



Initial Secondary Endorsement Biology 5-12

Students majoring in Elementary Education are required to select at least one endorsement area in addition to the Elementary Education major requirements. Students must earn a minimum 3.0 GPA in courses required for the endorsement. No D grades are accepted. Please see the Elementary Education major sheet and/or the university catalog for additional information.

Iowa Teaching Endorsement: #151

Requirements for the Endorsement: 35 semester credits

Essential Competencies-Outcome Iterations
****Transfer courses do not receive outcome iterations****

			CI	IL	W	O	Q	GA	V
BIOL 101	General Biology I	4	x		x				
BIOL 102	General Biology II	4	x	x	x				
BIOL 209	Environmental Science	3	x					x	x
BIOL 256	Microbiology	4	x						
BIOL 360	Genetics	4					x	x	
BIOL 160 and BIOL 165 Or BIOL 315 and BIOL 335	Human Anatomy and Human Physiology Or Comparative Vertebrate Anatomy and Physiology	4 and 4 Or 4 and 4							
CHEM 111	General Chemistry I	4	x				x		
CHEM 112	General Chemistry II	4							

ANY CHANGES/SUBSTITUTIONS MUST BE APPROVED BY THE GRAND VIEW UNIVERSITY EDUCATION DEPARTMENT CHAIR.

This information must be used in conjunction with the 2018-2019 Grand View University Catalog and does not reflect a student's official record of progress. Students are expected to use the Progress tool found on myView > GV Self Service when monitoring and planning coursework. Other available resources include: Course Planning Documents (found on myView under Academics) and the faculty and staff who work with academic requirements.