EDU - Education

EDU 101US. Teaching and Learning. 3 Credits. (3 Sem) F,S
PREREQUISITE: First year students (less than 30 credits) only. This course is an introduction to the profession of public school teaching. Topics treated include the nature of knowledge, the development of public education, the training of teachers, the nature of schools today, education policy, and society's expectations of schools.

EDU 202. Early Field Experience. 1 Credit. (1 Lab) F,S
Students will explore the profession of teaching by attending an orientation, conducting in-school observations and interviews, recording personal reflections in a portfolio, and participating in two seminar sessions to debrief/discuss their experiences.

EDU 204LA. Arts & Lifelong Learning. 3 Credits. (3 Lec) F,S
This course explores how dance, drama, music and the visual arts offer students expressive ways to learn and inquire about themselves, their social and physical worlds. Students engage in creative arts by exploring content, practicing critical inquiry skills and reviewing aesthetic perspectives.

EDU 211D. Multicultural Education. 3 Credits. (3 Lec) F,S
PREREQUISITE: Sophomore Standing. Examination of the school-society relationship in the United States and of the many issues and variables embedded in this relationship, including equal opportunity, human diversity, ideology, politics and social change. Foundational perspectives (historical, political, social, and policy) will be explored.

EDU 222S. Educ Psych & Child Development. 3 Credits. (3 Lec) F,S
Human growth and psychological development of school age students, to include physical, cognitive, and psychosocial development within an educational, familial, and societal context. Implications for effective classroom teaching will be identified throughout the course.

EDU 223S. Educ Psych and Adolescent Dev. 3 Credits. (3 Lec) F,S
Human growth and psychological development of middle and high school students, to include physical, cognitive, and psychosocial development within an educational, familial, and social context. Imlications for effective classroom teaching will be identified throughout the course.

EDU 263. Methods of Teaching Grammar. 3 Credits. (3 Lec) F,S
This course explores the structure and function of the English language. Implications for effective classroom teaching will be identified throughout the course.

EDU 290R. Undergraduate Research. 1-6 Credits. (1-6 Ind; max unlimited) F,S
Directed undergraduate research which may culminate in a written work or other creative project. Course will address responsible conduct of research.

EDU 291. Special Topics/Expnded Course. 1-4 Credits. (1-4 Lab; 12 cr max) On Demand
PREREQUISITE: None required but some may be determined necessary by the offering department. Courses not required in any curriculum for which there is a particular one-time need, or given on a triennial basis to determine acceptability and demand before requesting a regular course number.

EDU 292. Independent Study. 1-3 Credits. (1 Ind; 3 cr max) F
PREREQUISITE: Sophomore Standing. Examination of the school-society relationship in the United States and of the many issues and variables embedded in this relationship, including equal opportunity, human diversity, ideology, politics and social change. Foundational perspectives (historical, political, social, and policy) will be explored.

EDU 330. Emergent Literacy. 3 Credits. (3 Lec) F,S
PREREQUISITE: Alternate years to be offered even years. This course is an introduction to emergent literacy and developmentally appropriate classroom practices. Emphasis is on a balanced approach which includes phonics and other cue systems, use of authentic children's literature, and use of programmed reading materials.

EDU 331. Lit and Literacy for Children. 3 Credits. (2 Lec, 1 Lab) F,S
PREREQUISITE: EDU 222 or EDU 223 and sophomore standing. A survey of children's books with an emphasis on their use in K-8 classrooms. Introduces the history and current genres of children's literature, selection criteria, award-winning books, and strategies for sharing books with students.

EDU 332. Lit and Arts in Context. 9 Credits. (3 Lec, 6 Lab) Su
Study of British and French literature for children is integrated with experiences in the arts. The course includes a three-week trip to England and France where participants will visit historical sites and see performances that bring stories to life.

EDU 342. Managing the Learning Envir. 3 Credits. (3 Lec) F,S
PREREQUISITE: EDU 382 and good standing in the Teacher Education Program. This course examines key factors in establishing a healthy learning environment for K-12 students. The course will explore factors that contribute to student success such as school law and policy and their relationship to the establishment of effective and respectful management, engaging classroom instruction, and meaningful learning for all students.

EDU 370. Integrating Tech into Educ. 2 Credits. (1 Lec, 1 Lab) F,S
PREREQUISITE: EDU 222 or EDU 223, sophomore standing. Exploration of technology use in society and the impact of learning and teaching. Includes strategies for developing technology-rich curriculum and techniques for enhancing learning through integration of technology and 21st century skills.

EDU 382. Assessment, Curric, Instructn. 3 Credits. (3 Lec) F,S
PREREQUISITE: EDU 222S or EDU 223S. Fundamental concepts of differentiated educational assessment for classroom teachers including the alignment of assessment to curriculum standards and essential understandings, quality of assessment principles of item construction, evaluation of student responses, interpretation of results, and improvement of techniques.

EDU 395. Practicum. 3 Credits. (3 Lab; 12 cr max) F,S
PREREQUISITE: Completion of M 133Q, EDU 382, and good standing in the Teacher Education Program. This course will introduce students to the role and responsibilities of reading specialists in the professional school setting. Topics include instruction and practice related to curriculum and instructional issues in the professional school setting. Includes strategies for developing technology-rich curriculum and techniques for enhancing learning through integration of technology and 21st century skills.

EDU 397. Methods. 3 Credits. (2 Lec, 1 Lab; 5 cr max) F,S
METHODS K-5 ART: PREREQUISITE: EDU 382 and good standing in the Teacher Education Program. This course will introduce students to the role and responsibilities of reading specialists in the professional school setting. Topics include instruction and practice related to curriculum and instructional issues in the professional school setting. Includes strategies for developing technology-rich curriculum and techniques for enhancing learning through integration of technology and 21st century skills.
EDU 409. Professional Issues: K-8. 2 Credits. (2 Lec) F,S
PREREQUISITE: Senior standing, completion of all required EDEL methods courses, and good standing in Teacher Education Program. COREQUISITE: EDU 405. Senior capstone course. Review the role of teachers and elementary school; school law; teacher contracts; certification; professional organizations; ethics; job seeking; job success; cooperative learning; and other critical issues for elementary education majors.

EDU 411. ESL/Teaching Culturally/Linguistically Diverse K-12 Students. 3 Credits. (3 Sem) F,S
PREREQUISITE: EDU 211 and EDU 222IS or EDU 223IS, or consent of instructor; EDU 382 may be taken as a co-requisite. This course provides an overview of linguistically/culturally appropriate instructional strategies for K-12 teachers to implement with English Language Learners in the regular classroom. This course examines current research, controversial issues, and best practices surrounding second language acquisition and language learning.

EDU 422. Ed Computing Mgmt/App. 1-3 Credits. (1-3 Ind; 3 cr max) On Demand
PREREQUISITE: EDU 370. A flexible format that allows the student to select hands-on learning modules based on student need and interest in educational technology and 21st century skills.

EDU 431. Teaching Reading: 4-8. 4 Credits. (4 Lec) F,S,Su alternate years
PREREQUISITE: EDU 382, EDU 331, and good standing in Teacher Education Program. Current theory and practice address literacy instruction in grades 4-8, with special emphasis on middle school. Topics include reading strategies, the writing process, and workshop approaches to literacy.

EDU 432. Lit and Literacy for Yng Adls. 3 Credits. (3 Lec) F
PREREQUISITE: EDU 331 and EDU 382. Survey of materials for young adult readers. Includes literary analysis, pedagogy, electronic resources, and motivational strategies.

EDU 438. Lrcy Asmnt, Diagnos & Instr. 3 Credits. (2 Lec, 1 Lab) F,S
PREREQUISITE: EDU 330 or EDU 397 (Methods: K-8 Language Arts), and EDU 438, and good standing in Teacher Education Program. Current theory and techniques in literacy assessment and individualization. Emphasis will be on specific instructional strategies that focus on independence in reading and writing. A practicum is included.

EDU 470. Advanced Educ Technology. 3 Credits. (2 Lec, 1 Lab) F
Hands on experiences in the production of advanced instructional materials. Emphasis on exploration of techniques using current and cutting edge technologies. Appropriate for media specialists, teachers, trainers and communicators interested in using the new technology tools.

EDU 481. Literacy Across the Curriculum. 2 Credits. (2 Lec) F,S
PREREQUISITE: EDU 330 or EDU 397 (Methods: K-8 Language Arts), and good standing in the Teacher Education Program. PREREQUISITE or COREQUISITE: EDU 395. Techniques, materials, and theories in teaching effective reading skills in all content fields, grades 5-12.

EDU 490R. Undergraduate Research. 1-6 Credits. (1-6 Ind; 12 cr max) F,S
Max 12 cr. Directed undergraduate research which may culminate in a research paper, journal article, or undergraduate thesis. Course will address responsible conduct of research. May be repeated.

EDU 491. Special Topics. 1-4 Credits. (1-4 Lec; 12 cr max) On Demand
Max 12 cr. PREREQUISITE: Course prerequisites as determined for each offering. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

EDU 492. Independent Study. 1-3 Credits. (1-3 Ind; 6 cr max) On Demand
Max 6 cr. PREREQUISITE: Junior standing, consent of instructor, and approval of department head. Directed research and study on an individual basis.

EDU 493. Study Abroad. 1 Credit. (1 Sem; 4 cr max) On Demand
PREREQUISITE: Junior standing and as determined for each offering. Topics offered at the upper division level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

EDU 494. Seminar Lab Safety. 1 Credit. (1 Sem; 4 cr max) F,S
PREREQUISITE: Junior standing. Topics offered at the upper division level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

EDU 495. Student Teaching. 5-16 Credits. (5-16 Ind; 16 cr max) F,S,Su
Max 5-16 cr. IND PREREQUISITE: Senior standing, completion of all required coursework and good standing in Teacher Education Program. COREQUISITE: EDU 408 for Student Teaching Level 5-12. Specific sections determine grade level either K-8, 5-12, or K-12. Observation and teaching in a classroom setting; preparation and delivery of lesson plans, and teacher work sample. The student teaching experience will occur under the supervision of experience teachers and MSU field supervisors.

EDU 496. Methods: K-12 Modern Languages. 4 Credits. (3 Lec, 1 Lab) S
PREREQUISITE: EDU 382, 20 or more credits in subject area, and good standing in Teacher Education Program. COREQUISITE: EDU 395 (for teaching majors in this subject) Provides prescriptive foreign language instructors with a practical and theoretical foundation for planning (including lesson/unit), implementing teaching, and evaluating programs and learning for levels K-12. Content reading skills are also addressed. Includes practicum experience for majors only.

EDU 497. Methods. 3 Credits. (2 Lec, 1 Lab; 20 cr max) S
PREREQUISITE: EDU 382, 20 or more credits in subject area and good standing in Teacher Education Program. COREQUISITE: EDU 395 (for teaching majors in this subject). Problem solving approach to planning (including lesson/unit), teaching and evaluating vocational and technology education at the middle and secondary school levels. Content area reading will be investigated. Includes practicum experience. METHODS 5-12 ART: PREREQUISITE: EDU 382, 20 or more credits in subject area and good standing in Teacher Education Program. COREQUISITE: EDU 395 (for teaching majors in this subject) Emphasizes the teacher-as the essential resource for art experiences in the schools. Readings and written assignments, exploring curriculum content and program implementation, media, resources, content reading, lesson/unit planning and evaluation issues in art education. Includes practicum experience. METHODS 5-12 ENGLISH: PREREQUISITE: EDU 382, 20 or more credits in subject area and good standing in Teacher Education Program. COREQUISITE: EDU 395 (for teaching majors in this subject). Teaching strategies, methods and materials for planning (including lesson/unit); implementing and evaluating language arts instruction. Includes components on course design, writing, reading, literature, speaking and media instruction, and professional development. Includes practicum experience. METHODS 5-12 SOCIAL SCIENCES: PREREQUISITE: EDU 382, 20 or more credits in subject area, and good standing in Teacher Education Program. COREQUISITE: EDU 395 (for teaching majors in this subject). Emphasizes techniques in presenting materials, and planning class activities (including lesson/unit). Methods of teaching and evaluating algebra, geometry, trigonometry, probability/statistics; application of current mathematics education research and reading in the content area of mathematics. Includes practicum experience. METHODS 5-12 HEALTH ENHANCEMENT: PREREQUISITE: EDU 382, EDU 397 (Methods: K-8 Health Enhancement) 20 or more credits in subject area, and good standing in Teacher Education Program. Developing pedagogical content knowledge by focusing on research based instructional strategies, methods, materials, and content reading for planning, implementing, and evaluating health enhancement lessons, units, and programs in secondary schools. Includes practicum experience. METHODS 5-12 SCIENCE: PREREQUISITE: EDU 382, 20 or more credits in subject area, and good standing in the Teacher Education Program. COREQUISITE: EDU 395 (for teaching majors in this subject). Focuses on methods of planning (including lesson/unit), teaching, and evaluating science inquiry skills, content, attitudes, and safety in the secondary classroom.

EDU 497R. Methods: 5-8 Mathematics. 3 Credits. (2 Lec, 1 Lab) S
PREREQUISITE: EDU 382, 20 or more credits in subject area, and good standing in Teacher Education Program. Effective techniques in presenting materials, planning class activities, and creating good learning experiences. Methods of teaching and evaluating arithmetic, remedial mathematics, basic geometry, introductory algebra, and reading/writing mathematics.

EDU 498. Internship. 1-5 Credits. (1-5 Ind; 5 cr max) On Demand
Max 5 cr. PREREQUISITE: EDU 382 and consent of instructor. An individualized assignment with a professional agency to provide a guided field experience.

EDU 602. Educational Statistics II. 3 Credits. (3 Lec) S
PREREQUISITE: EDCI 501. The application of statistical processes to the analysis of educational data. Educational problems that apply multifactor ANOVA, multiple comparison techniques, ANCOVA, multiple regression, and factor analysis in their solution are included.
EDU 607. Quantitative Educational Research. 3 Credits. (3 Lec) F
PREREQUISITES: EDCI 502, EDCI 506, and graduate standing. This course explores the implications of and application of the quantitative research paradigm to systematic inquiry within the field of education. The course includes quantitative designs, design-related data collection and management methodologies, appropriate data analysis and writing strategies, and the role of quantitative research in decision-support. Students will plan and complete a quantitative research project. Course will address responsible conduct of research.

EDU 608. Advanced Educational Research. 3 Credits. (3 Lec) F
PREREQUISITES: EDCI 502, EDCI 507, EDCI 607. Doctoral Students will operationalize a research plan proposed in EDCI 507 or EDCI 607. Specifically, they will refine their research proposals to produce a dissertation proposal that is defensible by piloting research procedures, data collection methods, data analysis techniques, and presentation of results in written and oral formats.

EDU 610. Qualitative Educational Research. 3 Credits. (3 Lec) F
PREREQUISITES: Graduate standing and EDCI 506. This course explores the implications and application of the qualitative research paradigm to systematic inquiry within the field of education. Methods used in qualitative research including techniques of data collection, analysis, and reporting will be reviewed. Students will plan and complete a qualitative research project. Course will address responsible conduct of research.

EDU 612. Critical Race Theory. 3 Credits. (3 Lec) F
Critical Race Theory (CRT) is an analytical framework that provides a raced-based epistemological and methodological approach to study racial inequality in education. This seminar focuses on the application of CRT to educational leadership, policy, and practice.

EDU 613. Indigenous Methodologies in Educational Research. 3 Credits. (3 Sem)
An examination of interdisciplinary methodologies demonstrated in sociocultural context highlighting ethical practices when researching Indigenous peoples. Students get guidance in framing a culturally attuned methodology for their research and examine critiques of Indigenous methodologies.

EDU 614. Planning Program Assessment. 3 Credits. (3 Lec) F
PREREQUISITES: EDLD 506 and graduate standing or consent of instructor. In this course, students learn about the literature, models, standards, strategies, and skills to plan and implement an assessment or program evaluation of educational programs, services, and administration. Students evaluate literature and conduct an original assessment project.

EDU 637. Institutional Research and Assessment in Higher Education. 3 Credits. (3 Lec) F
PREREQUISITE: Graduate standing. Students will explore the roles of institutional research and assessment in higher education identifying appropriate measures for academic and administrative assessment, internal and external data sources, analytic techniques, and the communication of information to academic and administrative decision makers.

EDU 650. Dissertation Seminar. 3 Credits. (3 Sem) F
PREREQUISITES: Graduate standing and as determined for each offering. Topics offered at the graduate level that are not covered in regular courses. Students participate in preparing and presenting discussion material.

EDU 691. Doctoral Seminar. 3 Credits. (3 Sem) F,Su
PREREQUISITE: Student must be in the PhD Education program, and consent of instructor. This Special Topics course provides students with an overview of doctoral program requirements in education. Students will be oriented to the required coursework, teaching and research responsibilities and available resources. Students will develop research problems and methodologies for conducting dissertation research.