

EDUCATION (EDU)

EDU 500 Selected Topics (1-6 Credits)

School of Education

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

EDU 508 Student Teaching (2-15 Credits)

School of Education

Supervised teaching experience in pre-kindergarten through twelfth grade settings, with required seminars and conferences. Matriculated teacher preparation students only. Repeated as program requires. Variable length experiences earn V-grade until complete, leading to P or F grade. Prerequisites and credits vary by program. Offerings may vary each semester.

Repeatable

Shared Competencies: Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>); Ethics and Integrity (<https://coursecatalog.syracuse.edu/shared-competencies/ethics-and-integrity/>)

EDU 516 Equitable Assessment for Inclusive Classrooms (3 Credits)

School of Education

Exploration of equitable, inclusive, and antiracist perspectives on assessment. Use of formal and informal approaches to document growth for students with and without disabilities, evaluate instructional effectiveness, and adjust curriculum and instruction.

Coreq: EDU 520

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>); Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>)

EDU 520 Inclusive Student Teaching (12 Credits)

School of Education

Supervised full-day student teaching in 2 classrooms, 35-days each, 1 special education, 1 general education in content and grade level matching certification area. Instructional planning, teaching, assessment. Matriculated teacher preparation students only. Topics vary.

Prereq: EDU 420 Coreq: EDU 516

EDU 522 Social Studies and Democracy: The Reconstruction of Education (3 Credits)

School of Education

Relationship of social studies education to US democracy. Forces shaping our thinking about and understanding of history, politics, social issues, etc. Civic education's role in creating an active citizenry. Critical social theory around social studies related issues; current issues in the field of social studies.

Shared Competencies: Civic and Global Responsibility (<https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/>); Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>)

EDU 535 Quality Infant Care Giving (2-3 Credits)

School of Education

Cross-listed with HFS 535

Workshop. Research theories and demonstrations of infant/toddler care, development, and assessment; group care, legal and budgeting issues, and work with parents.

EDU 600 Selected Topics (1-6 Credits)

School of Education

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

EDU 601 Methods and Practice in Teaching Art (4 Credits)

School of Education

Double-numbered with EDU 301

Immersion in arts instructional responsibilities. Focus on developing emergent approaches to K-12 arts pedagogy. Initiates development of meaningful instructional repertoires and practices; teacher-learner dialogue techniques; classroom management strategies. Includes teaching Saturday art workshops. Additional worked required of graduate students.

EDU 602 Methods and Curriculum in Teaching Art (4 Credits)

School of Education

Double-numbered with EDU 302

Focuses on creating visual culture and culturally responsive curriculum and assessment units for first-year professional practice; interdisciplinary perspectives; values, ethics, and policy approaches for de-emphasizing prevailing "school art" paradigms. Includes teaching Saturday art workshops.

EDU 603 Introduction to Qualitative Inquiry (3 Credits)

School of Education

This introductory course explores what it means to engage in inquiry qualitatively. It deploys a transdisciplinary approach to consider the theoretical, philosophical, and political questions and sensibilities at the heart of the interpretivist qualitative tradition.

EDU 604 World Music and the Interdisciplinary Curriculum (3 Credits)

School of Education

Cross-listed with MUE 604

Examination of historical and social perspectives of world music in diverse cultural contexts. Strategies for teachers to develop and facilitate interdisciplinary curricula through examination of materials and resources featuring music from around the world.

EDU 606 Understanding Learning and Teaching (4 Credits)

School of Education

Explore personal and professional constructs related to learning and teaching diverse students; understand theory construction; develop an emerging practical theory. Consider the contexts of schools and communities. Includes field placement.

EDU 610 The American School (3 Credits)

School of Education

Double-numbered with EDU 310

Issues that impinge on teachers, teaching, and schools in today's society. May not be repeated for credit.

EDU 611 Assessment in Music Education (1 Credit)

School of Education

Cross-listed with MUE 611

Examines a diverse selection of assessment methods for student learning within music education settings. Strategies for future instruction planning; instructional adaptations based on data gathered through teacher-created assessment tools.

EDU 616 Understanding Educational Research (3 Credits)*School of Education*

Cross-listed with HED 616

For master's degree and beginning doctoral students who have had little, if any, exposure to research methods. Quantitative and qualitative methods are studied in the context of education.

EDU 621 Behavior Techniques in Music Education (3 Credits)*School of Education*

Double-numbered with EDU 421

Behavior techniques in classroom and rehearsal situations. Development of music task-analysis skills and reinforcement techniques. Learning goals in music for children of different ages and abilities.

EDU 622 International Education for Transformation (3 Credits)*School of Education*

Double-numbered with EDU 321

Theories of international development applied to international education. How nationalism, race, gender, culture, and class shape educational opportunity. Cultural and social transformation strategies. Additional work for graduate students.

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Civic and Global Responsibility (<https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/>)

EDU 631 American Sign Language for Professional Practice (2 Credits)*School of Education*

An introduction to the language and culture of the American Deaf community. Basic conversational skills and vocabulary. History of the American Deaf community.

EDU 632 American Sign Language II for Professional Practice (2 Credits)*School of Education*

Further development of skills in American Sign Language. Conversational idioms and vocabulary. Translation of stories, poems and songs.

Continued discussion of American Deaf culture

Advisory recommendation Prereq: EDU 631

EDU 636 Social Studies Methods and Curriculum (3 Credits)*School of Education*

Double-numbered with EDU 336

This course will provide students with the opportunity to explore the methods and content needed to plan and teach culturally responsive social studies units to all students (with and without disabilities). Additional work required of graduate students.

Shared Competencies: Civic and Global Responsibility (<https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/>); Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>); Ethics and Integrity (<https://coursecatalog.syracuse.edu/shared-competencies/ethics-and-integrity/>)

EDU 637 Science Methods and Curriculum (3 Credits)*School of Education*

Double-numbered with EDU 337

Planning lessons and units for science, focused on scientific practices, disciplinary core ideas, and cross-cutting concepts. Emphasizes anti-racist and inclusive instruction that supports the development of students' agency, identity, and authority as sense makers in the classroom. Additional work required of graduate students.

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>); Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>)

EDU 638 Mathematics Methods and Curriculum (3 Credits)*School of Education*

Double-numbered with EDU 438

Develop an ambitious vision for inclusive and antiracist mathematics instruction; learn to support students in developing mathematical thinking, reasoning, and communication; understand mathematics curriculum and pedagogical strategies to actively engage students in doing mathematics. Additional work required of graduate students.

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Ethics and Integrity (<https://coursecatalog.syracuse.edu/shared-competencies/ethics-and-integrity/>)

EDU 641 Schooling and Violence (3 Credits)*School of Education*

Cross-listed with CFE 641

Double-numbered with EDU 441

The history and causes of school violence. Describes prevention and intervention strategies and involves students conducting original research on school violence.

EDU 647 Introduction to Quantitative Research (3 Credits)*School of Education*

The fundamental concepts, basic techniques, and logic of quantitative analysis in education and social science. Introductory inferential statistical methods covered include chi-square, t-test; basic ANOVA, correlation and multiple correlation.

EDU 655 Education Tests and Measurements (3 Credits)*School of Education*

Basic theory underlying construction, evaluation, and use of educational tests. Construction and evaluation of achievement tests. Guided practice in test construction and test score analysis.

EDU 660 Field Workshop (3-6 Credits)*School of Education*

For elementary- and secondary-school administrators and teachers to work in their own schools toward improvement of their programs. Staff members available to give continual or periodic direction and consultation. Further information may be obtained from the Extended Campus Office, Syracuse University, Huntington Hall, Syracuse NY 13244. Repeatable

EDU 664 Creating Safe and Peaceful Schools (3 Credits)*School of Education*

Focus on building caring, secure, and nurturing learning communities and creating classroom and school climates that encourage student focus, productivity, and cooperation. Positive approaches for supporting individual students and helping them to manage conflict (e.g., self-determination, peer mediation).

EDU 670 Experience Credit (1-6 Credits)*School of Education*

Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing.

Repeatable

EDU 690 Independent Study (1-6 Credits)*School of Education*

In-depth exploration of a problem or problems. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor or instructors and the department.

Repeatable

EDU 700 Special Topics in Education (1-6 Credits)*School of Education*

Special topics of current interest in the field of professional education for depth study by graduate students.

Repeatable

EDU 720 Topics in Mathematics and Science Education (3 Credits)*School of Education*

The course uses problem solving activities, research, and theories to develop mathematical and scientific models or arguments as tools for exploring and solving problems relevant to STEM learning.

Repeatable 1 times for 6 credits maximum

EDU 725 Current Research on Teaching (3 Credits)*School of Education*

Political, historical, and methodological aspects of elementary and secondary schools. Skills in analysis, synthesis, and criticism developed.

EDU 727 Curriculum Studies (3 Credits)*School of Education*

Curriculum decision making as a function of the school's role in society. Theory and research in human growth and learning. Models of organization and instruction.

EDU 737 Quantitative Research Design (3 Credits)*School of Education*

Seminar addresses key issues, strengths, and limitations of various quantitative research designs, and integrates design with theory, sampling, measurement, and statistical analysis, using examples from the research literature in students' program areas.

Advisory recommendation Prereq: EDU 647

EDU 738 Professional Development in Schools (3 Credits)*School of Education*

Cross-listed with EDA 738

Effective models for personal and professional growth. Skills for designing, implementing, evaluating, and supporting staff development processes. Historical, organizational, political, interpersonal, and cultural contexts.

EDU 748 Theory and Practice in Mentoring Teachers (3 Credits)*School of Education*

Concepts and practices in mentoring among teachers. Induction programs at the state and local levels. Programs as part of professional development. Qualities and skills of mentors.

EDU 760 Workshop in Education (1-6 Credits)*School of Education*

For teachers, administrators, and other school personnel to work on campus toward solution of specific problems in elementary and secondary education in their schools. Each workshop has a core or central theme. Parallel to EDU 660.

Repeatable

EDU 778 Narrative Inquiry in Research and Creative Practice (3 Credits)*School of Education*

An exploration of the use of narrative methods in research and creative practice. Conducted in the form of a creative workshop, participants will learn to decode stories as data, and construct experiential data as stories.

EDU 781 Addressing Systemic Racism in Education (3 Credits)*School of Education*

Analyzes racial inequities in education with a focus on engaged scholarship and educational change through multi-disciplinary perspectives, analyses, and findings. Students will develop knowledge, positions, and proposals of local concern and broader significance.

EDU 791 Advanced Seminar in Quantitative Research Methods I (3 Credits)*School of Education*

Reviews, integrates and extends concepts and techniques from introductory statistics and research design. Focuses on intermediate-level statistical techniques including AVOVA, multiple regression, discriminant analysis, and path analysis. Training in SPSS using extant data sets. Student must have completed a graduate course in statistics. Advisory recommendation Prereq: EDU 647

EDU 792 Advanced Practicum/Apprenticeship in Quantitative Research II (3 Credits)*School of Education*

Consolidates and refines previous training in quantitative research design, statistical procedures, and computerized data analysis (using the SAS package) in the context of closely supervised research projects that fulfill Ph.D. apprenticeship and Ed.D. practicum requirements. Advisory recommendation Prereq: EDU 791

EDU 800 Selected Topics (1-6 Credits)*School of Education*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

EDU 801 Introduction to Educational Research & Inquiry (3 Credits)*School of Education*

Introductory course focusing on knowledge, skills, and dispositions required for doctoral study and educational inquiry. Examines a wide range of innovative educational research approaches that offer critical insights toward promoting equitable education. Repeatable 2 times for 6 credits maximum

EDU 810 Advanced Seminar in Qualitative Research I (3 Credits)*School of Education*

Cross-listed with SOC 811, WGS 812

Expand fieldwork skills and increase theoretical understanding: emphasis on "thinking qualitatively;" intensive fieldwork.

Advisory recommendation Prereq: EDU 603/SOC 614

EDU 815 Advanced Seminar in Qualitative Research II (3 Credits)

School of Education

Cross-listed with SOC 812

Applications to issues of special education and related educational or human service settings.

Advisory recommendation Prereq: EDU 810 or SOC 811 or WGS 812

EDU 820 Program Development in Teacher Education (3 Credits)

School of Education

Theoretical models, experimental programs. Historical perspective on recent innovative movements. Development in local pre-service/in-service program.

EDU 822 Assessment of Teaching (3 Credits)

School of Education

Issues and concepts in assessment of teaching and teachers. Skill and experience developed from political, psychological, and sociological perspectives.

EDU 824 Practices, Problems, and Prospects in the Field of Teacher Education (3 Credits)

School of Education

Continuum of practices: recruitment preparation, induction, continuing professional development. Developing a frame of reference regarding teacher education.

EDU 833 Critical Curriculum Theory (3 Credits)

School of Education

Radical traditions in curriculum theory in the Americas and Europe. Critical, radical, and progressive approaches concerned with issues of power, language access, justice, and equity. Critical theorists, feminists, multiculturalists, culturally relevant pedagogues, and post-structuralists.

EDU 835 Learning Theories in Education (3 Credits)

School of Education

Cross-listed with MTD 835

Examination of cognitive science, constructivism, social cognition, and other learning theories and their influence on how educators view learning and have conducted research about learning.

EDU 841 The Nature and Design of Inquiry (3 Credits)

School of Education

Cross-listed with IDE 841

Overview of social, academic, and psychological aspects, including fundamental mental abilities of inquiry. Introduction to full range of quantitative and qualitative inquiry strategies and practice in research topic identification, problem formation, and study design.

EDU 843 Pre-Dissertation Seminar (3 Credits)

School of Education

Advanced discussion of problem formation, literature review, study design, and professional context of instructional research; support in preparation of dissertation research proposal.

EDU 886 Multivariate Research Methods (3 Credits)

School of Education

Discussion and critique of multivariate research methods, designs, and strategies as applied in contemporary educational research. Practical applications in multivariate research design, implementation, and interpretation of data.

EDU 888 Structural Equation Modeling and Factor Analysis (3 Credits)

School of Education

An introduction to structural equation modeling (SEM) and factor analysis (FA), and the uses of these approaches in scientific research. Advisory recommendation Prereq: EDU 791 or EDU 886

EDU 890 Independent Study (1-6 Credits)

School of Education

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

EDU 900 Selected Topics (1-6 Credits)

School of Education

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester.

Repeatable

EDU 910 Current Scholarship in Teaching and Leadership (3 Credits)

School of Education

Seminar in current scholarly work of teaching and leadership faculty. Topics, interests, research. Methods and approaches. Forms of publication and exhibition. Matriculation at doctoral level.

Repeatable 2 times for 6 credits maximum

EDU 915 Teaching and Leadership for Social Justice (3 Credits)

School of Education

Doctoral seminar exploring the writing of classic and contemporary educators who have had significant impact on the development of educational thinking, policies, and practices that promote democratic schooling and social justice.

EDU 970 Experience Credit (1-6 Credits)

School of Education

Participation in a discipline- or subject-related experience. Students must be evaluated by written or oral reports or an examination. Limited to those in good academic standing.

Repeatable

EDU 990 Independent Study (1-6 Credits)

School of Education

In-depth exploration of a problem or problems. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor or instructors and the department.

Repeatable

EDU 991 Problems in Educational Research (1-6 Credits)

School of Education

For qualified students who wish to pursue individual problems under faculty direction, particularly problems in those fields not served by a special research course.

EDU 997 Thesis (1-6 Credits)

School of Education

Repeatable

EDU 999 Dissertation (1-15 Credits)

School of Education

Repeatable