

ELEMENTARY EDUCATION TRANSFER PATHWAY

ASSOCIATE OF SCIENCE (AS) – 60 CREDITS

About this program

The Elementary Education Foundations Transfer Pathway Associate of Science degree offers students interested in teaching kindergarten through sixth grade a powerful option: the opportunity to complete an A.S. degree with course credits that directly transfer to designated elementary education bachelor's degree programs at Minnesota State universities. The curriculum has been specifically designed so that students completing this pathway degree and transferring to one of the seven Minnesota State universities enter the university with junior-year status. All courses in this Transfer Pathway associate degree directly transfer and apply to the designated bachelor's degree program.

Program outcomes

1. Develop proficiency in academic content areas reflective of elementary classroom standards.
2. Explain the historical and philosophical foundations of schools in America.
3. Identify characteristics and developmental stages of early and middle childhood within social, cognitive, physical and emotional domains.
4. Explain factors that influence learning.
5. Analyze culturally responsive curriculum in field experiences.
6. Demonstrate student-centered learning using technology and research-based practices.
7. Create professional electronic portfolios displaying achievement in the field of education.
8. Demonstrate the process of a reflective practitioner.

Curriculum overview

Crds	Requirement type
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48	Required courses
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12	Restricted electives in course types
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60	Total
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Developmental courses note: A student may be required to enroll in developmental courses in reading, writing and math. A student's scores on the Accuplacer assessment will determine enrollment in developmental courses. The purpose of developmental courses is to prepare students for the demands of a college-level curriculum. *Credits may vary.*

Accreditation: Minnesota State Community and Technical College is accredited by the Higher Learning Commission, a regional accreditation agency recognized by the U.S. Department of Education. The Higher Learning Commission 230 South LaSalle Street, Suite 7-500 Chicago, IL 60604-1411 <http://www.ncahigherlearningcommission.org> Phone: 312.263.0456 / 800.621.7440

Curriculum requirement details

Required courses

Course	Credits
ART1110 - Introduction to Art	3
BIOL1104 - Biology of Human Concerns	3
BIOL1107 - Environmental Science Issues	3
BIOL1108 - Environmental Science Issues Lab	1
COMM1120 - Introduction to Public Speaking	3
ECE1107 - Child Growth and Development	3
ECE1111 - Diverse Children and Family Relations	3
ECE2103 - Children with Exceptionalities	3
ED2204 - Introduction to Education	3
ED2210 - Education Technology	3
ENGL1101 - College Writing	3
ENGL2372 - Children's Literature	3
MATH1101 - Mathematical Reasoning	4
MATH1114 - College Algebra	4
PSYC2222 - Lifespan Development	3
SOC2213 - Sociology of the Family	3

Other requirements or restricted electives

12 credits from these Course Types:

- General Education w/MnTC Goals

Course summaries

ART1110 - Introduction to Art (3 credits)
 Meets MnTC Goal Area 6F. This course provides an introduction to the elements and principals of visual arts and to the creative process. Students are encouraged to use a variety of media in drawing, painting and sculpture.

BIOL1104 - Biology of Human Concerns (3 credits)
 Meets MnTC Goal Areas 2 and 3. This course explores issues related to human biology with reference to genetics, nutrition, health, disease or other contemporary issues. Elements of molecular, cell and organismal biology are introduced as needed to understand the topics studied. This course is intended for non-science majors and consists of lecture and laboratory components.

BIOL1107 - Environmental Science Issues (3 credits)
 Meets MnTC Goal Areas 2, 3 and 10. This course involves the discussion and study of ecosystems, biodiversity, human adaptations to and modifications of those ecosystems, and current environmental problems and their possible solutions. This course includes lab-like experiences including an ecosystem observation and data analysis. This course is for non-science majors.

BIOL1108 - Environmental Science Issues Lab (1 credits)
 Meets MnTC Goal Areas 2, 3 and 10. This course includes laboratory work completed in conjunction with BIOL 1107 Environmental Science Issues. Laboratory experiences may include lab and field exercises, computer simulations and collection and analysis of data related to current environmental issues and their possible solutions. This optional lab must be taken concurrently with BIOL 1107.

COMM1120 - Introduction to Public Speaking (3 credits)
 Meets MnTC Goal Area 1. This course clarifies the process of oral communication, clarifies the basic principles of public speaking and allows the student to increase the application of these principles while both speaking and listening.

Prerequisites:

- Assessment into ENGL 1101

ECE1107 - Child Growth and Development (3 credits)
 This course provides an overview of the developmental stages of children ages prenatal through 8, including physical, social, emotional, language, cognitive and creative development. While studying the integration of theory and developmentally appropriate best practice, students observe children and analyze characteristics of development at various stages. Attention is focused on theory, developmentally appropriate, best practice and environmental factors that may affect development.

ECE1111 - Diverse Children and Family Relations (3 credits)
 This course covers relationships between a caregiver/teacher, child, family and community. Students explore teaching and environmental strategies that promote understanding and support diverse cultural and family structures. Students examine cultural diversity/dynamics, bias, sensitivity, theory and the importance of the context of family, culture and society as they relate to learning and child development.

ECE2103 - Children with Exceptionalities (3 credits)
 Students in this course examine strategies that support inclusive programs for children and families. The course addresses legal and ethical requirements, including eligibility and qualification for services. Topics include the Americans with Disabilities Act, the Individuals with Disabilities Education Act, and both typical and atypical development. Students also explore methods for adapting curriculum to meet the needs of children with developmental differences and strategies for cultivating partnerships with families.

ED2204 - Introduction to Education (3 credits)
 This course explores education in America, from early childhood through high school graduation. The course introduces the historical and philosophical foundations, program types, career opportunities or developmentally appropriate learning environments, social contexts, curriculum and instruction, standards and assessment, and contemporary issues related to the field. The roles, responsibilities, personal and ethical characteristics and daily life of teachers, schools and students are examined. The course includes 32 hours of experience in the field.

ED2210 - Education Technology (3 credits)
 This course is designed to provide students with the skills necessary to support and reinforce the instruction of K-6 students in the area of technology. Students will utilize technology to gather and develop classroom lesson plans. Students will examine assistive/augmentative technology and the technologies required of prospective and practicing teachers. Students will also learn to apply their skills and knowledge when assisting students.

Prerequisites:

- ED2204

ENGL1101 - College Writing (3 credits)
Meets MnTC Goal Area 1. This is an introductory writing course designed to prepare students for later college and career writing. The course focuses on developing fluency through a process approach, with particular emphasis on revision. Students will consider purpose and audience, read and discuss writing and further develop their own writing processes through successive revisions to produce polished drafts. Coursework will include an introduction to argumentative writing, writing from academic sources and a short research project.

Prerequisites:

- Completion of ELL1085, ENGL0096, or ENGL0097 with a grade of C or higher OR placement into college-level English.

ENGL2372 - Children's Literature (3 credits)
Meets MnTC Goal Areas 2, 6 and 7. This course introduces students to children's literature. Students read and respond to diverse, traditional and contemporary texts. Emphasis is placed on reading, analyzing, interpreting and evaluating children's literature from various contextual frameworks, such as the development of the genre, cognitive development, censorship and depictions of family, race and gender.

Prerequisites:

- ENGL1101

MATH1101 - Mathematical Reasoning (4 credits)
Meets MnTC Goal Areas 2 and 4. This course will introduce you to mathematical approaches to question asking, understanding, problem solving and presentation. Students will apply mathematical principles to varied disciplines including an exploration of a variety of social and global issues. Students will experience mathematics as a creative and evolving discipline. Practice in these areas may include problems involving sequences, methods of counting, probability, logic, statistics, finance, general problem solving and other topics. This course is not intended to prepare students for any subsequent course. It provides an alternative pathway to completing a college-level liberal arts mathematics course and is not intended for science, technology, engineering or math (STEM) students. Prerequisites: A grade of C or better in MATH 0095 or appropriate score on the math placement exam.

Prerequisites:

- Completion of MATH 0095 with a grade of C or higher OR placement into college-level Math.

MATH1114 - College Algebra (4 credits)
Meets MnTC Goal Areas 2 and 4. This course includes rational, polynomial, exponential, logarithmic, inverse and quadratic functions. The course also includes equations, inequalities, complex numbers and systems of linear equations. Additional topics may include matrices and determinants.

Prerequisites:

- MATH1020

OR

- Placement Exam

PSYC2222 - Lifespan Development (3 credits)
Meets MnTC Goal Areas 5 and 9. This course is a study of human development from the lifespan perspective, including theories, stages and influences of development. The course views the individual from conception to death through physical, cognitive, social and emotional development.

SOC2213 - Sociology of the Family (3 credits)
Meets MnTC Goal Areas 5 and 7. Families will be examined from the sociological perspective and will be compared across time and cultures. Family relationships, family structure and the effects of race, class, gender, age, social institutions and social policy will be explored in this course. Integral to this course are comprehensive discussions on topics such as dating, cohabitation, marriage/partnering, employment, domestic violence, parenting, divorce, remarriage/re-partnering and elder care. This course provides understanding of the family, family roles and the impact on the individual. Understanding public and private, platonic and intimate relationships can assist in the development of tolerance toward others.

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Program Plan — "FF Fall Start"

Locations: Fergus Falls

1st Fall Term (16 credits)

Courses

Course	Credits
COMM1120 - Introduction to Public Speaking	3
ECE1107 - Child Growth and Development	3
ED2204 - Introduction to Education	3
ENGL1101 - College Writing	3
MATH1101 - Mathematical Reasoning	4

1st Spring Term (16 credits)

Courses

Course	Credits
ART1110 - Introduction to Art	3
BIOL1107 - Environmental Science Issues	3
BIOL1108 - Environmental Science Issues Lab	1
ECE1111 - Diverse Children and Family Relations	3
ECE2103 - Children with Exceptionalities	3
SOC2213 - Sociology of the Family	3

2nd Fall Term (16 credits)

Courses

Course	Credits
BIOL1104 - Biology of Human Concerns	3
ED2210 - Education Technology	3
ENGL2372 - Children's Literature	3
MATH1114 - College Algebra	4
PSYC2222 - Lifespan Development	3

2nd Spring Term (12 credits)

Courses

No specific courses set for this term.

12 credits in one or more of the following:

General Education w/MnTC Goals