



Master of Education (General) Literacies and Numeracies 2024 Cohort Tentative Rotation

SUMMER On Campus	FALL Online	SPRING Online
July 2024	Sep to Dec 2024	Jan to Apr 2025
EDUC 5310 Foundations of Numeracy EDUC 5310 Foundations of Reading	EDUC 5300 Foundations of Modern Educational Theory and Practice (Curriculum and Learning Theories)	EDUC 5200 Curriculum Studies and Classroom Practice (Equity in Education)
July 2025	Sep to Dec 2025	Jan to Apr 2026
EDUC 5510 Reading Interventions for Elementary Students [part-time in summer, continues into fall] EDUC 5850 Numeracy as a Cross-Disciplinary Construct	EDUC 5400 The Nature of Educational Research (Research Literacy)	EDUC 5850: Assessment Theories and Practice
July 2026	Sep to Dec 2026	Jan to Apr 2027
EDUC 5500 Understanding Professional Practice and Professional Development (Engaging Mathematically) [part-time in summer, continues into fall] EDUC 5510 Teaching Multi-Modal, Multi-Genre Writing Across the Lifespan OR EDUC 5510 Teaching Reading Through Literature	EDUC 5310 Oral Foundations of Learning	EDUC 6006 Capstone (3 credits) OR EDUC 6030 Project (6 credits) OR EDUC 6040 Thesis (12 credits)

Students completing a Project or Thesis typically require additional terms to complete program. Additional course fees will be assessed if taken as extra to program.

Literacies and Numeracies Proposed Courses

This program is designed for working professionals, educators who want to enhance their capacity to support literacies and numeracies development in students across the lifespan and within multidisciplinary contexts.

This program will take an integrated perspective on literacies and numeracies as it works to equip educators:

- Understand how language, literacies, and numeracies develop
- Understand how literacies and numeracies are developed and applied within oral cultures.
- Develop an applied understanding of learning theories from multiple perspectives including: socio-cognitive, socio-cultural, psychology, and neuro-science
- How to critically engage with, collect, and use assessment data to support student development.
- How to support students as they represent their learning through diverse literacies (aural, visual, textual) across multiple disciplines.
- How to support caregivers create rich literacies and numeracies environments and experiences in out-of-school settings.

Core Courses

EDUC 5300 Foundations of Modern Educational Theory and Practice (Curriculum and Learning Theories)

Students will engage in an integrated exploration of modern educational theory and practice that situates socio-cultural, socio-cognitive, and indigenous theories of learning within historical and contemporary contexts.

EDUC 5850: Assessment Theories and Practice

Students will engage in an interdisciplinary exploration of assessment theories and practices as they develop a critical awareness of the role of assessment in shaping learning cultures.

EDUC 5400 The Nature of Educational Research (Research Literacy)

Students will explore the nature of educational inquiry as they develop the capacity to critically utilize educational research to inform decision-making in educational policy, leadership, and instructional design.

EDUC 5200 Curriculum Studies and Classroom Practice (Equity in Education)

Students will engage in an interdisciplinary exploration of how an equity lens informs educational policy and practices related to leadership, curriculum, instruction, and assessment.

Numeracies Theme

EDUC 5310 Foundations of Numeracy

Students will examine the historical foundations, development and evolution of the concept of numeracy and how it has been represented within local, national, and international contexts.

EDUC 5850 Numeracy as a Cross-Disciplinary Construct

Students will explore the construct of numeracy as it has developed and been applied in contemporary society and across multiple disciplines such as mathematics, finance, science, research, and technology.

EDUC 5500 Understanding Professional Practice and Professional Development (Engaging Mathematically)

Students will engage in the professional practice of teaching mathematics through the development, application, and reflection on effective mathematical problem-solving tasks which promote deeper mathematical understanding.

Literacies Theme

EDUC 5310 Foundations of Reading

Students will explore research on the development of reading ability in children with a focus on the reading components, the reading process, and the factors that support it. Emphasis will be given to research-based practices in the classroom teaching of reading.

EDUC 5510 Reading Interventions for Elementary Students

Students will engage in the professional practice of teaching reading through the development, application, and reflection on effective early reading intervention strategies and tasks. Students will learn how to intervene to help support the development of the reading components (phonological awareness, phonemic awareness, phonics knowledge, fluency) and provide teaching intervention strategies.

EDUC 5510 Teaching Multi-Modal, Multi-Genre Writing Across the Lifespan

Students will explore how writing ability develops across the lifespan, beginning with the acquisition of writing ability in early years to the development and application of rhetorical problem-solving skills needed to complete complex writing tasks. This will be an active and reflective experience of process writing within multiple genres and multi-modal literacies with classroom applications.

Electives

EDUC 5310 Oral Foundations of Learning

Students will explore oral language development and oral language practice in schools, applying understandings from sociocultural theory, interactional sociolinguistics, and linguistic anthropology to classroom talk and its potential for advancing learning.

EDUC 5510 Teaching Reading Through Literature

Students will explore integrating literature into reading programs with an emphasis on identifying exemplary children's and young adult literature for classroom use and pleasure reading. Use of literature as a means of developing and reinforcing reading skills will be examined.

Exit Options

EDUC 6006 Capstone (3 credits)

EDUC 6030 Project (6 credits)

EDUC 6040 Thesis (12 credits)

Notes

Will examine the possibility of breaking **Engaging Mathematically** and **Early Reading Interventions** into half courses that are taught in SSII (half course) and Fall semester (half course). Numeracy course to be offered in first or second summer, reading interventions course to be offered in second or third summer.

EDUC 5200 Curriculum Studies and Classroom Practice (Equity in Education) will be developed and taught by Annette B with a view to grounding in Blackfoot experiences/perspectives.