

ELEMENTARY EDUCATION BS, CERTIFICATE AND MINORS

Elementary Education

College of Education

Department of Educational Studies: Elementary and Early Childhood
328 Armstrong Hall • 507-389-1516

Chair: Karen Colum

Faculty: Peg Ballard, Beth Beschorner, Ron Browne, David Kimori, Karl Matz, Lori Prowlowski, Steven Reuter, Elizabeth Sandell, Lisa Vasquez

Accreditation. Council for the Accreditation of Educator Preparation (CAEP) and Minnesota Board of Teaching (BOT)

The Elementary Education program strives to prepare elementary teacher candidates for twenty-first century schools. Students in the program develop necessary skills, knowledge and dispositions to create socially just classrooms for all learners. During the first two years, students complete program requirements designed to build knowledge of content across multiple disciplines. During the final two years, students are admitted into a cohort. In this cohort, students develop pedagogical knowledge and skills in elementary methods courses that focus on critical reflection, racial equity, culturally responsive teaching, and integrating technology. A key part of the Elementary Education program is completion of several extensive field experiences in elementary classrooms, which culminate in a year-long student teaching experience.

Note: Requirements related to teaching majors are subject to change as new rules governing teacher licensure are adopted by the Board of Teaching.

Academic Map/Degree Plan at www.mnsu.edu/programs/#All

POLICIES/INFORMATION

Admission to the Major.

1. Completion of 30 credits.
2. Minimum grade of "B" in ENG 101 and CMST 100 or CMST 102.
3. Cumulative grade point average of 3.00 or better.

Admission to Professional Education.

1. Minimum grade of "B" (ENG 101, CMST 100 or CMST 102)
2. MATH 201; EEC 215 and EEC 222W
3. Cumulative GPA of 3.00 or higher
4. Completion of 40 credits
5. Completion of or registration for Basic Skills Examination
6. Completion of National Criminal Background Check
7. Proof of liability insurance

Admission to Blocks. Admission to Blocks is based upon an application process and is competitive based upon cumulative GPA. While in Blocks students will be monitored for:

1. Successful completion of coursework
2. Successful completion of field experiences
3. A cumulative GPA of 3.00 or higher
4. Evaluation of professional dispositions
5. Completion and validation of application materials one year prior to student teaching semester.
6. Completion of National Criminal Background Check.

Admission to Student Teaching (119 Armstrong Hall)

Director of Office of Field and International Experience: Elizabeth Finsness, Ph.D. Student teaching at Minnesota State Mankato is a results-oriented, performance based 16-week program requiring the demonstration of an acceptable level of teaching performance in the areas of planning and preparation, enhancing the learning environment, teaching for student learning, and professionalism. Multiple methods of assessment are used and evidence collected to provide a view of the teacher candidate's skills and dispositions. These methods include direct observations of teaching activities by public school and university faculty, the use of videotaped lessons and activities for self-assessment, use of logs, participation in learning communities, and participation in activities reflective of the professional

responsibilities of teachers (e.g., parent conferences). The Director of the Office of Field and International Experience requests placements for all teacher candidates in partner districts, especially our Professional Development Schools. Teacher candidates should not contact schools regarding their placement.

Admission to the student teaching experience is contingent upon completion of:

1. Completion of all coursework in major and General Education requirements.
2. A cumulative GPA of 3.00 or higher; grades of "C" or higher in all program requirements.
3. Admittance to Professional Education.
4. Completion of all professional education course work.
5. Completion and validation of formal application materials one year prior to student teaching semester.
6. Attendance at all preliminary student teaching meeting(s).
7. Recommendation of advisor.
8. Approval of placement by school district administration, a mentor teacher, and Director of the Office of Field and International Experience, and completion of Minnesota State Police Background check materials.

Application material and specific deadline dates are available online at <http://ed.mnsu.edu/filed/studentteaching/applications.html>

EEC 463 Elementary Student Teaching I and EEC 473 Student Teaching Elementary II make up a year-long student teaching experience. Year-long student teaching placements are consecutive and take place during the last two semesters in the same one classroom. These typically take place in our professional development schools.

Study abroad experiences may be available during student teaching. Selection is based on personal interview, faculty recommendation, and grade point average. Students develop interpersonal communication skills and dispositions for living in a global society. Student participating in study abroad opportunities will be required to complete course requirements in a shorter timeframe, but they are compatible with the year-long student teaching experience. Additional fees will be incurred with participation in student teaching abroad programs.

Teacher Licensure (118 Armstrong Hall)

Coordinator: Marisel Riquelme

The University recommends licensure to a state upon satisfactory completion of a licensure program. However, licensure does not occur automatically through graduation and the awarding of a diploma. Students need to make application for a Minnesota teaching license at the close of the term in which they graduate. The College of Education, 118 Armstrong Hall, coordinates the licensure process. In addition to meeting all program requirements, the Basic Skills examination in reading, writing, and mathematics needs to be successfully completed, as well as the Elementary Pedagogy and Content examinations. Minnesota State Law requires that all candidates applying for initial licensure in this state be fingerprinted for national background checks. A conduct review statement will also need to be completed and signed. There is a \$31 fee for the criminal background check. The fee for the issuance of a Minnesota teaching license is \$57.

GPA Policy. All coursework listed in the elementary Education degree requires a cumulative GPA of 3.00 and a grade of "C" or higher. Students must achieve at least a 3.00 GPA in Professional Education courses.

University Requirements: University Requirements: A student may apply for admission to a combined undergraduate/graduate program. The student must complete at least 60 undergraduate credits before applying to a graduate program. A max of 12 credits at the 400/500-level may be double-counted toward both an undergraduate and graduate program. The graduate program advisor will authorize the double-counted courses for which a student may register. A student pays graduate tuition for a double-counted course. A student must be registered for a double-counted course in the same semester (e.g., no backdating of a 400-level to a 500-level is permitted).

Department Requirements: This is for undergraduates pursuing a STEM Certificate in Elementary Education. Students must have a 3.0 GPA in STEM related courses.

Admission to major and Professional Education is granted by the Advising Office, 117 Armstrong Hall.

ELEMENTARY EDUCATION BS, TEACHING

Degree completion = 120 credits

Required General Education

CHEM 100 Chemistry in Society (4)
EEC 222W Human Relations in a Multicultural Society (3)

ELEMENTARY EDUCATION CONTINUED

GEOG	100	Elements of Geography (3)
GEOL	100	Our Geologic Environment (3-4)
MATH	112	College Algebra (4)
MATH	201	Elements of Mathematics I (3)
THEA	101	Acting for Everyone (3)

Art General Education (choose 3 credits)

ART	100	Elements and Principles of Art (3)
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Communication Studies (choose 3 credits)

CMST	100	Fundamentals of Communication (3)
CMST	102	Public Speaking (3)

English General Education (choose 4 - 8 credits)

Students must take ENG 101 or ENG 103 and ENG 104. Course requirements are determined by your Accuplacer score.

ENG	101	Composition (4)
ENG	103	Stretch Composition I (4)
ENG	104	Stretch Composition II (4)

History General Education (choose 4 credits)

HIST	190	United States to 1877 (4)
HIST	190W	United States to 1877 (4)

Major Common Core (choose 15 credits)

BIOL	480	Biological Laboratory Experiences for Elementary Teachers (3)
EEC	215	Introduction to Educational Psychology and Instruction in the Elem Cl (4)
ENG	325	Children's Literature (3)
MATH	202	Elements of Mathematics II (3)
PHYS	480	Lab Experiences in Physical Science (3)

Block I (choose 17 credits)

EEC	411	Elementary Math Methods Primary (2)
EEC	412	Kindergarten Methods and Materials (3)
EEC	422W	Literacy Fundamentals (4-5)
EEC	423	Field Experience for the Diverse Classroom I (1)
EEC	427	Instructional Planning and Assessment (2)
EEC	444	Elementary Science I (4)

Block II (choose 16 credits)

EEC	431	Elementary Math Methods Intermediate (3)
EEC	432	Social Studies in Elementary School (3)
EEC	437	Field Experience for the Diverse Classroom II (1)
EEC	438	Creating Environments for Learning (1)
EEC	445	Literacy Methods Intermediate (4)
EEC	454	Elementary Science II (4)

Student Teaching I (choose 15 credits)

EEC	401	Music for Elementary Teachers (1)
EEC	405	Art for Elementary Teachers (1)
EEC	415	Physical Education for Elementary Teachers (1)
EEC	421	MTSS: Interventions in Reading and Math (4)
EEC	424	Special Education and Behavioral Needs in Elementary Education (3)
EEC	463	Elementary Student Teaching I (1)
ENG	491	Teaching English Language Learners in the Mainstream Classroom

Student Teaching II (choose 12 credits)

EEC	473	Elementary Student Teaching II (12)
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FIELD EXPERIENCES. A major component of professional education coursework involves field experiences in area schools. These experiences are sequential in development, time commitment, and skills practice. Field experiences are required for EEC 215 and EEC 222W. During blocks students will have extensive field experience, Monday through Friday. Multiple methods of assessment are used to document competencies. These methods include direct observations of teaching activities by public school and University faculty, the use of videotaped lessons and activities for self-assessment, use of logs, participation in on-line activities, and participation in activities reflective of the professional responsibilities of teachers. The successful completion of each field experience is necessary for progression in the program. All field placements are initiated by the Office of Field Experience.

Background Checks. All field placements are initiated by the Office of Field Experience. Students involved in any field experience need to undergo a national criminal background check prior to admittance to professional education and prior to student teaching. Students are responsible for the fees associated with the background checks. This information is provided to districts for their determination of suitability for placement. The Office of Field Experience coordinates the background check process.

Middle School Math Minor

Minor Core

EEC 494 (4) OR *EEC 451 (1-2)
*EEC 451 is for students who hold a K-6 initial license
EEC 410 Philosophy & Practices in the Middle School (3)
EEC 428 Teaching Reading and Writing in the Content Areas (3)
EEC 446 Educational Technology-STEM (3)
EEC 451 Middle School Experience (2)
EEC 494 Student Teaching Middle School (4)
MATH 112 College Algebra (4)
MATH 181 Intuitive Calculus (3)
MATH 203 Elements of Math III (3)
STAT 154 Elementary Statistics (4)

Middle School Science Minor

Minor Core

EEC 494 (4) OR *EEC 451 (1-2)
*EEC 451 is for students who hold a K-6 initial license
AST 101 Introduction to Astronomy (3)
BIOL 100 Our Natural World (4)
CHEM 201 General Chemistry I (5)
EEC 410 Philosophy & Practices in the Middle School (3)
EEC 428 Teaching Reading and Writing in the Content Areas (3)
EEC 446 Educational Technology-STEM (3)
EEC 451 Middle School Experience (2)
EEC 494 Student Teaching Middle School (4)
GEOL 121 Physical Geology (4)
GEOL 310 Earth and Space Systems (3)

Middle School Communication Arts & Literature Minor

Minor Core

EEC 494 (4) OR *EEC 451 (1-2)
*EEC 451 is for students who hold a K-6 initial license
EEC 410 Philosophy & Practices in the Middle School (3)
EEC 428 Teaching Reading and Writing in the Content Areas (3)
EEC 494 Student Teaching Middle School (4)
ENG 242W Introduction To Creative Writing (4)
ENG 285 Practical Grammar (2)
ENG 425 Topics in Children's Literature (2-4)
ENG 464 Teaching Literature in the Middle School (3)

ELEMENTARY EDUCATION STEM CERTIFICATE

The Elementary Education STEM Certificate will provide teacher candidates with preparation needed to become effective STEM teachers.

Major Emphasis: Elementary Education STEM Certificate

BIO	480	Lab Experiences for Elementary Teachers (3)
EEC	436	Engineering for Elementary Teachers (3)
EEC	446	Educational Technology-STEM (3)
EEC	456	Special Topics: STEM for Elementary Teachers (1)
EEC	467	Integrating Science, Technology, Engineering, and Math for Elementary Teachers (3)
EEC	470	Field Experience in Reading and STEM (1)
MTH	203	Elements of Math III (3)
PHY	480	Lab Experiences in Physical Science (3)

COURSE DESCRIPTIONS

ELEMENTARY EDUCATION

EEC 092 (2) Reading Strategies

This course is designed to assist students in the development of specific reading strategies necessary for success with the literacy demands of the university classroom and beyond.

Fall, Spring

EEC 200 (3) Early Clinical Experience: Elementary School

A first course for elementary education majors. Experience in elementary classrooms, understanding children as learners, levels of instruction, general methods, and the teaching role.

Fall, Spring

EEC 205 (3) Service Learning: Society and the Environment

Community-based field experience to increase understanding for elementary education teachers about today's complex environmental challenges. Students examine the interrelatedness of human society and the natural environment through a service learning experience at an area public school.

GE-10

ELEMENTARY EDUCATION CONTINUED

EEC 210 (1-4) Seminar

An early course for elementary education majors. Exploration of the career field, introduction to the role of standards in education, overview of general methodology for the elementary classroom.

Variable

EEC 215 (4) Introduction to Educational Psychology and Instruction in the Elementary

This course provides students opportunities to: 1, understand the theories and contributions of major educational psychologist and theorists; 2, develop and demonstrate skills in educational technologies; 3, develop context for the knowledge and skills described above through activities/field experience.

Fall, Spring

EEC 220 (1-4) Field Study

This experience is designed jointly between student, advisor and a classroom teacher for the student to gain insight into the workings of the elementary classroom.

Variable

EEC 222W (3) Human Relations in a Multicultural Society

Study of interpersonal skills, motivation and group skills. Applied to educational settings. Meets State of Minnesota human relations requirement for teacher licensure.

Fall, Spring

WI, GE-7, GE-11

Diverse Cultures - Gold

EEC 225 (2) Technology Applications in Education

Provides the necessary knowledge base and instructional applications for using technology in the classroom.

EEC 230 (1-4) Individual Study

An experience/project designed by the student and advisor to provide for further study of a topic or component within the realm of elementary education. Could be exploratory in nature.

Variable

EEC 235 (1-4) Independent Study

Student directed learning; project jointly determined between student and advisor.

Variable

EEC 240 (1-4) Research

An opportunity to truly research an area within elementary education to provide a more in depth understanding.

Variable

EEC 250 (1-4) Internship

An opportunity to work in an elementary classroom under the direction of the classroom teacher.

Variable

EEC 300 (1-4) Seminar: Children's Literature

Introduction to children's literature, both current and classic works. Exploration of authors, genres, and illustrations. Selection, evaluation, and use with K-6 children.

Variable

EEC 301 (1-2) September School Experience

EEC 302 (1) Extended School Experience

Individually-designed field experience in an elementary education classroom. Variable credits for 30 hours of practical experience in consultation with academic advisor and cooperating classroom teachers.

EEC 303 (1) Classroom Methods

Presentation and experience of creative, active learning methods for teaching in the elementary education classroom.

EEC 310 (1-4) Individual Studies: Health for Elementary Teachers

The course is designed to prepare the elementary classroom teacher with methods and materials for teaching health.

Variable

EEC 315 (1-4) Individual Study: Drug/Alcohol Education

This is a course jointly designed by the student and advisor to address the State of Minnesota requirements concerning drug/alcohol education for licensure.

Variable

EEC 316 (1-4) Field Study: Math for Elementary Students

The purpose of this course is to prepare elementary level mathematics teachers to use appropriate content, materials, and methods in teaching.

Variable

EEC 317 (1-4) Field Study: Math Grades 1-6

This course is designed to provide students with the necessary math content for successful math instruction in the elementary classroom.

Variable

EEC 318 (1-4) Field Studies: Math Grades 7-8

This course is designed to provide math content to assist the middle school level math educator.

Variable

EEC 321 (1) Literacy Field Experience

Experiences in elementary classrooms.

Co-requisite: EEC 320, EEC 334, EEC 355

Fall, Spring

EEC 322 (3) Science/Health in the Elementary School

Designed to help future teachers understand the role of science education in the school curriculum and to become familiar with some of the trends, issues and problems associated with it.

Prerequisite: EEC 333

Co-requisite: EEC 323, EEC 324, EEC 407, EEC 421, EEC 444

Fall, Spring

EEC 325 (1) Classroom Management I

Basic methods and approaches for organizing the classroom for instruction and for addressing minor misbehaviors.

Fall, Spring

EEC 330 (1-4) Individual Study: Social Studies in the Elementary School

This course is designed to prepare the elementary classroom teacher to select and organize content, materials, activities, procedures for effective instruction in the area of social studies.

Variable

EEC 331 (1-4) Individual Study: History for Elementary Teachers

This course is designed to prepare the elementary classroom teacher with the necessary content to teach American History.

Variable

EEC 332 (2) Developmental Reading

Principles and organization of the reading program. Instructional materials and procedures. This course does not meet requirement for elementary education.

Fall

EEC 333 (2) Classroom Learning Theory

Focus on principles of psychology and techniques of learning--behavioristic, cognitive, and humanistic.

Fall, Spring

EEC 336 (1-4) Individual Study: Geography for Elementary Teachers

This course is designed to prepare students with the necessary content knowledge to teach geography in the elementary classroom.

Variable

EEC 340 (1-4) Research: Science Elementary Teaching

This course is designed to prepare the elementary classroom teacher to use appropriate content, materials, and methods in teaching.

Variable

EEC 342 (2) Teaching Science, Technology and Social Studies in the Middle School

Project-based interdisciplinary instruction, infusing technology in middle school mathematics, social studies, and science classrooms.

Fall, Spring

EEC 350 (1-4) Internship: Trends/Issues in Education

An opportunity to explore in an extended manner many of the current trends and issues within the elementary school setting to gain a more in-depth understanding.

Variable

EEC 352 (2) Reading in the Middle School

Development and definition of literacy in the middle school.

Prerequisite: EEC 333

Variable

EEC 368 (4) Preprimary Methods and Materials

Instructional strategies, theories of curriculum and development, integrated curriculum for 3, 4, and 5 year olds.

Co-requisite: EEC 369

Fall, Spring

EEC 369 (1) Preprimary Field Experience

Clinical experience to accompany EEC 368.
Co-requisite: EEC 368
Fall, Spring

EEC 400 (1-4) Seminar: Music Fundamentals

To provide the background content necessary for the elementary classroom teacher.
Variable

EEC 401 (1) Music for Elementary Teachers

To provide the methods and materials necessary to teach music in the elementary classroom.

EEC 402 (3) Introduction to Teaching the LEP Student

For teachers of students whose dominant language is other than English.
Variable

EEC 405 (1) Art for Elementary Teachers

This course is designed to provide necessary methods and materials for use in teaching art in the elementary classroom.
Variable

EEC 410 (3) Philosophy & Practices in the Middle School

The middle school concept, curriculum, and teaching methods.
Prerequisite: EEC 333
Fall, Spring

EEC 411 (2) Philosophy & Practices in the Middle School

This course is designed to develop elementary teacher candidates' understanding of mathematics content, children's mathematical thinking, and creating high-cognitive demand tasks as well as cultivating an equity mindset that is needed to teach mathematics to increasing diverse student populations. This course will strengthen teacher candidates' understanding of number sense, place value, addition, and subtraction concepts taught in primary grade classrooms.
Fall, Spring

EEC 412 (3) Kindergarten Methods and Materials

Instructional strategies, theories of curriculum and development, integrated curriculum for kindergarten children.
Co-requisite: EEC 413 for early childhood education major only.
Fall, Spring

EEC 413 (1) Kindergarten Methods and Materials: Lab

Clinical experience to accompany EEC 412.
Co-requisite: EEC 413 for early childhood education majors only.
Fall

EEC 414 (2-4) Diagnosis and Corrective Instruction in Elementary Mathematics

Diagnostic teaching, evaluating deficiencies, skill analysis, use of case studies and tools of diagnosis.
Prerequisite: EEC 324
Variable

EEC 415 (1) Physical Education for Elementary Teachers

This course is designed to prepare the elementary classroom teacher with methods and materials for teaching physical education.
Variable

EEC 417 (3) Teaching Reading to ESL Students

This course presents the theoretical base for the reading process, strategies for vocabulary development, and methods for content area learning as applied to second language learners.
Spring

EEC 418 (2) Elementary School Science Activities

Identification of appropriate science equipment, process skills, concepts and instructional attitudes for science in the elementary school.
Prerequisite: EEC 322
Variable

EEC 420 (3) Reading Difficulties

Foundation level of knowledge concerning the characteristics, causes, diagnosis and treatment of reading difficulties.
Prerequisite: EEC 332 or EEC 334
Variable

EEC 421 (4) Multi-Tiered Systems of Support: Assessment & Interventions

Assessment (benchmarking, progress monitoring & diagnostic) and strategies for assisting struggling learners in reading and mathematics within the Response to Intervention (RTI) framework.
Co-requisite: EEC 424 and ENG 491
Fall, Spring

EEC 422W (4-5) Literacy Fundamentals

This course explores young children's (birth to age 8) development of emergent literacy skills related to reading, writing, visual representation, speaking, listening, and viewing. The role of parents and early childhood learning environments are included. Observation, assessment, and strategies to promote emergent literacy are discussed. The use of appropriate children's literature is promoted.
Fall, Spring

EEC 423 (1) Field Experience for the Diverse Classroom I

A field experience focused on diagnosis and remediation of the struggling reader.
Fall, Spring

EEC 424 (3) Special Education and Behavioral Needs in Elementary Education

Provides elementary education majors with information about special needs students in the regular classroom. Includes strategies for effectively teaching and managing behavior of these students.
Fall, Spring

EEC 425 (1-4) Individual Study: Reading for Elementary

This course is designed to prepare the elementary classroom teacher with the methods and materials for teaching reading to the K-6 student.
Variable

EEC 426 (1-4) Research: Utilizing Media for Teaching

This course is designed to prepare the elementary classroom teacher to use media effectively for instruction.
Variable

EEC 427 (2) Instructional Planning and Assessment

Students will develop the knowledge they need to understand the difference between assessment and evaluation; what validity, reliability and bias mean; the uses, advantages and limitations of different types of assessments and how to interpret their results. Students will also design assessments and scoring instruments.
Prerequisite: EEC 333
Co-requisite: EEC 320, EEC 321, EEC 334, EEC 355
Fall, Spring

EEC 428 (3) Teaching Reading and Writing in the Content Areas

Presents strategies for teaching reading and writing knowledge, attitudes and skills in the various teaching content areas.
Fall

EEC 430 (2) The Elementary Classroom

Historical foundations, influencing factors, issues. Projects in curricular organization. Deals with educational values. Awareness of current elementary school issues.
Prerequisite: Admission to Professional Education
Variable

EEC 431 (3) Elementary Math Methods Intermediate

This course is designed to develop elementary teacher candidates' understanding of mathematics content, children's mathematical thinking, and high-leverage practices as well as cultivating an equity mindset that is needed to teach mathematics to increasing diverse student populations. This course will strengthen teacher candidates' understanding of multiplication, division, fraction, decimal and algebraic concepts taught in intermediate classrooms.
Fall, Spring

EEC 432 (3) Social Studies in Elementary School

Selection and organization of content, materials, activities, and procedures for the elementary classroom.
Prerequisite: Admission to Professional Education, EEC 333
Co-requisite: EEC 321, EEC 334, EEC 335, EEC 355
Fall, Spring

EEC 436 (3) Engineering for Elementary Teachers

This course provides hands-on experiences through which students learn the basics of engineering. Topics include the engineering design process, reverse engineering, and engineering fields/professions. The course focuses on the engineering strand of the K-6 Minnesota State Science Standards.
Summer

ELEMENTARY EDUCATION CONTINUED

EEC 437 (1) Field Experience for the Diverse Classroom II

Science/health/math experience in elementary classrooms.

Co-requisite: EEC 322, EEC 324, EEC 407, EEC 421, EEC 444

Fall, Spring

EEC 438 (1) Creating Environments for Learning

Teacher candidates will identify specific strategies for creating classroom environments that support all children. Emphasis will be placed on establishing classroom procedures, routines, and practices that align with, and provide a foundation for, racial equity, social justice, and cultural competence.

Fall, Spring

EEC 443 (1) Primary Grade Mathematics and Science Lab

Clinical field experience to accompany EEC 442. Students will observe and teach primary age children. Requires 30 contact hours in an primary grade classroom. Students will plan and implement developmentally appropriate activities/lessons related to math, science, and social studies.

Co-requisite: EEC 440, EEC 441, EEC 442

Fall

EEC 444 (4) Elementary Science I

This course is designed to provide students with a variety of experiences and teaching methodologies for teaching life science topics in the elementary classroom.

Prerequisite: BIOL 100

Variable

EEC 445 (4) Literacy Methods for the Intermediate Classroom

A theoretical and practical methods course pertaining to children's intermediate literacy development.

Fall, Spring

EEC 446 (3) Educational Technology-STEM

Elementary education teacher candidates will study the technology skills needed in order to become effective STEM teachers.

Variable

EEC 450 (1-14) Internship: Elementary Student Teaching

Student teaching in the elementary school. Includes weekly seminar.

Variable

EEC 451 (1-2) Middle Level Practicum

The practicum consists of a minimum of four weeks during which candidates teach in the specific academic subject for the new licensure field. Those holding a license at the elementary level complete the experience with students in grades 7 or 8. Those who hold a license at the secondary level complete the experience with students in grades 5 or 6. The focus is on applying the standards of effective practice in teaching students, demonstrating both knowledge of the academic subject and students as well as the pedagogical skills required at the middle level.

Candidates for licensure at the middle school level will apply the Standards of Effective Practice in a new academic subject when working with learners in grades 5 - 6 (for those who hold a secondary license) or in grades 7 - 8 (for those who hold an elementary license).

EEC 454 (4) Elementary Science II

This course is designed to provide students with a variety of experiences and teaching methodologies for teaching physical science topics in the elementary classroom.

Prerequisite: PHYS 101

Variable

EEC 456 (1) Special Topics: STEM for Elementary Teachers

This course provides students with familiarity in regard to emerging topics of importance in elementary STEM education.

Variable

EEC 463 (1) Elementary Student Teaching I

This course is the first semester of elementary (K-6) student teaching. It includes lesson planning, small and whole group teaching, designing assessments and planning interventions.

Fall, Spring

EEC 467 (3) Integrating Science, Technology, Engineering, and Math for Elementary Teachers

In this pedagogy course, elementary teachers will learn to integrate the four disciplines of STEM: science, technology, engineering, and math.

Prerequisite: EEC 436

Variable

EEC 470 (1) Field Experience in Reading and STEM

Field experience focusing on the struggling reader and instruction in an integrated approach to teaching science, technology, engineering, and math (STEM).

Fall, Spring

Co-requisite: EEC 421, EEC 424, EEC 491

EEC 471 (6) Kindergarten Student Teaching and Seminar

Full responsibility of classroom with university supervision.

Prerequisite: EEC 370 and EEC 473, and admission to student teaching

Fall, Spring

EEC 472 (11) Student Teaching: Moderately/Severely Mentally Handicapped

Student teaching in special education. (TMH)

Prerequisite: Special Ed. Methods

Fall, Spring

EEC 473 (12) Student Teaching Elementary II

Student teaching in the elementary school. Includes weekly seminar.

Prerequisite: Methods Courses; admission to student teaching.

Co-requisite: EEC 466, EEC 494

Fall, Spring

EEC 478 (5) Supplementary Student Teaching Elementary

Student teaching in the elementary school including weekly seminar for K-12 majors.

Prerequisite: Admission to student teaching.

Co-requisite: EEC 476 and KSP 475

Fall, Spring

EEC 479 (11) Student Teaching Mildly/Moderately Mentally Handicapped

Student teaching in special education. (EMH)

Prerequisite: Admission to student teaching

Fall, Spring

EEC 483 (2) Supervision of Student Teachers

Assist K-12 classroom teachers in developing their skills for supervising pre-service and student teachers.

Variable

EEC 490 (1-3) Workshop

The workshop format provides teachers and others opportunity to study a specific topic in a shortened, hands-on course.

Variable

EEC 491 (1-4) In-Service

Variable

EEC 493 (5) Student Teaching Middle School

Student teaching in a content area for a full-day, half-semester, in a middle school setting. For elementary students student teaching in middle school.

EEC 494 (4) Student Teaching Middle School

Student teaching in a second content area for a full-day, half-semester, in a middle school setting. For elementary students student teaching in middle school.

Prerequisite: EEC 473

Fall, Spring

EEC 495 (2-4) Internship: Early Childhood Family Education

Principles and practices in Early Childhood/Family Education and programs. On-site experiences are required.

Prerequisite: FCS 483, FCS 488

Variable

EEC 496 (3-6) Internship

Provides clinical experiences for pre-service teachers; extends laboratory experiences for those who have completed pre-student teaching experiences.

Prerequisite: Required methods

Variable

EEC 497 (3-6) Reading Internship

Student directed learning; project determined jointly between student and advisor.

Prerequisite: EEC 332 or EEC 334, EEC 420, EEC 422 or EEC 428

Variable

EEC 499 (1-4) Individual Study

By contract between student and faculty member.

Variable