EDUCATION | SCHOOL OF TEACHING AND LEARNING

Course Search
Not all courses are offered every semester. Refer to the schedule of courses for each term’s specific offerings.

More Info

Courses at the University of Florida, with the exception of specific foreign language courses and courses in the online Master of Arts in Mass Communication program, are taught in English.

Courses

**ARE 4940 Student Teaching in Art Education**  
4-12 Credits
Student-teaching classroom experience in art. (S-U)  
**Prereq:** minimum 2.5 GPA and art education major

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

**EDF 1005 Introduction to the Teaching Profession**  
3 Credits
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 Introduction to Diversity for Educators and EME 2040 Introduction to Educational Technology continue the sequence.

**EDF 3604 Social Foundations of Education**  
3 Credits
Educative effects of social structures and social values and the issues involved in appraising these effects, including the resulting social demands upon schools. General Education - Social Science

**EDF 3609 Sociological and Historical Foundations of Education**  
3 Credits
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.  
**Prereq:** department permission for freshman/sophomore-level students

**EDF 4930 Schools on Screen: American Education in Popular Media**  
3 Credits
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.  
**Prereq:** EDF 3604

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

**EDG 4203 Elementary and Secondary Curriculum**  
3 Credits
Purposes, organization, curriculum and issues of elementary and secondary schools and roles of educators.

**EDG 4910 Education Undergraduate Research**  
3 Credits
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
Topics vary.

**EME 2040 Introduction to Educational Technology**  
3 Credits
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
Introduces the Field of Educational Technology and Its History and Allows An Exploration of Current Topics and Trends in Educational Technology Research and Application.  
**Prereq:** EME 3813

**EME 3319 Design and Development of Educational Multimedia**  
3 Credits
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.  
**Prereq:** EME 3813

**EME 3813 Technology-Enhanced Learning Environments**  
3 Credits
**Prereq:** EME 2040

**EME 4010 Distance Education Research and Practice**  
3 Credits
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.  
**Prereq:** EME 3813
EME 4320 Instructional Development for Teaching and Learning  3 Credits
Prereq: EME 4673

EAE 4401 Integrating Technology in the Elementary Curriculum  3 Credits
Prereq: EME 2040

EAE 4406 Integrating Technology into the Secondary Curriculum  3 Credits
Gain experience with curriculum design and course development, which assumes use of technology.

EME 4673 Introduction to Instructional Design  3 Credits
Prereq: EME 3813

EAE 4340C Effective Teaching and Classroom Management in Secondary Education  3 Credits
Basic strategies for curriculum planning, instruction, organization and student behavior management.

EAE 4905 Individual Study  1-4 Credits
In-depth study of a problem that relates to preparation as secondary education teachers. The project must be approved and supervised by a department faculty member.

LAE 3005 Children's Literature  3 Credits
Introduces genres of children's literature, critical response theory, strategies for critically evaluating books for instructional and aesthetic purposes, and strategies for generating personal, critical and aesthetic responses to literature from diverse and inclusive student populations.

EAE 4314 Language Arts for Diverse Learners  3 Credits
Analysis of content, materials and methods for teaching language arts in an inclusive elementary school classroom.
Prereq: EEX 3070, and 3ECD or 3EMR classification
Coreq: SSE 4312 and EDE 4942 Integrated Teaching

LAE 4604 Language Arts for Diverse Learners in Early Education  3 Credits
Focuses on the early developmental levels of writing and different definitions of writing, including writing as composing, writing as spelling/encoding and writing as handwriting. Addresses instructional strategies appropriate for teaching young children to write and explores instructional approaches from different theoretical perspectives.
Prereq: RED 3309

MAE 2364 Explorations Teaching Secondary Mathematics and Science  3 Credits
Prereq: MAE 3312 Content and Methods for Teaching Mathematics in the Inclusive Elementary Classroom

MAE 3312 Content and Methods for Teaching Mathematics in the Inclusive Elementary Classroom Part I  3 Credits
Analysis of the content and methods necessary to effectively teach content from the number, algebra, and geometry strands of mathematics in the inclusive elementary classroom. Provides pre-service teachers with the underlying content and pedagogical content knowledge necessary to effectively teach mathematics.
Prereq: elementary education majors

MAE 4310 Teaching Mathematics in the Inclusive Elementary School  3 Credits
Analyzes content, materials and methods of teaching mathematics in the inclusive elementary classroom. Prepares the future teacher of mathematics for facilitation of instruction to meet the needs of all children, including children with disabilities.
Prereq: 3ECD or 3EMR classification

MUE 4940 Student Teaching in Music Education  4-12 Credits
Prereq: EEM 1662 with minimum grade of C

RED 3307 Teaching Reading in Primary Grades  3 Credits
Studies constructivist theory of how children learn and the sociopsycholinguistic theory of language learning. Focuses on how children construct knowledge about and learn to use written language.

RED 3309 Emergent Literacy and Beginning Reading Instruction  3 Credits
Provides students with knowledge to support emergent literacy in young children and teaching beginning reading in the early primary grades. Designed to provide students with theoretical and practical knowledge and experiences that prepare them to teach in a variety of applicable educational settings.
Prereq: LIN 3710

RED 3311 Content Area Literacy  3 Credits
Prereq: LIN 3710

SCE 4113L Elementary Science Content  3 Credits
Prereq: SSE 4312 and EDE 4942 Integrated Teaching

SCE 4310 Elementary Science Methods for the Inclusive Classroom  3 Credits
Materials and methodology related to teaching the concepts and processes of science. Prepares pre-service teachers to teach science concepts and processes to all children, including those with disabilities.
Prereq: ECD or 3EMR classification

SMT 1661 Step 1: Inquiry Approaches to Teaching Mathematics and Science  1 Credit
Prereq: ECD or 3EMR classification

SMT 1662 Step 2: Inquiry Based Lesson Design in Mathematics and Science Education  2 Credits
Prereq: SMT 1661 with minimum grade of C
SMT 3100 Knowing and Learning in Mathematics and Science Teaching 3 Credits
Investigates theories of knowing and learning in mathematics and science and implications for teaching secondary mathematics and science. (S)
General Education - Social Science

SMT 3301C Classroom Interactions in Mathematics and Science Education 3 Credits
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.
Prereq: MAE 2364 and SMT 3100 with minimum grades of C

SMT 3664 Project-Based Instruction in Math and Science Education 3 Credits
Overview of project-based instruction as an investigative and collaborative teaching approach in mathematics and science education.

SMT 4945 Apprenticeship in Secondary Mathematics and Science Teaching 4-6 Credits
UFTeach capstone experience. Students apply previously learned techniques and theoretical perspectives of mathematics or science education within a secondary school classroom setting.
Prereq: 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
Studies goals, methods and evaluation procedures for social studies curriculum in elementary schools (K-6).
Prereq: EEX 3070 and second-semester standing in the elementary ProTeach program
Coreq: LAE 4314 and EDE 4942 Integrated Teaching

TSL 3520 ESOL Foundations: Language and Culture in Classrooms 3 Credits
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
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.
Prereq: TSL 3520

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