

Bachelor of Science: Elementary Education (Grades K-6) with Grades 5-8 Science Endorsement

Course	Title	Credits	Semester
Liberal Education Program/ Minnesota Transfer Curriculum Requirements			
COMM 110	Essentials of Speaking & Listening	3	B
ENG 151	Academic Writing	4	B
MATH 110	College Algebra <i>This course is a required Pre-Requisite to MATH 129, which is required for Elementary Education.</i>	3	B, Su
Elementary Education: Gr. K-6			
ART 270	Art Education Elementary <i>*Pre-Requisites: ED 101 & sophomore status</i>	3	B
ED 101	Introduction to Education & Lab	3	B, Su
ED 102	Technology: Classroom Applications and Portfolio Development	2	B, Su
ED 251	Introduction to Child Growth & Development	3	B
ED 401	Children's Literature <i>*Pre-Requisites: ED 101 & ED 102 & ED 251 or ED 101 & PSYC 341</i>	2	B, Su
ED 403	English Language Arts Methods & Lab <i>*Pre-Requisites: ED 101 & ED 102</i>	3	B, Su
ED 418	Kindergarten Methods & LAB <i>*Pre-Requisites: ED 101</i>	3	B
HLTH 491	Elementary School Health Education	2	B
MATH 129	Mathematics for Elementary Education <i>*Pre-Requisites: MATH 110 or 125 or 135 or 140 or 150</i>	3	B
MUS 391	Teaching Music in Elementary Schools	3	S
PE 381	Elementary School Physical Education <i>* Pre-Requisites: ED 101</i>	2	B
SOCI 331 OR ED 312	Racial & Ethnic Relations in America (meets Goal 7 of MnTC) or Human Relations for Teachers	3	B, Su
SPED 290	Introduction to Special Needs & Lab <i>*Pre-Requisite ED 101 & Sophomore Status</i>	3	B
TESL 431	Foundations of Teaching ESL & Lab	3	S
ED 402	Early Literacy and Linguistics & Lab	3	F
ED 404	Literacy Methods & Lab <i>*Pre-Requisites: ED 403</i>	3	S
ED 423	Classroom Management Theories & Practices & Lab	3	B
ED 424	Elementary Mathematics Methods & Lab	3	F
ED 425	Elementary Science Methods & Lab	3	S
ED 426	Elementary Social Studies Methods & Lab	3	F
ED 453	Assessment in Education	2	B
ED 458	Action Research	3	F
ED 459	Professional Development & Action Research	1	S
ED 459L	Pre-Student Teaching Experience	0	S
Student Teaching			
ED 464	Student Teaching: K-Grade 8 & Seminar	12	B
ED 473	Teacher Licensure	0	B
Degree & Major Requirements			
	LEP/MnTC requirements	45	
	Elementary Education major	72	
	5-8 Science endorsement	32	
	Total credits required for this degree	149	

Courses in the shaded area can be taken prior to admission to the Teacher Education Program

F = Fall; S = Spring; B = Both F & S; Su = Summer;

fo = fall odd; so = spring odd; fe = fall even; se = spring even

For example – FE = Fall 2018; SO = Spring 2019; FO = Fall 2019; SE = Spring 2020

NES Essential Academic Skills (EAS) tests required for this major: Reading/Writing/Math prior to admission to the Teacher Education Program;
MTLE tests required for this major: ELED Content test (3 subtests), Middle Level Science (gr. 5-8) Content (2 subtests), and ELED Pedagogy test (2 subtests) prior to licensure.

Science Endorsement listed on reverse.

This information is provided for advising. Official curriculum is published in the SMSU academic catalog: www.SMSU.edu/catalog/
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Grades 5-8 Science Endorsement

Course	Title	Credits	Sem.
Earth Science			
ENVS 101	Physical Geology & Lab (ENVS 101L)	4	B
ENVS 102	Historical Geology & Lab (ENVS 102L) <i>*Pre-Requisites: ENVS 100 OR ENVS 101</i>	4	S
Physical Science			
CHEM 121	Basic Chemistry & Lab (CHEM 121L)	4	F
PHYS 100 Or PHYS 121 Or PHYS 141	Our Physical Universe & Lab (PHYS 100L) Or Introduction to Astronomy & Lab (PHYS 121L) Or College Physics I & Lab (PHYS 141L)	4 4 4	Varies F F
Life Science			
BIOL 200	Intro to Cellular Biology & Lab (BIOL 200L)	4	B
BIOL 201	Intro to Biodiversity & Evolution & Lab (BIOL 201L)	4	B
Environmental Science			
ENVS 180	Environmental Science: Introduction & Lab (ENVS 180L)	4	B
Grades 5-8 Science Methods			
ED 413	Middle Level Methods: Science	2	S
ED 430	Reading in the Content Areas	2	S

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