



## Elementary Endorsement Mathematics K-8

Students majoring in Elementary Education must complete the prescribed pre-education requirements, the requirements for the Elementary Education major, and at least one content endorsement. The Elementary Education major includes the requirements for the Elementary Education endorsement, so this additional elementary endorsement assumes its completion.

Students must earn a minimum 3.0 GPA in courses required for the major and each endorsement. The grade of B or above must be earned in designated education major pre-admission and major courses, and students must earn a grade of C or above in all other courses required for the major pre-admission courses, major, and each endorsement. Please see the university catalog for additional information.

### Iowa Teaching Endorsement: #142

**Requirements for the Endorsement:** Methods coursework plus 25 credits in content area

#### Methods Coursework:

#### Essential Competencies-Outcome Iterations

\*\*Transfer courses do not receive outcome iterations\*\*

			CI	IL	W	O	Q	GA	V
EDUC 313	Teaching of Elementary Mathematics	3							

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			CI	IL	W	O	Q	GA	V
CPSC 155 or CPSC/BSAD 241 or CPSC 210	Programming Using Visual Basic or Computer Science I or Human-Computer Interaction	3	x	x				x	
MATH 121	College Algebra	3	x				x		
MATH 145	Mathematics for the Elementary Teacher I	3	x				x		
MATH 155	Mathematics for the Elementary Teacher II	3							
MATH 212	Applied Calculus	3					x		
MATH 245	Mathematics for the Elementary Teacher III	3							
MATH 300	Introduction to Mathematical Reasoning	3					x		
STAT 241	Principles of Statistics	4	x				x		

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

This information must be used in conjunction with the 2019-2020 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.