a grade of C or higher. F, S

### **EDUC 3322 Literature for Children across the Curriculum: 3 semester hours.**

Study of different types of children's literature, authors, and poets. Emphasis on strategies for implementing literature, teaching vocabulary and comprehension, and teaching the writing process in grades K-8. Fifteen hour lab required. Minimum grade of C required. PREREQ: EDUC 2201 and EDUC 2204 with a minimum grade of C; Admission to Teacher Education Program. F, S

**EDUC 3327 Young Adult Literature for Teachers: 3 semester hours.**

This course will explore the genre of young adult literature in relationship to education. Minimum grade of C must be earned. OF

**EDUC 3330 Elementary Math Methods: 3 semester hours.**

Study of the subject matter of elementary math programs. Emphasis on teaching methods and materials. Field experience required. Minimum grade of C required. PREREQ: MATH 2256, MATH 2257, and EDUC 3308 with a minimum grade of C. F, S

**EDUC 3331 Science Methods for Teachers: 3 semester hours.**

This course investigates the scope and sequence of the K-12 science curriculum, instructional strategies, and research into how students learn science. Strategies for teaching the Science and Engineering Practices, Crosscutting Concepts, and Disciplinary Core Ideas and implementing the Idaho State Science Standards K-12 will be explored. Topics include laboratory and field safety, assessment, planning, discussions, integration of literacy and technology, and the adaptation of instructional strategies for use in the K-12 school science classroom. Field experience may be required. Minimum grade of C required. PREREQ: EDUC 3308 with a minimum grade of C. F, S

**EDUC 3334 Secondary School Art Methods and Materials: 3 semester hours.**

Demonstrations and practical methods and problems involved in teaching art. Practical work in all art media used at the secondary school level. Equivalent to ART 3334. D

**EDUC 3336 Social Science Methods: 3 semester hours.**

Study of subject content of the social studies program with emphasis on methods and materials used by the teacher, K-12. Field experience required. Minimum grade of C required. PREREQ: EDUC 3308 with a minimum grade of C. F, S

**EDUC 3340 Methodology and Diagnosis in ECE: 1-5 semester hours.**

Supervised practice in an approved nursery, day care center, and/or kindergarten based upon the results of diagnostic/prescriptive procedures utilized during prior coursework which indicates the student's progression and needs. PREREQ: Permission of Early Childhood Coordinator and admission to Teacher Education Program. D

**EDUC 3399 Experimental Course: 1-6 semester hours.**

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**EDUC 4401 Content Area Literacy: 3 semester hours.**

Synthesis of principles of language and literacy as a basis for teaching in all curriculum areas. Minimum grade of C required. PREREQ: EDUC 2201 and EDUC 2204 with a minimum grade of C; Admission to Teacher Education program. F, S

**EDUC 4408 Pre-Internship Field Experience Seminar: 3 semester hours.**

Teacher candidates synthesize and apply knowledge gained in previous core teacher education coursework through documenting teaching performances by planning, assessing, and instructing learners in a K-12 school setting. During a 100-hour field experience, candidates will work collaboratively with other teacher candidates, classroom teachers, and university faculty to develop and teach lessons to meet diverse student needs, Idaho Core and Content Standards, and classroom learning goals. PREREQ: EDUC 3308. COREQ: EDUC 3302. F, S

**EDUC 4414 Pedagogy and Content Knowledge: 3 semester hours.**

Investigation of the structure of subject matter knowledge and how it determines pedagogical content. The course will examine philosophical perspectives, analyze models of teaching, and investigate contemporary evidence-based applications. PREREQ: EDUC 3321 or instructor permission. F, S, Su

**EDUC 4419 Developmental Literacy and Assessment: 3 semester hours.**

Assessment administration, analysis, and data-informed instructional planning and strategies for reading and writing, emphasizing early literacy and language development, comprehension, and metalinguistic awareness for all populations pre-K-8. Laboratory experience required. Minimum grade of C required. PREREQ: EDUC 3321 with a minimum grade of C. F, S, Su

**EDUC 4420 Advanced and Compensatory Reading and Writing: 3 semester hours.**

Advanced training in developmental, remedial reading and writing, emphasizing evidence-based strategies in knowledge building, study skills, critical reading, metacognition, and writing. PREREQ or COREQ: EDUC 4419 F, S

**EDUC 4424 Assessing Literacy Abilities: 3 semester hours.**

Methods of assessment in literacy. Introduction to case study, formal and authentic measures of comprehension, vocabulary, study strategies, and writing. PREREQ: EDUC 4419 or permission of instructor. F, Su

**EDUC 4426 Remediation of Literacy Problems: 3 semester hours.**

Teaching strategies for remediating problems in literacy, including dyslexia and other reading/writing disabilities. Emphasis on planning, implementing, and evaluating approaches and materials. Laboratory experience required. PREREQ: EDUC 4419. F, S, Su

**EDUC 4433 Language, Literacy, & Neurology: 3 semester hours.**

Theories and principles based on research in psycholinguistics and neurophysiology as related to literacy, including literacy difficulties such as dyslexia and dysgraphia. PREREQ or COREQ: EDUC 3321 F, S, Su

**EDUC 4438 Methods of Teaching Agricultural Education: 3 semester hours.**

The course integrates pedagogical methods with technical coursework in agricultural education, agricultural mechanics, agricultural business management, soil science, animal science, plant science, and horticulture. Designed to prepare the agriculture education teacher with the necessary methodology to successfully teach agricultural science and technology education courses at the secondary level. D

**EDUC 4460 Foundations of ESL: 3 semester hours.**

Study of ESL learner characteristics, historical, philosophical, cultural and linguistic foundations of ESL. Theories of language acquisition and those of leaders in the field will be included. Minimum grade of C required. PREREQ: EDUC 2201 and EDUC 2204 with a minimum grade of C; Admission to Teacher Education Program. S

**EDUC 4463 ESL Methods: 3 semester hours.**

Language assessment, planning, and delivery, for teaching English language learners in K-12 educational settings. Appropriate methods for students at various developmental stages of language acquisition will be studied. PREREQ: Admission to Teacher Education Program, EDUC 3308, EDUC 4460 or permission of instructor. F

**EDUC 4464 ESL Practicum: 1 semester hour.**

Field experience in settings with English-as-a-second-language learners. COREQ: EDUC 4463 or permission of instructor. F

**EDUC 4470 Advanced Mathematics Methods: 3 semester hours.**

Study of methods for teaching K-12 mathematics through the modern math approach stressing modeling, discourse, and reasoning. Consideration is given to instructional and curricular modifications to support all students. Minimum grade of C required. PREREQ: EDUC 2201 and EDUC 2204 with a minimum grade of C; Admission to Teacher Education program. D

**EDUC 4479 Geography for Educators: 3 semester hours.**

Study of geographic content and skills; and teaching methods (K-12) necessary for the development of a geographic mindset. Emphasis on the cultural, physical, and spatial content and concepts associated with an understanding of geography as a K-12 subject area discipline. Appropriate instructional and assessment strategies are examined.

**EDUC 4481 Contemporary Issues in Education: 1-3 semester hours.**

Examination and analysis of contemporary issues and trends in theories and practices in education. D

**EDUC 4482 Contemporary Issues in Education: 1-3 semester hours.**

Examination and analysis of contemporary issues and trends in theories and practices in education. D

**EDUC 4485 Independent Problems in Education: 1-3 semester hours.**

Individual work under staff guidance. Field and/or library research on specific educational problems of interest to majors in education. Experience in research composition. May be repeated with permission of instructor. PREREQ: Permission of instructor. F, S, Su

**EDUC 4486 Content Specialist Practicum: 1 semester hour.**

This course provides university supervision for candidates who have been hired by a school district on a content specialist alternative route contract, and will include the state requirements of evaluations, common summative assessment (CSA) and individualized performance learning plan (IPLP). May be repeated. Graded S/U. PREREQ: Permission of instructor. F, S

**EDUC 4487 Teacher to New Endorsement Practicum: 1 semester hour.**

This course provides university supervision for candidates who are currently certified teachers adding an additional endorsement to their credential and will include the state requirements of the evaluations, common summative assessment (CSA) and individualized performance learning plan (IPLP). May be repeated. Graded S/U. PREREQ: Permission of instructor. F, S

**EDUC 4490 Methods of Teaching Computer Science: 3 semester hours.**

This course will draw on existing coursework and pedagogical knowledge in computer science to provide secondary teaching majors with the content background and experiences to be effective computer science teachers. Field Experience required. Minimum grade of C or higher. Prerequisites: EDUC 3308 and instructor permission. D

**EDUC 4491 Seminar: 1-3 semester hours.**

Critical analysis of the literature in one or more areas of education. Limited enrollment. PREREQ: Permission of instructor. F, S, Su

**EDUC 4493 Student Teaching: 3-12 semester hours.**

Candidates assume instructional and management responsibilities in supervised educational setting appropriate for their degree. Includes weekly professional development seminar. May be repeated up to 12 credits. PREREQ: Admission to Teacher Education Program and/or approved application. Graded S/U. F, S

**EDUC 4498P Professional Development Workshop: 3 semester hours.**

New methods and opportunities to enhance and supplement skills. Subject to the approval of the Dean of the student's college, a maximum of eight credits earned in workshops may be applied toward a degree; students taking the courses only for personal development may choose the 0-credit option; those seeking professional development must choose a for-credit option.

**EDUC 4499 Experimental Course: 1-6 semester hours.**

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