EDUCATION (EDUC)

EDUC 506 RECENT TRENDS IN TEACHING (3)
Recent teaching strategies, organizational patterns and curricular innovations for levels PreK-12 are examined. Students may pursue individualized projects. Prerequisite: Student teaching or senior standing with consent of instructor.

EDUC 507 CONTEMPORARY ISSUES IN EDUCATION (3)
Seminar approach to current issues in education. Prerequisite: Student teaching or senior standing with consent of instructor (no prerequisite when offered during the day).

EDUC 517 CHILDREN'S LITERATURE AND OTHER MATERIALS FOR READING AND LANGUAGE ARTS IN ELEMENTARY SCHOOL (3)
Study of literature, texts and technology of reading and language arts instruction. Attention to authors, illustrators, awards and criteria for selection and importance in curricula. Prerequisite: Two English courses.

EDUC 553 SUPERVISORY PRACTICES IN TEACHER EDUCATION (3)
Experiences and study in developing particular skills and competencies for supervising quality laboratory/field experiences. Content is designed for supervising teachers, team leaders and resource personnel. Prerequisite: Teaching experience. Graduates count this as a workshop elective.

EDUC 555 TEACHING HISTORY OF ISRAEL (3)
Given Israel's rapidly changing society, U.S. students have questions about the Jewish State. Students will learn core information about Israel's history, politics and culture as well as methodologies to effectively communicate the complexities of these subjects to their own students. Prerequisites: None.

EDUC 570 SPECIAL TOPICS IN EDUCATION (1-3)
In-depth study of a selected topic in education. The specific requirements and prerequisite will vary with each topic and will be designated by the department each time there is an approval of the graduate program director. Each topic may be taken as a separate course.

EDUC 594 TRAVEL AND STUDY EDUCATION (1-6)
Study abroad of educational facilities, programs or practices or selected projects in educational topics. By specific arrangement with program chairperson and sponsoring instructors. Consent of graduate program director required for graduate degree credit.

EDUC 595 INDEPENDENT STUDY IN EDUCATION (1-4)
An opportunity for specially qualified students to undertake research problems or study projects relevant to their interest and training under the direction of a staff member. Prerequisite: Approval of appropriate program chairperson. Graduate credit by consent of graduate program director only.

EDUC 601 CONCEPTS AND ISSUES IN EDUCATION (3)
Social, economic, historical, political and technological trends that shape educational policy and programs. Prerequisite: graduate standing.

EDUC 605 INFORMING EDUCATIONAL PRACTICE TO AFFECT CHANGE (3)
Use of database networks for information retrieval; computer hardware and software application programs appropriate for research and curriculum planning; introduction to distance learning; interactive technologies and resource-based learning. Prerequisite: teaching experience or completion of student teaching.

EDUC 610 THEORY, RESEARCH AND PRACTICE IN TEACHING COMPOSITION (3)
Addresses the theory, research, and practice of teaching composition across all levels (prekindergarten to adult) and disciplines. Prepares participants to be Teacher Consultants of the Maryland Writing Project. Prerequisites: Bachelor's degree and teaching experience; consent of Maryland Writing Project director.

EDUC 611 MENTORING THE PRE-SERVICE CANDIDATE: EFFECTIVE PRACTICES (3)
An analysis of the roles of the cooperating teacher, college supervisor and student teacher; current practices, issues, trends and evaluation in laboratory experiences and current research. Prerequisite: teaching experience.

EDUC 613 MORAL QUESTIONS IN THE CLASSROOM (3)
Develop an understanding of competing models of moral education models that include: a virtues approach, cognitive developmentalism, and care ethics. Consider practical ways to teach texts in a variety of subjects to foster moral development as well as consider school-wide applications of moral education such as character education, discipline, and addressing bullying. Not open to students who have successfully completed LJEC 615.

EDUC 614 ASSESSMENT AND EVALUATION IN EDUCATION (3)

EDUC 615 APPLIED EDUCATIONAL STATISTICS (4)
Educational statistics used in fundamental quantitative research designs. Includes descriptive and inferential through ANOVA. Required laboratory includes current statistical applications software. Prerequisite: Permission of the instructor.

EDUC 645 THEORIES IN EDUCATIONAL ADMINISTRATION (3)
Theoretical bases for educational administration. Prerequisite: Teaching experience and teacher certification.

EDUC 646 HUMAN RELATIONS AND THE PROFESSIONAL (3)
Professional behavior in organizational work place, emphasizing leadership and communication. Prerequisite: Teaching experience or certification.

EDUC 650 SECOND LANGUAGE LITERACY (3)
Foundations of Second Language Literacy acquisition and learning, instructional practices used for differentiation and inclusion, relationships between language arts teacher/reading specialist and ESL specialist, models of literacy instruction found in English as Second Language, Bilingual, Dual Immersion and content areas-focused settings. Prerequisites: REED 601.

EDUC 651 INSTRUCTION AND ASSESSMENT FOR SECOND LANGUAGE LEARNERS (3)
Course participants will be invited to critically examine approaches to second language development and assessment for children congruent with recent research in second language acquisition in children. Class members will read professional literature framing second language acquisition and discuss strategies for implementing sound theoretical practice within the classroom. How to provide appropriate instruction based on informal and formal assessment results for PreK-12 English Language Learners will be the major focus of this course. Prerequisites: None.
EDUC 652 INTRODUCTION TO LINGUISTICS FOR TEACHERS OF LANGUAGE AND LITERACY (3)
Introduction to the basic principles and concepts of the study of language and its relevancy to teachers of language and literacy. Students will develop foundational knowledge in the areas of grammatical competence (phonology, morphology, syntax, semantic, pragmatics), spoken and written discourse, language variation, first and second language acquisition, and language processing. The course will equip students to use linguistic analysis to conduct inquiries that address issues or concerns about the use, development, assessment and/or teaching of language and literacy in classrooms or other educational settings. Prerequisites: Admission to a graduate program in education.

EDUC 660 MATTERS OF DIVERSITY, EQUITY, AND EMPOWERMENT IN LEARNING COMMUNITIES (3)

EDUC 661 RESPONDING TO AND EVALUATING WRITING (3)
Direct assessment using holistic, analytic, primary trait and t-unit analysis; indirect assessment of grammar, punctuation and usage, in-process response techniques. Prerequisite: SCED 603, SCED 605 or SCED 558 or consent of graduate program director.

EDUC 667 WRITING AS THINKING (3)
Research on the writing-thinking connection; self-analysis of thought processes used while writing; analysis of classroom methods for teaching writing and thinking. Prerequisite: SCED 603, SCED 605 or SCED 558 or consent of instructor.

EDUC 670 SPECIAL TOPICS IN EDUCATION (3)
In-depth study of a selected topic in education. The specific requirements and prerequisite will vary with each topic and will be designated by the department each time a topic is scheduled. Approval by the appropriate graduate program director is required. Each topic may be taken as a separate course. Prerequisite: varies with each topic.

EDUC 695 INDIVIDUALIZED STUDY (1-6)
Individually planned programs which will permit the student to engage in research and/or field experiences relative to the student’s professional growth. Admission by application to the graduate program director only.

EDUC 715 STATISTICAL PRINCIPLES OF RESEARCH DESIGN AND ANALYSIS (3)
An intermediate level statistics course focusing on the statistical principles and research designs in the field of education. Course covers from single factors through higher-order factorial experiment design, as well as multiple regression modeling. Advanced skills of statistical analysis, calculation, and uses of contemporary statistics software will be developed. Prerequisite: EDUC 615 or equivalent.

EDUC 717 CHILDREN’S LITERATURE AND OTHER MATERIALS FOR TEACHING READING (3)
An in-depth examination of a variety of texts for teaching reading, with particular emphasis on children’s literature and reading software; strategies for selecting and evaluating texts. Review of current research. Prerequisite: Admission to M.A.T. program or permission of the graduate director.

EDUC 730 PRINCIPLES OF LEARNING, DEVELOPMENT AND DIVERSITY (3)
Current theories and research on the nature of learning, development and diversity and its relationship to classroom practice. Prerequisite: Admission to the M.A.T. program.

EDUC 731 CURRICULUM AND ASSESSMENT (3)
Principles and practices of curriculum development, actual school practice and the teacher’s role as a curriculum developer. Prerequisite: Admission to the M.A.T. program.

EDUC 732 RESEARCH METHODOLOGY IN THE INFORMATION AGE (2)
Methods of conducting research using traditional research tools and modern technology. Prerequisite: Admission to the M.A.T. program.

EDUC 734 THE TEACHER AS RESEARCHER (1-3)
Theory and methodology for conducting classroom research with an emphasis on descriptive research approaches. Prerequisite: Admission to M.A.T. program.

EDUC 735 PROSEMINAR: PROBLEMS AND ISSUES (3)
Problems and issues that impact teachers and the education process. Prerequisite: Admission to the M.A.T. program.

EDUC 736 CLASSROOM MANAGEMENT (2)
Disciplinary theories, structuring classes, conflict resolution and coping with deviant behavior. Prerequisite: Admission to the M.A.T. program.

EDUC 737 TEACHING STUDENTS WITH DISABILITIES IN THE MAINSTREAM (2)
Legal bases and methods and materials appropriate for teaching mainstreamed handicapped students. Prerequisite: Admission to the M.A.T. program.

EDUC 738 THE TEACHER AS RESEARCHER - PART II (1)
Theory and methodology for conducting classroom research with an emphasis on descriptive research approaches. Students will evaluate and share results of action research projects. Prerequisite: requires admission to M.A.T. program and EDUC 734 (2 units) in the Fall semester.

EDUC 755 ADULT LEARNING THEORIES (3)
Focuses on theories of adult learning as well as the design and implementation of teaching in higher, adult, and work-based education settings. The overall goal of the course is to develop a critically reflective approach to the teaching of adults.

EDUC 761 INQUIRY FOR PRACTICE (3)
Theory and methodology of educational research. Prerequisite: EDUC 605.

EDUC 762 INTRODUCTION TO EDUCATIONAL EVALUATION (3)
Theory and methodology of education evaluation for systematic appraisal of process, program, staff or institution. Prerequisite: A course in statistics or tests and measurements.

EDUC 765 QUALITATIVE METHODS IN EDUCATION (3)
Qualitative research traditions, methods, theoretical and philosophical perspectives in education are included. Methods of conducting fieldwork, data collection and analysis required for original qualitative research studies are examined from an educational perspective. Prerequisites: students should have successfully completed EDUC 515 or its equivalent; admission is by permit only.

EDUC 770 SPECIAL TOPICS IN EDUCATION (1-3)
In-depth study of a selected topic in education. The specific requirements and prerequisite will vary with each topic and will be designated by the department each time a topic is scheduled. Approval by the appropriate graduate program director is required. Each topic may be taken as a separate course.
EDUC 776 INTERMEDIATE STATISTICS IN EDUCATIONAL RESEARCH (3)
This is an intermediate course in educational research and statistics, focusing on the selection and use of statistical analysis appropriate for quantitative research designs. An overview of experimental designs and controls to threats to internal and external threats to validity forms, the vantage point from which statistical analysis are examined. This course does not overlap with any existing course within the college of education. Prerequisites: EDUC 615 Applied Statistics in Education (or equivalent).

EDUC 787 INSTRUCTIONAL PRACTICES IN THE DEVELOPMENT OF LITERACY (3)
Research-based instructional strategies for teaching reading and language arts in the elementary classroom. Includes planning for effective instruction utilizing a balance of phonics, semantics, and syntactics; teaching reading as a strategic process; utilizing developmentally appropriate word recognition and comprehension strategies; and designing instruction on evidence of individual need. Corequisite: EDUC 797.

EDUC 789 RESEARCH METHODS, DESIGN, AND ANALYSIS (3)
Designed to provide an overview of the philosophical and epistemological underpinnings of research methods, as well as an introduction to the theory and practice of qualitative, quantitative, and mixed methods. Prepares students to complete more advanced coursework in qualitative and quantitative research methods and applications. Prerequisite: program admission.

EDUC 790 ADVANCED MEASUREMENTS AND STATISTICS IN EDUCATION (3)
An advanced statistics course for doctoral students focusing on using multivariate statistics in educational research designs. Course covers statistical analyses ranging from multiple regressions, canonical correlation through multivariate analysis of variance and covariance, as well as discriminate function analysis. Advanced skills of experimental and nonexperimental designs, and uses of contemporary statistics software will be developed. Prerequisites: EDUC 715 or EDUC 776.

EDUC 791 ADVANCED QUALITATIVE RESEARCH METHODS (3)
Focus on developing in-depth knowledge and skills in the use of qualitative methodology. Designed for doctoral students and includes philosophical foundations of qualitative inquiry, building the conceptual framework for a study, the methodological issues of research design, issues of validity and logic, as well as data analysis and representation. Through intense reading and writing, students will examine the advances and challenges presented by recent developments and new applications in qualitative research methodology. Prerequisite: EDUC 765.

EDUC 794 PRACTICUM SEMINAR: YEAR ONE (0.5)
This is the first year of a four-semester practicum seminar, required every term for two years, earning students one half unit each term. Prerequisites: None.

EDUC 795 PRACTICUM SEMINAR: YEAR TWO (0.5)
This is the second year of a four-semester practicum seminar, required every term for two years, earning students one unit each year. Prerequisites: None.

EDUC 797 INTERNSHIP I/SEMINAR (1-6)
Best practices for creating and maintaining a positive and productive learning environment will be explored. Participants analyze a variety of learner characteristics that influence student development and academic achievement, including gender, ethnicity, physiology, values, family, and geographic regions, as appropriate for age/grade level and professional specialization. Participants complete extended field experience (as determined by appropriate program director). May be repeated for a maximum of 6 units. Corequisite: Taken concurrently with EDUC 734 in the semester prior to the practicum (student teaching) semester. Prerequisite: Consent of graduate program director, who may require other prerequisites.

EDUC 798 INTERNSHIP II WITH SEMINAR (6)
Supervised teaching experience at the appropriate school level for students in M.A.T. program. Seminar will provide participants with theory-practice connections. Prerequisite: Approval of early childhood education, elementary education or secondary education departments and the graduate program director.

EDUC 897 MASTER OF EDUCATION THESIS (6)
Investigation of selected topics in education.

EDUC 898 THESIS (3)
The previous course, EDUC 897, taken over two consecutive semesters.