

CONCORDIA COLLEGE – MOORHEAD MN
Biology Education Major (9-12 teaching license)

**Completion of the following allows students to seek a license
 In Minnesota as a teacher of Science – Biology major, Grades 9-12
 Courses fulfill standards for 8710.4750**

8.0 course credits required from the following, plus 8.0 course credits to fulfill Education requirements:

Course Number	Course Name	Concordia Course Credit	Semester Hours
Required Biology Courses:			
BIOL 101 or BIOL 121	General Biology or Vertebrate Biology	1.0	4 semester hours
BIOL 122	Evolution, Ecology and Diversity	1.0	4 semester hours
BIOL 221	Ecology	1.0	4 semester hours
BIOL 222	Genetic and Molecular Biology	1.0	4 semester hours
Plus 4.0 additional courses, at least 3.0 courses from the following:			
BIOL 306	Human Anatomy and Physiology	1.0	4 semester hours
BIOL 309	Ornithology	1.0	4 semester hours
BIOL 311	Entomology and Related Arthropoda	1.0	4 semester hours
BIOL 313	Plant Taxonomy	1.0	4 semester hours
BIOL 324	Invertebrate Zoology	1.0	4 semester hours
BIOL 405	General Ecology	1.0	4 semester hours
BIOL 407	Microbiology	1.0	4 semester hours
Education Requirements:			
PSCY 212	Educational Psychology	1.0	4 semester hours
EDUC 210	Foundations in K-12 Education	.50	2 semester hours
EDUC 221	Teaching in the Middle School	.50	2 semester hours
EDUC 350	The Art and Science of Teaching	.50	2 semester hours
EDUC 351	Ecology of the Educational Setting	.50	2 semester hours
EDUC 399	Orientation to Student Teaching	0	0 semester hours
EDUC 420	Knowledge, Literacy and Inquiry	.50	2 semester hours
EDUC 425	Education of the Exceptional Child	.50	2 semester hours
EDUC 439	Human Relations	.50	2 semester hours
EDUC	Student Teaching	2.50	10 semester hours
Required Methods Courses:			
EDUC 372	Methods of Teaching in Science	1.0	4 semester hours