

CHILDHOOD SPECIAL EDUCATION (Grades One Through Six)

* **Language Other than English (LOTE):** Childhood Special Education majors are required to complete 6 credit hours of the same language for certification.

** **Childhood Special Education majors are required to select a concentration in one of the following areas: Biology; English Literature; Mathematics; and Social Studies.**

EDU 1010	Foundations of Education	3.0
PSY 1010	Introductory Psychology	3.0
PED 1162	Physical Education for the Classroom Teacher	1.5
MAT 2005	Mathematics for Elementary Teachers I: Number Systems	3.0
MAT 2006	Mathematics for Elementary Teachers II: Geometry and Measurement	3.0
PSY 2060	Child and Adolescent Psychology	3.0
EDU 2020	Teaching Students with Disabilities in the Inclusive Classroom	3.0
EDU 2621	Practicum for Teaching Students with Disabilities in the Inclusive Classroom	1.0
EDU 2222	Creating Inclusive Learning Environments	3.0
EDU 3331	Curriculum Instruction and Assessment in Childhood Education: Social Studies and The Arts	3.0
EDU 3631	Practicum for Curriculum Instruction and Assessment in Childhood Education: Social Studies and The Arts	3.0
EDU 3345	Literacy Acquisition and Development for Preschool and Elementary Students	3.0
EDU 3645	Practicum for Literacy Acquisition and Development for Preschool and Elementary Students	1.0
EDU 3351	Assessing Students with Disabilities: Childhood Special Education	3.0
EDU 3365	Teaching Literacy in the Elementary Schools	3.0
EDU 4420 S	Student Teaching and Seminar: Childhood Special Education	15.0

CHILDHOOD SPECIAL EDUCATION CONCENTRATIONS BIOLOGY

Required Areas/Courses

BIO 1020	General Biology I	3.0
BIO 1020L	General Biology I Lab	1.0

BIO 1022	General Biology II	3.0
BIO 1022L	General Biology II Lab	1.0
BIO 1070	Human Biology	3.0
BIO 2050	General Botany	4.0
BIO 3120	Ecology	3.0
BIO 3120L	Ecology Lab	1.0
BIO 4605	Evolution	3.0
CHE 1010	Introductory Chemistry	4.0

ENGLISH LITERATURE

Required Areas/Courses

Introductory English Elective (any 1000 level course) 3.0

Choose 1 course:

ENG 2010	The Craft of Writing Fiction	3.0
ENG 2015	The Craft of Writing Poetry	3.0
ENG 2025	The Craft of Writing Nonfiction	3.0

Choose 1 course:

ENG 2042	American Literature: Beginning to Civil War	3.0
ENG 2043	American Literature: Civil War to 1945	3.0
ENG 2044	American Literature: 1945 to Present	3.0
ENG 4590	Senior Seminar: The Literary Canon	3.0

MATHEMATICS

Required Areas/Courses

MAT 1090	Pre-calculus and Lab	4.0
MAT 2010	Calculus I and Lab	4.0
MAT 2090	Statistical Methods	4.0
MAT 2100	Discrete Mathematics	4.0
MAT 3260	Introduction to Classical and Modern Geometry	3.0

Electives:

One course from each of the following three categories:

Mathematical History:

MAT 2003	Mathematical History: Ancient to Medieval	3.0
MAT 1999	Non-European Roots of Mathematics	
MAT 2009	Mathematical History: Renaissance to Modern	
MAT 2999	Global Connections in Mathematics	

Discrete Models

MAT 3005	Graph Theory and Discrete Models	3.0
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MAT 3650	Introduction to Combinatorics	
Continuous Models		4.0
MAT 2020	Calculus II and Lab	
MAT 3050	Linear Algebra	
Total credits required to complete Mathematics concentration:		32.0

SOCIAL STUDIES

Required Areas/Courses

** Must take one 3000 level WRT course.*

Choose 9.0 United States History credits:

HIS 1400	U.S. History I Through 1877	3.0
HIS 1401	U.S. History I Through 1865 to Present	3.0
3000 level	American History Course*	3.0

Choose 6.0 European History credits:

HIS 1500	European History I	3.0
OR		
HIS 1501	European History II	3.0
3000 level	European History Course*	3.0

Choose 6.0 Non-European History credits:

HIS 1600	Asian History I	3.0
OR		
HIS 1601	Asian History II	3.0
3000 level	Non-Western History Course*	3.0

Choose 9.0 Social Sciences credits:

PSC 1040	American Government and Politics	3.0
SOC/SSC 1492	Introduction to Geography	3.0

Choose 1 course:

ANT 2020	Peoples & Cultures of Africa	3.0
ANT 2170	Ancient Mesoamerica	3.0
ANT 2185	Peoples of Latin America	3.0

CHILDHOOD SPECIAL EDUCATION ELECTIVES

BIOLOGY TRACK ELECTIVES

Choose 2 of the following courses, including one at the 3000 level (selection of a field course as one of the electives is strongly recommended (8.00-10.00 credits):

BIO 1110	Microbiology	3.0
BIO 1110L	Microbiology Lab	1.0
BIO 1909	Field Botony	6.0
BIO 3010	Invertebrate Zoology	4.0
NSC 1902	Marine and Island Ecology	6.0

ENGLISH LITERATURE TRACK ELECTIVES

Additional 15.0 credits ENG Electives at 2000 level or above, including 9.0 credits at or above the 3000 level

MATHEMATICS TRACK ELECTIVES

Choose 1 pair of the following elective courses:

BIO 1020	General Biology I	3.0
BIO 1020L	General Biology I Lab	1.0
AND		
BIO 1022	General Biology II	3.0
BIO 1022L	General Biology II Lab	1.0

OR

PHY 2200	Principles of Physics I	3.0
PHY 2150L	Principles of Physics I Lab	1.0
AND		
PHY 2210	Principles of Physics II	3.0
PHY 2160L	Principles of Physics II Lab	1.0

OR

CHE 1010	Introductory Chemistry	4.0
CHE 1010L	Introductory Chemistry Lab	4.0
AND		
PHY 1030	The World of Physics	4.0

Choose 1 course:

ECO 2010	Principles of Microeconomics	3.0
ECO 2020	Principles of Macroeconomics	3.0