

EARLY CHILDHOOD EDUCATION - UNIFIED

Administered by the Department of Human Development and Family Studies and the School of Education. Leading to the degree bachelor of science.

The curriculum in early childhood education – unified (ECE) prepares graduates to teach young children and work with their families. This curriculum has been approved by the Iowa Department of Education and meets requirements for candidates to seek a teaching endorsement in PK-3, Inclusive Settings, which permits individuals to teach general and special education for children from birth through third grade. Graduates may be employed by either public or private agencies or schools to teach in early childhood classrooms (preschool through third grade) or in home-based programs.

Students who enroll in the early childhood education – unified program must apply to and be accepted into the teacher education program prior to enrolling in advanced courses.

Additional information is also available from the student's academic advisor.

Students in early childhood education – unified must meet the performance outcome standards for teacher licensure. Standards are assessed in coursework through artifacts such as assignments, projects, or practicum participation. These standards assessments are based on the early childhood content standards for endorsements 1001 and 262 in the State of Iowa. These include competencies in (1) promoting child development, learning and individual learning differences, (2) building family and community relationships, (3) observing, documenting, and assessing to support young children and families, (4) using developmentally and individually effective approaches to connect with children and families, (5) using content knowledge to build a meaningful curriculum, (6) professional responsibilities, and (7) early childhood field experiences. Pre-student teaching field experiences in at least three settings, and student teaching experiences in at least two different settings is required.

Student Learning Outcomes

Graduates of the Early Childhood Education program will meet the following learning objectives, as defined by the InTASC standards for teacher preparation.

Standard 1: Learner Development

The student understands 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

The student uses 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

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

Standard 4: Content Knowledge

The student understands 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

The student understands 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.

Standard 6: Assessment

The student understands and uses 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

The student plans 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

The student understands and uses 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

The student integrates 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.

Standard 9: Professional Learning and Ethical Practice

The student engages 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

The student seeks 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 Early Childhood Education – Unified Degree Requirements

121 total credits required

Professional Education core: 15 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
EDUC 332	Educational Psychology of Early Childhood and Elementary Education **	3
EDUC 405	Social Justice Education and Teaching: Early Childhood and Elementary	3
SP ED 250	Education of the Exceptional Learner **	3
Total Credits		15

**Must receive a "C" or above

Preprimary Inclusive: 24 credits

HD FS 240	Literature for Children **	3
HD FS 340	Assessment and Curriculum: Ages Birth through 2 Years **	4
HD FS 342	Social and Emotional Development and Child-centered Guidance in Early Childhood **	3
HD FS 343	Assessment and Curriculum: Ages 3 through 6 Years **	4
HD FS 345	Inclusive Teaching and Interaction Strategies **	3
HD FS 455	Curriculum and Interventions: Ages 3 through 6 Years **	4
HD FS 456	Working with Families in Early Intervention **	3
Total Credits		24

**Must receive a "C" or above

Primary Inclusive: 21 credits

EDUC 245	Landscape of Teaching **	3
EDUC 377	Teaching Literacy in the Primary Grades **	4
EDUC 433	Teaching Social Studies in the Primary Grades **	2
EDUC 438	Teaching Mathematics in the Primary Grades **	2
EDUC 439	Teaching Science in the Primary Grades **	2
EDUC 468F	Pre-Student Teaching Experience III: Primary Grades Inclusive, Literacy **	1

EDUC 468G	Pre-Student Teaching Experience III: Primary Grades Inclusive, Mathematics **	1
EDUC 468I	Pre-Student Teaching Experience III: Primary Grades Inclusive, Science **	1
SP ED 405	Assessment and Instructional Methods in Inclusive Primary Settings (K-3) **	4
SP ED 458	Pre-Student Teaching Experience III: Mild/Moderate Disabilities in Primary Grades (K-3) **	1
Total Credits		21

**Must receive a "C" or above

Student Teaching **: 16.5 credits

EDUC 416A	Supervised Student Teaching - Elementary: Primary grades (K-3)	8
HD FS 417C	Supervised Student Teaching: Early Childhood Special Education Programs.	8
HD FS 418A	Professional Practice Reflection/Discussion: Teaching	.5
Total Credits		16.5

**Must receive a "C" or above

Orientation: 2 credits

HD FS 110	Freshman Learning Community Orientation	1
or HD FS 111	New Transfer Student Seminar	
HD FS 208	Early Childhood Education Teacher Orientation	1
Total Credits		2

Human Development and Family Studies: 3 credits

HD FS 224	Development in Young Children: Birth through Age 8 **	3
Total Credits		3

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 general education options list	3
Total Credits		10

**Must receive a "C" or above

Biological Sciences, Physical Sciences, Mathematics and Health: 14 credits

MATH 195	Mathematics for Elementary Education I *	3
MATH 196	Mathematics for Elementary Education II *	3
H S 105	First Aid and Emergency Care	2

Biological Sciences course from approved general education options list	3
Physical Sciences course from approved general education options list	3
Total Credits	14

*Must receive a "C-" or above

Social Sciences: 9 credits

HD FS 102 Human Development	3
One of the following:	3
HIST 221 Survey of United States History I	
HIST 222 Survey of United States History II	
POL S 111 Introduction to American Government	
Social Sciences course from approved ECE list	3
Total Credits	9

Humanities: 6 credits

Humanities courses from approved ECE list	6
Total Credits	6

Electives: .5 - 1.5 credits to equal 121 total credits

Total Credits: 121

U.S. Diversity and International Perspectives Requirement: Students in early childhood education – unified fulfill the U.S. Diversity and International Perspectives Requirements by choosing three credits of coursework from university-approved Humanities or Social Sciences included on the approved general education options list.

The courses listed in this section are approved general education course options for this major.

Communication Skills: 3 credits

COMST 210 Communication and U.S. Diversity	3
COMST 211 Interpersonal Communication	3
COMST 214 Professional Communication	3
COMST 218 Conflict Management	3
SP CM 212 Fundamentals of Public Speaking	3

Natural Sciences and Mathematics: 6 credits. Coursework designed to facilitate students' understanding of the structure and behavior of the natural world, appreciate mathematics as a valuable tool of the sciences, and an intrinsically important way of thinking.

Biological Sciences: 3 credits

ANTHR 202 Human Origins	3
BIOL 101 Introductory Biology	3
BIOL 155 Human Biology	3
BIOL 173 Environmental Biology	3
BIOL 211 Principles of Biology I	3
BIOL 255 Fundamentals of Human Anatomy	3

Physical Sciences: 3 credits

ASTRO 120 The Sky and the Solar System	3
ASTRO 150 Stars, Galaxies, and Cosmology	3
CHEM 160 Chemistry in Modern Society	3
CHEM 163 College Chemistry ((4 credits))	4
GEOL 100 How the Earth Works	3
GEOL 101 Environmental Geology: Earth in Crisis	3
MTEOR 206 Introduction to Weather and Climate	3
PHYS 101 Physics for the Nonscientist	3
PHYS 102L Physical Sciences for Elementary Education	3

Social Sciences: 9 credits. Coursework designed to help students develop an understanding of the principal methods of studying human behavior and an understanding of the structure and functioning of institutions.

AESHM 421 Developing Global Leadership: Maximizing Human Potential	3
AF AM 330 Ethnic and Race Relations	3
A M D 165 Dress, Appearance, and Diversity in U.S. Society	3
A M D 362 Cultural Perspectives of Global Dress	3
A M D 467 Consumer Studies in Apparel and Fashion Products	3
AM IN 310 Contemporary Topics in American Indian Studies	3
AM IN 315 Archaeology of North America	3
AM IN 322 Peoples and Cultures of Native North America	3
Anthropology (ANTHR) - except 202	
Economics (ECON)	
FS HN 342 World Food Issues: Past and Present	3
HD FS 239 Consumer Issues	3
HD FS 249 Parenting and Family Diversity Issues	3
HD FS 276 Human Sexuality	3
HD FS 360 Housing and Services for Families and Children	3
HD FS 367 Abuse and Illness in Families	3
HD FS 377 Aging and the Family	3
HD FS 395 Children, Families, and Public Policy	3
INTST 235 Introduction to International Studies	3
LING 219 Introduction to Linguistics	3

LING 471	Language and Reading Development in Children	3
Political Science (POL S)		
Psychology (PSYCH) - except 131, 332/333		
Sociology (SOC), including Criminal Justice (C J)		
WGS 201	Introduction to Women's and Gender Studies	3
WGS 203	Introduction to Lesbian Communities	3
WGS 301	International Perspectives on Women and Gender	3
WGS 320	Ecofeminism	3
WGS 327	Gender and Sexualities in Society	3
WGS 328	Sociology of Masculinities and Manhood	3
WGS 346	Psychology of Women	3
WGS 350	Women of Color in the U.S	3
WGS 385	Women in Politics	3

Humanities: 6 credits. Coursework designed to assist students to develop an understanding of human cultural heritage and history, and an appreciation of reasoning and the aesthetic value of human creativity.

AESHM 342	Aesthetics of Consumer Experience	3
AF AM 201	Introduction to African American Studies	3
AF AM 334	Africana Religions	3
AF AM 347	Studies in African American Literature	3
AF AM 353	History of African Americans I	3
AF AM 354	History of African Americans II	3
A M D 257	Museum Studies	3
A M D 354	Euro-American Dress History: Prehistoric to Mid-19th Century	3
A M D 356	Euro-American Dress History: Mid-19th Century to the Present	3
AM IN 210	Introduction to American Indian Studies	3
AM IN 240	Introduction to American Indian Literature	3
AM IN 346	American Indian Literature	3
ANTHR 230	Globalization and the Human Condition	3
ANTHR 340	Magic, Witchcraft, and Religion	3
ARCH 221	Histories and Theories of Architecture to 1750	3
ARCH 420	Topics in American Architecture	3
Art History (ART H)		
Classical Studies (CL ST)		
DANCE 270	Dance Appreciation	3
DANCE 360	History and Philosophy of Dance	3
History (HIST) except 221 or 222		
HSP M 260	Global Tourism Management	3
Literature (ENGL) except 205		
MUSIC 102	Introduction to Music Listening	3

MUSIC 302	Masterpieces of Music and Art in Western Culture.	3
MUSIC 304	History of American Rock 'n' Roll	3
MUSIC 383	History of Music I	3
MUSIC 384	History of Music II	3
Philosophy (PHIL)		
Religious Studies (RELIG)		
THTRE 106	Introduction to the Performing Arts	3
THTRE 110	Theatre and Society	3
THTRE 465	Theatre History: Ancient to 19th Century	3
THTRE 466	Theatre History: 19th Century to Present	3
US LS 211	Introduction to U.S. Latino/a Studies	3
WGS 201	Introduction to Women's and Gender Studies	3
WGS 336	Religion, Sex and Gender	3
WGS 338	Feminist Philosophy	3
WGS 345	Women and Literature: Selected Topics	3
WGS 370	Studies in English Translation	3
WGS 374	Sex, Gender, and Culture in the Ancient Mediterranean World	3
WGS 386	History of Women in America	3

World Languages and Cultures (ARABC, CHIN, FRNCH, GER, GREEK, RUS, SPAN)

Early Childhood Education - Unified, B.S. (<http://catalog.iastate.edu/previouscatalogs/2023-2024/collegeofhumansciences/humandevelopmentandfamilystudies/>)

Freshman

Fall	Credits Spring	Credits
HD FS 102	3 HD FS 208	1
HD FS 110 or 111	1 Humanities Option*	3
LIB 160	1 HIST 221 or 222	3
EDUC 205	3 MATH 195	3
ENGL 150	3 SP ED 250	3
Humanities Option*	3 Social Sciences Option*	3
PSYCH 131 (recommended elective)	1	

15

16

Sophomore

Fall	Credits Spring	Credits
MATH 196	3 EDUC 245	3
ENGL 250	3 EDUC 332	3
EDUC 201	3 HD FS 224	3
Physical Sciences Option*	3 Biological Sciences Option*	3
HD FS 240	3 Communication Option*	3

Apply to Educator
Preparation program

			15	15
Junior				
Fall		Credits Spring		Credits
EDUC 377 ^B		4 EDUC 433 ^B		2
EDUC 438 ^B		2 EDUC 439 ^B		2
EDUC 468F ^B		1 EDUC 468I ^B		1
EDUC 468G ^B		1 SP ED 405 ^B		4
HD FS 340		4 SP ED 458 ^B		1
HD FS 345		3 HD FS 342		3
Finalize Degree Audit		HD FS 343		4
			15	17
Senior				
Fall		Credits Spring		Credits
HD FS 455		4 EDUC 416A ^B		8
HD FS 456		3 HD FS 417C ^B		8
EDUC 405		3 HD FS 418A		.5
H S 105		2		
Electives, if needed to equal	.5-3			
121 total credits				
Take Praxis II prior to				
Licensing				
Apply to graduate				
Apply to student teaching				
			12.5-15	16.5

This sheet provides a guide to the sequence of HD FS and EDUC courses; courses adhere to a prescribed sequence of semesters. Your academic advisor will help you develop an individual long range plan.

B Block of courses listed together in the semester must be taken concurrently as sequenced

* See approved general education options list of courses for courses in Biological Sciences, Humanities, Physical Sciences and Social Sciences

ISU requires a 3 credit U.S. Diversity course (satisfied by HD FS 240) and a 3 credit international perspective course (usually met through a University approved humanities or social science options from the approved general education options list).