EDUCATION | SCHOOL OF TEACHING AND LEARNING

Not all courses are offered every semester. Refer to the schedule of courses for each term’s specific offerings.
More Info (http://registrar.ufl.edu/soc)

Unless otherwise indicated in the course description, all courses at the University of Florida are taught in English, with the exception of specific foreign language courses.

Department Information

With more than three-dozen faculty and students from all over the world, the School of Teaching & Learning offers on-campus and online programs in a diverse range of subjects in education.

Website (https://education.ufl.edu/school-teaching-learning)

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GAINESVILLE FL 32611-7048
Map (http://campusmap.ufl.edu/#/index/0007)

Curriculum
• UFTeach | Mathematics or Science Minor

Courses

ARE 4940 Student Teaching in Art Education 4-12 Credits
Grading Scheme: S/U
Student-teaching classroom experience in art.
Prerequisite: minimum 2.5 GPA and art education major.

EDE 3941 Clinical Rotations Across Diverse Elementary School Contexts 2 Credits
Grading Scheme: Letter Grade
Engage in clinical rotations across diverse elementary school contexts and participate in seminars with university supervisors. Students will apply, extend, and reflect on the concepts, questions, theories, and models studied in university-based teacher preparation courses.
Prerequisite: Elementary Education major.

EDE 4905 Individual Study 1-3 Credits
Grading Scheme: Letter Grade
In-depth study of a problem that relates to teacher preparation. The project must be approved and supervised by a department faculty member.

EDE 4940 Internship in Elementary Education 1-6 Credits
Grading Scheme: S/U
Teacher candidates will gain competence in the planning for, teaching, and assessment of diverse students in school settings. Candidates collaborate with a mentor teacher to practice using various models of co-teaching and a variety of equity pedagogy instructional strategies to support the learning of all students.
Prerequisite: Elementary Education major.

EDE 4942 Integrated Teaching in Elementary Education 2 Credits
Grading Scheme: S/U
This field component is an intensive experience completed during the integrated semester in language arts and social studies in the inclusive classrooms. (S-U)
Prerequisite: EEX 3070;
Corequisite: EEX 4905

EDF 1005 Introduction to Education 3 Credits
Grading Scheme: Letter Grade
Overview of education, teaching and schools; a survey of historical, philosophical and social foundations; and an orientation to professional education and the code of ethics. Thirty hours of field experience is required. This is the first of three prerequisite core courses for those who plan to be teachers. EDF 2085 and EME 2040 continue the sequence.

EDF 3083 International and Comparative Education 3 Credits
Grading Scheme: Letter Grade
Examines the political, economic, and cultural contexts of schooling in various parts of the world; introduces theoretical perspectives and comparative methods for interpreting the significance of educational policies and practices in light of globalization.
Prerequisite: EDF 3604.

EDF 3514 History of Education in the United States 3 Credits
Grading Scheme: Letter Grade
The development of American schools and major problems in American education; emphasizes the relationships among the schools, intellectual movements and social institutions. (H)
Attributes: General Education - Humanities

EDF 3604 Social Foundations of Education 3 Credits
Grading Scheme: Letter Grade
Educative effects of social structures and social values and the issues involved in appraising these effects, including the resulting social demands upon schools.
Attributes: General Education - Social Science, Satisfies 6000 Words of Writing Requirement

EDF 3609 Sociological and Historical Foundations of Education 3 Credits
Grading Scheme: Letter Grade
A sociological and historical analysis of schooling in American society. Aims of education are examined in relation to social structures, institutions and values; subcultures; social stratification; school law; and democracy and the sociology of the teaching profession.
Prerequisite: junior standing or higher or department permission.

EDF 4930 Schools on Screen: American Education in Popular Media 3 Credits
Grading Scheme: Letter Grade
Explores how the movies and television have portrayed educators and students over time; investigates the ways in which those representations have helped to shape popular impressions of American schooling.
Prerequisite: EDF 3604.

EDG 2021 Critical Issues in Education 1 Credit
Grading Scheme: Letter Grade
Explores the broad field of education in a variety of traditional and nontraditional contexts. Introduces enduring issues in educational systems in the US and examines organizations and career fields focused on addressing these issues.
EDG 3343 Equity Pedagogy Instructional Strategies 3 Credits
Grading Scheme: Letter Grade
An overview of how to plan instruction using Universal Design for Learning and Culturally and Linguistically Sustaining Pedagogy. These foundational approaches to instruction will help future teachers focus on the strengths of learners who come from diverse backgrounds, particularly those with a range of abilities, as they design learning environments to meet students’ needs.
Prerequisite: Elementary Education major.

EDG 3623 Equity Pedagogy Foundations 3 Credits
Grading Scheme: Letter Grade
Explores the foundational concepts of race, class, ability, and sexuality as they impact schools and the children served in them. Students will examine the ways their own history and experiences have shaped their view of schools, schooling, and the children they will teach throughout their careers as educators.
Prerequisite: Elementary Education major.

EDG 4003 Global Issues in K-12 Education 3 Credits
Grading Scheme: Letter Grade
Overview of current global issues and strategies for incorporating them into the K-college curriculum.

EDG 4048 Studying Equity Pedagogy 3 Credits
Grading Scheme: Letter Grade
Teacher candidates will engage in the process of teacher inquiry as they focus on becoming an antiracist teacher and cultivating skills to advocate for themselves, their students, and the profession of teaching.
Prerequisite: Elementary Education major.

EDG 4078 Experiential Learning in Education 3 Credits
Grading Scheme: S/U
Provides an opportunity to engage in experiential learning, as demonstrated by service learning, internship, undergraduate research, study abroad, school or industry liaison projects, or other projects approved by the instructor. Requires 150 hours in an approved experience.
Prerequisite: EDG 2021.

EDG 4203 Elementary and Secondary Curriculum 3 Credits
Grading Scheme: Letter Grade
Purposes, organization, curriculum and issues of elementary and secondary schools and roles of educators.

EDG 4442 Rethinking Discipline and Classroom Management 3 Credits
Grading Scheme: Letter Grade
Exploring classroom management as it currently exists in schools, developing the skills to work within this system while simultaneously challenging and disrupting common practices that have adversely affected many school children including Black and Brown students, students whose first language is not English, immigrant students, students with ability differences, LGBTQ students, and students who live in poverty.
Prerequisite: Elementary Education major.

EDG 4703 Equity Pedagogy Applications 3 Credits
Grading Scheme: Letter Grade
The application of pedagogical frameworks (Universal Design for Learning and Culturally and Linguistically Sustaining Pedagogy) in the implementation and assessment of instruction in the elementary classroom. Teacher candidates will examine minoritized identities (i.e., race, ability, gender and sexuality, etc.) and the ways these identities intersect with one another to impact how children experience schools and schooling.
Prerequisite: Elementary Education major.

EDG 4905 Individual Study 1-6 Credits
Grading Scheme: Letter Grade
Individual Study

EDG 4910 Education Undergraduate Research 0-3 Credits
Grading Scheme: S/U
Supports mentored scholarship work that enables individual students to engage in the research process of posing questions, collecting and analyzing data, drawing evidence-based conclusions and communicating the results to others. Projects may involve inquiry, design, investigation, scholarship, discovery or application depending on the topic. (S-U)

EDG 4930 Special Topics 1-4 Credits
Grading Scheme: Letter Grade
Topics vary.

EME 2040 Introduction to Educational Technology 3 Credits
Grading Scheme: Letter Grade
Introduces computer productivity (word processing, databases, spreadsheets, painting, drawing, layouts); multimedia (media design, digital video, presentation); communications (internet, Eric); educational software (computer-aided instruction, public domain software); interactive media (linked environments, one-to-many, presentations using electronic tools); reference materials (electronic encyclopedia, atlases, clip art, libraries, internet); instructional applications (techniques); and ethical.

EME 3044 Issues and Trends in Educational Technology 3 Credits
Grading Scheme: Letter Grade
Introduces the field of educational technology and its history and allows an exploration of current topical and trends in educational technology research and application.
Prerequisite: EME 2040.

EME 3319 Design and Development of Educational Multimedia 3 Credits
Grading Scheme: Letter Grade
Introduces the principles, methods, and tools for the design and development of multimedia applications, including incorporation of sound, animation, still images, video, and other media in educational technology.
Prerequisite: EME 2040.

EME 3813 Technology-Enhanced Learning Environments 3 Credits
Grading Scheme: Letter Grade
Analyzes how people learn in technology-enhanced environments, outlines how the design of technology-enhanced systems can support or undermine learning, and considers critical issues for instructors, designers, and learners in the digital age.
Prerequisite: EME 2040.

EME 3813 Technology-Enhanced Learning Environments 3 Credits
Grading Scheme: Letter Grade
Analyzes how people learn in technology-enhanced environments, outlines how the design of technology-enhanced systems can support or undermine learning, and considers critical issues for instructors, designers, and learners in the digital age.
Prerequisite: EME 2040.

EME 4010 Distance Education Research and Practice 3 Credits
Grading Scheme: Letter Grade
Examines the concepts, technologies, and issues related to the analysis, design, development, implementation, policy-making, and evaluation of distance education courses and programs. Create an online module based on design principles and quality guidelines.
Prerequisite: EME 2040.

EME 4078 Experiential Learning in Education 3 Credits
Grading Scheme: Letter Grade
Supports mentored scholarship work that enables individual students to engage in the research process of posing questions, collecting and analyzing data, drawing evidence-based conclusions and communicating the results to others. Projects may involve inquiry, design, investigation, scholarship, discovery or application depending on the topic. (S-U)

EME 4320 Instructional Development for Teaching and Learning 3 Credits
Grading Scheme: Letter Grade
Design and develop instructional materials using emerging technologies. Topics include programming, authoring packages, design principles, and development procedures. Development includes web-based and mobile-based authoring and programming activities.
Prerequisite: EME 4673.
EME 4401 Integrating Technology in the Elementary Curriculum 3 Credits
Grading Scheme: Letter Grade
Prerequisite: Formal admission to the upper division Unified Elementary ProTeach program.

EME 4406 Integrating Technology into the Secondary Curriculum 3 Credits
Grading Scheme: Letter Grade
Prerequisite: Formal admission to the upper division Unified Elementary ProTeach program.

MAE 3312 Mathematics Content for Elementary Teachers 3 Credits
Grading Scheme: Letter Grade
Prerequisite: Elementary Education major.

MAE 4310 Teaching Mathematics in the Inclusive Elementary School 3 Credits
Grading Scheme: Letter Grade
Prerequisite: Formal admission to the upper division Unified Elementary ProTeach program.

MAE 4310L Teaching Elementary Mathematics Lab 1 Credit
Grading Scheme: Letter Grade
Corequisite: MAE 4310.

MUE 4940 Student Teaching in Music Education 9-10 Credits
Grading Scheme: S/U
Prerequisite: Music major.

RED 3307 Teaching Reading in Primary Grades 3 Credits
Grading Scheme: Letter Grade
Prerequisite: LIN 3710.

RED 3312 Content Area Literacy 3 Credits
Grading Scheme: Letter Grade
Prerequisite: Formal admission to the upper division Unified Elementary ProTeach program.

RED 4324 Reading in the Intermediate Grades 3 Credits
Grading Scheme: Letter Grade
Prerequisite: Formal admission to the upper division Unified Elementary ProTeach program.
RED 4844 Practicum in Reading 2 Credits  
**Grading Scheme:** Letter Grade  
Demonstrate knowledge and skill in implementing evidence-based instructional practices in reading in a field placement. Students will collect and analyze assessment data, plan instruction based on information from data, implement effective instruction, and monitor students’ progress.  
**Prerequisite:** RED 3307.

SCE 4113L Elementary Science Content 3 Credits  
**Grading Scheme:** Letter Grade  
Overview of integrated science content essential for developing K-6 science curriculum. The course includes science-specific pedagogy and translation of the science content knowledge into grade specific activities aligned with the national science content standards for K-12 and the Next Generation Sunshine State Standards.  
**Prerequisite:** Elementary education majors

SCE 4310L Elementary Science Methods Lab 1 Credit  
**Grading Scheme:** Letter Grade  
An inquiry-based science lab to accompany SCE4310. Focused on learning lab procedures and safety practices, conducting scientific investigations, and deepening understanding of core science concepts required to teach science to elementary children.  
**Prerequisite:** Elementary Education major;  
**Corequisite:** SCE 4310.

SMT 1661 Step 1: Inquiry Approaches to Teaching Mathematics and Science 1 Credit  
**Grading Scheme:** Letter Grade  
Introduces the evidence-based teaching practices necessary to design and deliver excellent mathematics and science instruction. Students engage in early field experiences in a local elementary school classroom to explore mathematics and science teaching as a career.

SMT 1662 Step 2: Inquiry Based Lesson Design in Mathematics and Science Education 2 Credits  
**Grading Scheme:** Letter Grade  
Introduces inquiry-based lesson design that supports effective instructional techniques for middle school mathematics and science teaching.  
**Prerequisite:** SMT 1661 with minimum grade of C.

SMT 3100 Knowing and Learning in Mathematics and Science Teaching 3 Credits  
**Grading Scheme:** Letter Grade  
Investigates theories of knowing and learning in mathematics and science and implications for teaching secondary mathematics and science. (S)  
**Prerequisite:** sophomore standing or higher.  
**Attributes:** General Education - Social Science

SMT 3301C Classroom Interactions in Mathematics and Science Education 3 Credits  
**Grading Scheme:** Letter Grade  
Overview of principles for teaching middle and secondary school mathematics or science through an exploration of the role of content, pedagogy, curriculum and technology as they promote learning and impact equity.  
**Prerequisite:** MAE 2364 and SMT 3100 with minimum grades of C.

SMT 3664 Project-Based Instruction in Math and Science Education 3 Credits  
**Grading Scheme:** Letter Grade  
Overview of project-based instruction as an investigative and collaborative teaching approach in mathematics and science education.  
**Prerequisite:** MAE 2364;  
**Corequisite:** SMT 3100

SMT 4945 Apprenticeship in Secondary Mathematics and Science Teaching 4-6 Credits  
**Grading Scheme:** Letter Grade  
UFTeach capstone experience. Students apply previously learned techniques and theoretical perspectives of mathematics or science education within a secondary school classroom setting.  
**Prerequisite:** SMT 1661 and (SMT 1662 or MAE 2364) and SMT 3100 with minimum grades of C.

SSE 4312 Social Studies for Diverse Learners 3 Credits  
**Grading Scheme:** Letter Grade  
Studies goals, methods and evaluation procedures for social studies curriculum in elementary schools (K - 6).  

TSL 3323 ESOL and Reading for Teachers 3 Credits  
**Grading Scheme:** Letter Grade  
Examines issues of language and culture relevant to school-age learners of English as a Second Language (ESOL).  

TSL 3520 ESOL Foundations: Language and Culture in Classrooms 3 Credits  
**Grading Scheme:** Letter Grade  
 Studies goals, methods and evaluation procedures for social studies curriculum in elementary schools (K - 6).  

TSL 3520 ESOL Foundations: Language and Culture in Classrooms 3 Credits  
**Grading Scheme:** Letter Grade  
Examines issues of language and culture relevant to school-age learners of English as a Second Language (ESOL).  

TSL 4100 ESOL Curriculum, Methods and Assessment 3 Credits  
**Grading Scheme:** Letter Grade  
Extends the understanding of ways that language and culture affect second-language learners’ participation and learning in elementary classrooms. Create appropriate and challenging curriculum content, materials and assessments to create meaningful and equitable learning environments for native English speakers and second-language learners.  
**Prerequisite:** TSL 3520.

TSL 4324 ESOL Strategies for Content Area Teachers 3 Credits  
**Grading Scheme:** Letter Grade  
Overview of the issues relevant to ESOL learners and develops the skills to teach ESOL students in content area classes.