

### Course Sequences

The tables below provide the anticipated sequencing of courses. **Please note: changes in faculty availability and student enrollment may result in courses being cancelled or offered in an alternative semester.**

#### M.Ed. Curriculum and Instruction – Initial Certification: Elementary

SUMMER	FALL	SPRING
01.505 – Children with Disabilities in the Classroom	01.502 – Child Development and Assessment of Learning	01.502 – Child Development and Assessment of Learning
02.553 – Language Arts and Literacy	02.551 – Mathematics Methods	01.505 – Children with Disabilities in the Classroom
02.563 – Science Methods	02.562 – Social Studies Methods	02.562 – Social Studies Methods
	02.556 – Reading and Reading Disabilities	
	Prepracticum	Prepracticum
	Practicum	Practicum

#### M.Ed. Curriculum and Instruction – Initial Certification: Secondary

SUMMER	FALL	SPRING
01.501 - Diversity in the Classroom (all fields)	06.511 - Reading in the Content Area (all fields)	01.501 – Diversity in the Classroom (all fields)
01.502 – Child Development and Assessment of Learning (all fields)	02.xxx – Curriculum and Teaching: Methods (subject specific)	01.502 – Child Development and Assessment of Learning (all fields)
04.512 – History for Teachers	04.513 Colonial History	06.511 Reading in the Content Area (all fields)
06.522 – Young Adult Literature	06.625 – Teaching of Writing	
04.535 – Math for Teachers II	04.538 – Math and Inquiry for Teachers I	
04.525 – Science for Science Teachers	04.530 – Interactions and Assessment in Science	
	06.522 – Young Adult Literature (2009)	
	06.607 – Methods of Sheltered Language instruction (all fields)	Prepracticum
	Prepracticum	Practicum
	Practicum	

**M.Ed. and CAGS - Educational Administration and Curriculum and Instruction  
Online or Blended Courses (Lowell Onsite Cohort Courses are not included)**

SUMMER	FALL	SPRING
01.630 Diversity issues		01.630 Diversity issues
04.638 Curriculum Design K-12		04.638 Curriculum Design K-12
01.625 Organization of schools	04.637 History and Theory of Curriculum	04.635 Dynamics of Curric Change
	05.623 School Law	05.622 Financial Aspects of Schooling
	05.642 Principles of Supervision	07.541 Practitioner Action Research
05.643 Principalship K-12		05.643 Principalship K-12
07.642 Program Evaluation		05.638 Planning Technology and School Improvement
04.643 Skillful teacher	04.643 Skillful teacher	04.643 Skillful teacher
		04.650 Capstone online
Practicum 1 – admin	Practicum 2 admin Practicum 1 admin	Practicum 2 admin

*CAGS seminar to be scheduled*

**M.Ed.– Curriculum and Instruction – Additional Science Education Option Courses  
Online or Blended Courses**

SUMMER	FALL	SPRING
81.508 Cell Biology for Teacher	04.576 Promoting Healthy Lifestyles	
04.675 Leadership in science (OPTIONAL and occasionally offered)	81.547 Evolution in context	95.501 Energy Force and Motion
85.581 Meteorology for teachers		85.581 Meteorology for teachers
04.676 Exploring the Nature of Science (OPTIONAL and occasionally offered)		04.675 Leadership in science (OPTIONAL and occasionally offered)

**M.Ed. and CAGS – Reading and Language  
Online or Blended Courses**

SUMMER	FALL	SPRING
01.630 Diversity issues		01.630 Diversity issues
06.511 Reading in Content area	06.527 Language Acquisition	06.511 Reading in content area
06.522 Young Adult Literature	06.522 Young adult literature (for 2009)	
	06.528 Assessment of Reading and Language Disabilities	06.529 Treatment of Reading and Language Disabilities
	06.549 Theory and Research in Reading and Language	
07.642 Program Evaluation		07.541 Practitioner Action Research
	06.550 Reading Specialist: Practicum I	06.551 Literacy Coach: Practicum II

*CAGS seminar to be scheduled*

**Ed.D. Programs – core courses**

*(Electives are in italics and may also be selected from some M.Ed. Programs)*

SUMMER	FALL	SPRING
Electives and dissertation advising only	01.645 - Perspectives and Visions I	01.646 – Perspectives and Visions II
	01.636 – Sociocultural Contexts of Education	05.651 – Transformative Leadership
	01.701 – Cognitive and Information Processing Theories	04.626/7- Development of Concepts in Math/Science
	04.622 – Science, Math and the Educated Mind	04.628 - Reasoning and Problem Solving
	05.650 – Instructional Leadership and School Reform	<i>01.607 – The Adult Learner</i>
	<i>07.704 – Qualitative Research</i>	<i>05.652 – Managing Change and Conflict</i>
	06.667 – Theories of Verbal Communication	06.676 – History, Research and Contemporary Issues in

		Writing
	06.678 – History, Research and Contemporary Issues in Reading	06.675 – History, Research and Contemporary Issues in LA
	07.701 – Data Analysis	07.701 Data Analysis
	07.702 – Research Design	07.702 Research Design
	07.705 – <i>Survey Research</i>	07.660 <i>Ethnographic Research</i>
	07.706 – <i>Intermediate Data Analysis</i>	

*Research Planning, all programs, to be scheduled*

**Graduate Certificate – Teaching English as a Second Language  
12 credits**

SUMMER	FALL	SPRING
02.520 – Teaching Reading and Writing in English	06.607 – Methods of Sheltered Language Instruction	06.627 – Second Language Acquisition
		02.515 - Practicum

**Graduate Certificate – Teaching Children with Moderate Disabilities  
12 credits**

SUMMER	FALL	SPRING
01.652 - Classroom Management and Integrative Techniques	02.524 - Educational Assessment of Students with Disabilities	02.579- Practicum
01.504 - Methods of Teaching Students with Moderate Disabilities		