

ELEMENTARY EDUCATION

A degree in elementary education at Iowa State prepares you to teach all subjects at the elementary school level (grades K-6). Program completers can be recommended for licensure to the Iowa Board of Education Examiners.

In addition to pursuing a degree in Elementary Education, candidates are required to pursue an endorsement in at least one additional area. Candidates will be prepared to teach students in grades kindergarten through eighth grade in this area of specialization. Endorsements in the following areas are available for elementary education majors:

- K-8 English/Language Arts & Reading
- K-12 English as a Second Language (ESL)
- K-8 Health
- K-8 Mathematics
- K-8 Science
- K-8 Social studies
- K-8 Special education (Instructional Strategist I: Mild/Moderate Disabilities K-8)

In addition, candidates can choose to pursue endorsements in K-8 Reading, K-12 Coaching, and 5-8 Algebra for HS Credit.

Additional information about endorsements can be found at: <https://www.education.iastate.edu/find-majors/elementary-education/>

Student Learning Outcomes

Upon graduation, students should be able to:

The Learner and Learning

Standard #1: Learner Development.

Understand how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.

Standard #2: Learning Differences.

Use understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

Standard #3: Learning Environments.

Work with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.

Content

Standard #4: Content Knowledge.

Understand the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.

Standard #5: Application of Content.

Understand how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.

Instructional Practices

Standard #6: Assessment.

Understand and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.

Standard #7: Planning for Instruction.

Plan instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

Standard #8: Instructional Strategies.

Understand and use a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.

Standard #8A: Technology.

Integrate current and emerging technology in instruction to encourage student creativity, problem solving, collaboration, and digital literacy.

Teachers practice and advocate safe, legal, and responsible use of information and technology.

Professional Responsibility

Standard #9: Professional Learning and Ethical Practice.

Engage in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.

Standard #10: Leadership and Collaboration.

Seek appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

Curriculum in Elementary Education

Educator Preparation Program Admission Requirements

In addition to being admitted to Iowa State University and departmental programs/majors, educator preparation candidates must be admitted to the Educator Preparation Program prior to beginning advanced coursework.

Educator Preparation Program Admission Requirements are provided in Educator Preparation Policy.

- Decision Point 1 - Admission to the Educator Preparation Program (<https://iastate.box.com/s/n8eeews3fznazf8alerv0qbf216fno7e/>)
- Decision Point 1 - Early Admission to the Educator Preparation Program for Transfer Students (<https://iastate.box.com/s/r3ap8wej7m3bmd0cehixe12epxtekxax/>)

Degree Requirements

120 total credits minimum required

Communications and Library: 10 credits

ENGL 150	Critical Thinking and Communication **	3
ENGL 250	Written, Oral, Visual, and Electronic Composition **	3
LIB 160	Introduction to College Level Research	1
	Communication course from approved Elementary Education list *	3
Total Credits		10

*Must receive a "C-" or above

**Must receive a "C" or above

Social Sciences: 9 credits

PSYCH or SOC	Option from approved Elementary Education list *	3
	Social Sciences course from approved Elementary Education list *	3
	Social Sciences course from approved Elementary Education list *	3
Total Credits		9

*Must receive a "C-" or above

Humanities: 6 credits

HIST 221	Survey of United States History I *	3
	or HIST 222 Survey of United States History II	
	Humanities courses from approved Elementary Education list *	3

*Must receive a "C-" or above

Mathematics: 9 credits

MATH 195	Mathematics for Elementary Education I *	3
MATH 196	Mathematics for Elementary Education II *	3

Math Option from approved Elementary Education list *	3
Total Credits	9

*Must receive a "C-" or above

Biological Sciences, Physical Sciences, Earth/Space Sciences: 9 credits

Biological Sciences course from approved Elementary Education list *	3
Physical Sciences course from approved Elementary Education list *	3
Earth/Space Sciences course from approved Elementary Education list *	3
Total Credits	9

*Must receive a "C-" or above

Orientation and Initial Field Experience: 2 credits

EDUC 216	Learning Community Orientation to Teacher Education	1
	or EDUC 315 Transfer Orientation	
EDUC 280N	Pre-Student Teaching Experience I: Elementary Education	1
	or EDUC 280T Pre-Student Teaching Experience I: Tutoring	
Total Credits		2

Professional Education Core: 21 credits

EDUC 201	Educational Technologies in the PK-6 Classroom **	3
EDUC 205	Social Foundations of Education in the United States: Early Childhood and Elementary Education **	3
SP ED 250	Education of the Exceptional Learner **	3
EDUC 245	Landscape of Teaching **	3
HD FS 102	Human Development **	3
	or PSYCH 230 Developmental Psychology	
EDUC 332	Educational Psychology of Early Childhood and Elementary Education **	3
HD FS 240	Literature for Children **	3
Total Credits		21

**Must receive a "C" or above

Block I: Literacy and Mathematics Methods and Social Justice Education: 12 Credits

EDUC 377	Teaching Literacy in the Primary Grades **	4
EDUC 405	Social Justice Education and Teaching: Early Childhood and Elementary **	3
EDUC 448	Teaching Children Mathematics **	3

EDUC 468A	Pre-Student Teaching Experience III: Primary Grades, Reading and Language Arts	1
EDUC 468C	Pre-Student Teaching Experience III: Primary Grades, Mathematics	1
Total Credits		12

**Must receive a "C" or above

Block II: Literacy, Science, and Social Studies Methods: 12 credits

EDUC 378	Teaching Literacy in the Intermediate Grades **	4
EDUC 443	The Teaching of Social Studies **	3
EDUC 449	The Teaching of Science **	3
EDUC 468B	Pre-Student Teaching Experience III: Intermediate Grades, Reading and Language Arts	1
EDUC 468D	Pre-Student Teaching Experience III: Intermediate Grades, Science	1
Total Credits		12

**Must receive a "C" or above

Related Methods: 7 credits

KIN 284	Elementary and Pre-school Movement Education **	3
	or H S 275 Health Education in the Elementary School	
MUSIC 265	Music in Elementary Education **	2
ARTED 209	Methods of Teaching in and Through Art **	2
Total Credits		7

**Must receive a "C" or above

Primary Endorsement Area: Credits Vary

Minimum grade of a "C" required for all EDUC, HD FS, and SP ED courses and all content-specific pedagogy/methods courses. Minimum grade of "C-" required for all other courses in endorsement areas.

Primary Endorsement Options:

- K-8 English/Language Arts & Reading
- K-12 English as a Second Language (ESL)
- K-8 Health
- K-8 Mathematics
- K-8 Science
- K-8 Social studies
- K-8 Special education (Instructional Strategist I: Mild/Moderate Disabilities K-8).

Additional information about endorsements can be found at <https://www.education.iastate.edu/find-majors/elementary-education/>

Student Teaching: 16 credits

EDUC 416A	Supervised Student Teaching - Elementary: Primary grades (K-3) **	8
EDUC 416B	Supervised Student Teaching - Elementary: Intermediate grades (3-6) **	8
Total Credits		16

**Must receive a "C" or above

Total Credits: 122 minimum credits (credits will vary depending on endorsement option)

U.S. Diversity and International Perspectives Requirements: Students in elementary education fulfill the U.S. Diversity and International Perspectives requirements by choosing three credits of coursework from university-approved Humanities or Social Sciences courses included on the Elementary Education approved options sheet.

Additional Endorsement

Candidates can pursue any of the primary endorsement areas listed above and in the following areas:

- K-8 Reading
- K-12 Coaching
- 5-8 Algebra for HS Credit

Information about these endorsements can be found at: <https://iastate.app.box.com/s/m4tr3ogr9ouwmibz5dhv9catryr2jqf> (<https://iastate.app.box.com/s/m4tr3ogr9ouwmibz5dhv9catryr2jqf/>)

Contact an Elementary Education academic advisor for additional information.

Educator Preparation Program Completion Requirements:

In order to be recommended for licensure, candidates must have completed all degree program requirements and be considered an Educator Preparation Program Completer. Access the policy: Decision Point 3 - Recommendation for Licensure (<https://iastate.box.com/s/tvfae96b3b1y87wbyfna2oonhmfoba7g/>)

Elementary Education, B.S.

First Year			
Fall	Credits	Spring	Credits
EDUC 205	3	EDUC 280N	1
EDUC 216	1	SP ED 250	3
PSYCH 230 or HD FS 102	3	MATH 195	3
ENGL 150	3	HIST 221 or 222	3
LIB 160	1	Science Option 1	3

Social Science Option	3 PSYCH or SOC Option	3
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	14	16

Second Year

Fall	Credits Spring	Credits
EDUC 201	3 EDUC 245	3
HD FS 240	3 EDUC 332	3
ENGL 250	3 Biological Science Option 3	3
MATH 196	3 Math Option	3
Science Option 2	3 Endorsement Area	3
Apply/Accepted to Educator Preparation Program		
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	15	15

Third Year

Fall	Credits Spring	Credits
Block I	Block II	
EDUC 377	4 EDUC 378	4
EDUC 405	3 EDUC 443	3
EDUC 448	3 EDUC 449	3
EDUC 468A	1 EDUC 468B	1
EDUC 468C	1 EDUC 468D	1
Social Science Option	3 Endorsement Area	3
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	15	15

Fourth Year

Fall	Credits Spring	Credits
ARTED 209	2 Student Teaching:	
KIN 284 or H S 275	3 EDUC 416A	8
MUSIC 265	2 EDUC 416B	8
Communications Option	3	
Humanities Option/ Endorsement Area	6	
Apply for Graduation		
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	16	16

Total Credits: 122 and above

It is our expectation that students know the requirements of their academic program and develop and follow an academic plan based on their academic catalog and degree audit using their individual academic advisor as a resource in this process.