ELEMENTARY/SECONDARY BLIND OR VISUALLY-IMPAIRED ENDORSEMENT

Northern State University

Endorsement coursework requirements must include courses from each Strand totaling 18 or more credits

Strand 1	Four semester hour practicum
Strand 2	Introduction to teaching students who are blind
Strand 3	Introduction to classroom modifications and assistive technology for students who are blind
Strand 4	Braille
Strand 5	Introduction to orientation and mobility
Strand 6	Anatomy and function of the eye

Courses Meeting the Requirement	COURSE 495 or 795 4 Credits	COURSE 4/523 2 Credits	COURSE 4/524 2 Credits	COURSE 4/534 2 Credits	COURSE 4/536 2 Credits	COURSE 4/521 3 Credits	COURSE 4/525 3 Credit
Strand 1	X						
Strand 2		X					
Strand 3			X				
Strand 4				X	X		
Strand 5						X	
Strand 6							X

Total Required Credits through University: 18

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Course Number	Course Name	University Course Description	Method	Sessions Offered	Total Credits
SPED 4/521	Principles of Orientation and Mobility for the Classroom Teacher	This course provides teachers with experiences and skills needed to understand orientation and mobility techniques for students who have visual impairments. Through simulations and practice, teachers gain an understanding of mobility and orientation aids, appreciation for differentiated approaches for working with students who have multiple disabilities, and Knowledge of the psychological impacts of vision loss.	Face-to-Face or Online	SP	3
SPED 4/523	Foundations of Teaching Students who have Visual Impairments	This course explores the physical, social, emotional, and psychological aspects of a visual impairment and discusses how these factors influence a child's educational program. This course is available only through the Internet and includes reading assignments, discussion questions, videos, and quizzes in addition to several on-campus experiences.	Face-to-Face or Online	FA	2
SPED 4/524	Educational Methods, Materials, & Access Technology for Students who have Visual Impairments	This course introduces specialized curriculum, devices, strategies, and techniques designed to help students who are blind or visually impaired, with special focus on students who have multiple disabilities.	Face-to-Face or Online	SP	2
SPED 4/525	Educational Implications of the Anatomy and Function of the Eye	This course introduces the anatomy and physiology of the eye and surrounding area. Particular emphasis is placed on eye pathologies and their impact on how students learn. Cortical vision impairment, a leading cause of visual impairment, but not an eye pathology, will also be presented. This course includes techniques for modifying materials and environment, assessment, low vision devices, and psychological implications.	Face-to-Face or Online	FA	3
SPED 4/534	Introduction to the Literary UEB Braille Code	This course provides students an opportunity to learn the arrangement of Braille cell, the Braille alphabet, and the contractions of the UEB/EBAE Braille codes. Marks of composition and punctuation, and the rules governing the application and use of each, are included. This course emphasizes developing proficiency in reading and writing Braille with accepted writing instruments.	Face-to-Face or Online	SP	2
SPED 4/536	Introduction to the Nemeth Braille Code/Teaching Reading to the Blind and Visually Impaired	This course emphasizes teaching reading to blind and visually impaired students, including assessments, components, and strategies for teaching reading to students who are blind or visually impaired. In addition, this course introduces the Nemeth code of mathematics and scientific notation and the abacus.	Face-to-Face or Online	SU	2

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| SPED 795 or 495 | Practicum | Applied, monitored and supervised, field-based learning experience for which the student may or may not be paid. Students gain practical experience; they follow a negotiated and or directed plan of study. A higher level of supervision is provided by the instructor in these courses than is the case with field experience courses. | Face-to-Face | FA, SP, SU | 4 |

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