MAJOR REQUIREMENTS/INTERDISCIPLINARY: 45 Credits EN-226: Literary Studies for English Majors 'OR' EN-229: Non-European Literature in English EN-239: Non-European Literature in English EN-342: Children's and Young Adult Literature 3.0 EN-470: Theory and Practice of Writing 3.0 MA-205: Number Systems 3.0 MA-206: Algebraic Thinking, Probability 3.0 MA-206: Algebraic Thinking, Probability 3.0 MA-207: Elementary Geometry 3.0 MA-207: Elementary Geometry 3.0 MA-305: Mathematical Problem Solving 3.0 BY-113: Introduction to Structure & Function of Living Systems 3.0 BY-114: Unity and Diversity of Life 3.0 BY-202: Human Biology and Health 3.0 BE-200: Economics for Social Science 3.0 HS-202: United State History I 3.0 HS-202: United State History I 3.0 HS-202: United State History I 3.0 GO-101: Western Civ. in World Perspective I(b) GO-101: Physics in Our Lives 3.0 PH-101: Physics in Our Lives 3.0 PH-101: Physics in Our Lives 3.0 CE-101: Chemistry in Our Lives 3.0 CE-101: Chemistry in Our Lives 3.0 MA-105: Math Modeling in Social Science 3.0 MA-105: Math Modeling in Social Sciences 3.0 MA-105: Intended and sciences 3.0 MA-105: Math Modeling in Social Sciences 3.0 MA-105: Intended and scien	Bachelor of Arts in Interdisciplinary Studies for Elementary Educators						
POR* EN-229: Non-European Literature in English EN-342: Children's and Young Adult Literature EN-229: Non-European Literature in English EN-342: Children's and Young Adult Literature EN-470: Theory and Practice of Writing 3.0 MA-205: Number Systems 3.0 MA-206: Algebraic Thinking, Probability & Statistics MA-207: Elementary Geometry 3.0 MA-305: Mathematical Problem Solving BY-113: Introduction to Structure & Function of Living Systems BY-114: Unity and Diversity of Life BY-202: Human Biology and Health 3.0 BY-202: Human Biology and Health 3.0 BE-200: Economics for Social Science HS-102: Western Civ. in World Perspective II(p) 3.0 HS-201: United States History I 3.0 GO-101: Principles of Human Geography (d) PS-202: United State History II 3.0 GO-101: Principles of Human Geography (d) PS-203: International Relations (d) PS-203: International Relations (d) PS-204: International Relations (d) PS-205: There-Calculus Modeling for the Biol Sci MA-115: Pre-Calculus Mathematics MA-105: Math Modeling for the Biol Sci MA-115: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-115: Pre-Calculus Modeling for the Bi	MAJOR REQUIREMENTS/INTERDISCIPLINARY: 4	5 Credits	MAJOR REQUIREMENTS/EDUCATION: 36 Cred	its (a)			
EN-342: Children's and Young Adult Literature EN-470: Theory and Practice of Writing 3.0 MA-206: Number Systems 3.0 MA-206: Algebraic Thinking, Probability & Statistics MA-207: Elementary Geometry 3.0 MA-307: Elementary Geometry 3.0 MA-308: Mathematical Problem Solving 3.0 BY-113: Introduction to Structure & Function of Living Systems BY-114: Unity and Diversity of Life 3.0 BY-202: Human Biology and Health 3.0 BE-200: Economics for Social Science HS-102: Western Civ. in World Perspective II(p) 1S-410: Integrative Seminar for Elementary Ed. AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I(p) SP-361: American National Government 3.0 CE-101: Chemistry in Our Lives 3.0 Take 3-4 Credits from the Following Courses: MA-105: Math Modeling In Social Science MA-105: Math Modeling In Social Science MA-105: Pre-Calculus Modeling for the Biol Sci MA-116: Clinicus for the Biological Science MA-105: Intro to Mathematics MA-15: Pre-Calculus Indehmatics MA-16: Cinic to Mathematics MA-15: Pre-Calculus Indehmatics MA-15: Pre-Calculus Indehmatics MA-15: Pre-Calculus Indehmatics MA-16: Cinic to Mathematics MA-17: Pre-Calculus Indehmatics MA-18: Pre-		3.0	EDL-201: Educational Psychology	3.0			
EN-342: Children's and Young Adult Literature EN-470: Theory and Practice of Writing MA-205: Number Systems MA-206: Algebraic Thinking, Probability & Statistics MA-207: Elementary Geometry MA-305: Mathematical Problem Solving BY-113: Introduction to Structure & Function of Living Systems BY-114: Unity and Diversity of Life BY-202: Human Biology and Health BE-200: Economics for Social Science MS-207: United State History I S-410: Integrative Seminar for Elementary Ed. DTHER MAJOR REQUIREMENTS: 24-25 Credits AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I(t) PS-210: Thermal Relations (d) PS-103: American National Government PS-281: International Relations (d) PS-103: American National Government PS-281: International Relations (d) PS-101: Chemistry in Our Lives CE-101: Chemistry in Our Lives MA-105: Math Modeling in Social Science MA-105: Math Modeling in Social Science MA-105: Intro to Mathematics MA-116: Calculus for the Biological Science MA-105: Intro to Mathematical Reasoning MA-106: Intro to Mathematical Reasoning MA-106: Intro to Mathematical Reasoning	EN-229: Non-European Literature in English		EDL-206: Child and Adolescent Development	3.0			
MA-205: Number Systems MA-206: Algebraic Thinking, Probability & Statistics MA-207: Elementary Geometry 3.0 MA-305: Mathematical Problem Solving BY-113: Introduction to Structure & Function of Living Systems BY-114: Unity and Diversity of Life BY-202: Human Biology and Health BE-200: Economics for Social Science HS-102: Western Civ. in World Perspective II _(fb) HS-201: United State History II IS-410: Integrative Seminar for Elementary Ed. DTHER MAJOR REQUIREMENTS: 24-25 Credits AN-103: Cultural Anthropology HS-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d)	EN-342: Children's and Young Adult Literature	3.0					
MA-206: Algebraic Thinking, Probability & Statistics MA-207: Elementary Geometry MA-305: Mathematical Problem Solving BY-113: Introduction to Structure & Function of Living Systems BY-114: Unity and Diversity of Life BY-202: Human Biology and Health BE-200: Economics for Social Science HS-102: Western Civ. in World Perspective II(p) HS-201: United State History I IS-410: Integrative Seminar for Elementary Ed. DTHER MAJOR REQUIREMENTS: 24-25 Credits AN-103: Cultural Anthropology HS-103: American National Government PS-281: International Relations (d) PS-103: American National Government PS-281: International Relations (d) PS-103: American National Government PS-281: International Relations (d) PS-203: Teaching Students with Diverse Needs 3.0 ED-320: Teaching Students with Diverse Needs 3.0 ED-360: Methods of Teaching/Science 3.0 ED-361: Methods of Teaching/Science 3.0 ED-361: Methods of Teaching Elementary 3.0 ED-362: Teaching Elementary Social Studies 3.0 ED-362: Teaching Elementary Social Studies 3.0 ED-362: Teaching Elementary Social Studies 3.0 ED-362: Teaching Elementary 3.0 ED-361: Methods of Teaching/Science 3.0 ED-361: Methods of Teaching/Science 3.0 ED-361: Methods of Teaching Elementary 3.0 ED-362: Teaching Elementary 3.0 ED-361: Methods of Teaching Ele	EN-470: Theory and Practice of Writing	3.0	ED-250: Foundations of Teaching and Learning	3.0			
MA-206: Algebraic Thinking, Probability & Statistics MA-207: Elementary Geometry 3.0 MA-305: Mathematical Problem Solving BY-113: Introduction to Structure & Function of Living Systems BY-114: Unity and Diversity of Life BY-202: Human Biology and Health 3.0 BE-200: Economics for Social Science HS-102: Western Civ. in World Perspective II(a) HS-201: United States History I IS-410: Integrative Seminar for Elementary Ed. AN-103: Cultural Anthropology HS-101: Principles of Human Geography (d) PS-103: American National Government 3.0 PS-281: International Relations (d) PS-103: American National Relations (d) PS-281: International Relations (d) Social Science MA-105: Math Modeling In Social Science MA-105: Math Modeling In Social Science MA-105: Intro to Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-116: Calculus for the Biological Sciences MA-116: Calculus for the Biological Sciences MA-116: Tracking International Reasoning	MA-205: Number Systems	3.0	FDI -326: Literacy Instr. in K-6 Ed. Settings I	3.0			
MA-207: Elementary Geometry MA-305: Mathematical Problem Solving BY-113: Introduction to Structure & Function of Living Systems BY-114: Unity and Diversity of Life BY-202: Human Biology and Health BE-200: Economics for Social Science HS-102: Western Civ. in World Perspective II(b) IS-410: Integrative Seminar for Elementary Ed. OTHER MAJOR REQUIREMENTS: 24-25 Credits AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives CE-101: Chemistry in Our Lives MA-105: Math Modeling In Social Science MA-105: Math Modeling In Social Sciences MA-116: Pre-Calculus Mathematics MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning	= = = = = = = = = = = = = = = = = = = =	3.0					
BY-113: Introduction to Structure & Function of Living Systems BY-114: Unity and Diversity of Life BY-202: Human Biology and Health BE-200: Economics for Social Science HS-102: Western Civ. in World Perspective II(b) IS-410: Integrative Seminar for Elementary Ed. AN-103: Cultrual Anthropology HS-101: Western Civ. in World Perspective I(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives Take 3-4 Credits from the Following Courses: MA-105: Math Modeling in Social Science MA-105: Math Modeling in Social Sciences MA-120: Intro to Mathematical Reasoning BY-113: Internatical Reasoning ED-360: Methods of Teaching Elementary Mathematics 3.0 ED-361: Methods of Teaching Elementary Mathematics 3.0 ED-362: Teaching Elementary Mathematics 3.0 ED-361: Methods of Teaching Elementary Mathematics 3.0	MA-207: Elementary Geometry	3.0	EDL-327: Literacy Instr. in K-6 Ed. Settings II	3.0			
BY-114: Unity and Diversity of Life BY-202: Human Biology and Health BE-200: Economics for Social Science BS-200: Economics for Social Science BS-201: United States History I BS-201: United States History II BS-201: United State History II BS-410: Integrative Seminar for Elementary Ed. AN-103: Cultural Anthropology BS-101: Mestern Civ. in World Perspective I(b) BS-103: American National Government PS-281: International Relations (a) BS-101: Physics in Our Lives BS-281: Teaching Elementary Social Studies BS-362: Teaching Elementary Social Studies BD-362: Teaching Insurance Social Studies BD-362: Teaching Elementary Social Studies BD-362: Teaching Insurance Social Studies BD-362: Teaching Insurance Social Studies BD-362: Teaching Insurance Social	MA-305: Mathematical Problem Solving	3.0	ED-320: Teaching Students with Diverse Needs	3.0			
BY-114: Unity and Diversity of Life BY-202: Human Biology and Health BF-200: Economics for Social Science BE-200: Economics for Social Science HS-102: Western Civ. in World Perspective II(b) HS-201: United States History I SOCIENTEM MAJOR REQUIREMENTS: 24-25 Credits AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives Take 3-4 Credits from the Following Courses: MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning		3.0	,	3.0			
BE-200: Economics for Social Science HS-102: Western Civ. in World Perspective II(b) HS-201: United States History I Us-410: Integrative Seminar for Elementary Ed. AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives Take 3-4 Credits from the Following Courses: MA-105: Math Modeling In Social Science MA-105: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning	BY-114: Unity and Diversity of Life	3.0					
HS-102: Western Civ. in World Perspective II(b) HS-201: United States History I HS-202: United State History II 3.0 IS-410: Integrative Seminar for Elementary Ed. AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives 3.0 Take 3-4 Credits from the Following Courses: MA-105: Math Modeling In Social Sciences MA-116: Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning	BY-202: Human Biology and Health	3.0	ED-361: Methods of Teaching/Science	3.0			
HS-102: Western Civ. in World Perspective II _(b) HS-201: United States History I 3.0 HS-202: United State History II 3.0 IS-410: Integrative Seminar for Elementary Ed. AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I _(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives 3.0 CE-101: Chemistry in Our Lives MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning	BE-200: Economics for Social Science	3.0	ED-362: Teaching Elementary Social Studies	3.0			
HS-202: United State History II IS-410: Integrative Seminar for Elementary Ed. OTHER MAJOR REQUIREMENTS: 24-25 Credits AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives Take 3-4 Credits from the Following Courses: MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning	HS-102: Western Civ. in World Perspective II(b)	3.0					
OTHER MAJOR REQUIREMENTS: 24-25 Credits AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-120: Intro to Mathematical Reasoning 3.0 AN-105: Math Modeling In Social Sciences MA-120: Intro to Mathematical Reasoning	HS-201: United States History I	3.0					
OTHER MAJOR REQUIREMENTS: 24-25 Credits AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-120: Intro to Mathematical Reasoning 3.0 And BC Credits as Follows (c): ED-416: Clinical Practice AND ED-416S: Seminar in Clinical Practice 1.0 3.0 3.0-4.0 3.0-4.0 And And And And And And And And And An	HS-202: United State History II	3.0					
AN-103: Cultural Anthropology HS-101: Western Civ. in World Perspective I(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning	IS-410: Integrative Seminar for Elementary Ed.	3.0					
HS-101: Western Civ. in World Perspective I(b) GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning 3.0 3.0 4.0 9 Credits as Follows (c): ED-416: Clinical Practice AND ED-416S: Seminar in Clinical Practice 3.0 3.0 3.0 4.0 3.0 5.0 9 Credits as Follows (c): 5.0 5.0 5.0 5.0 5.0 6.0 6.0 6.0	OTHER MAJOR REQUIREMENTS: 24-25 Credits						
GO-101: Principles of Human Geography (d) PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning 3.0 BD-416: Clinical Practice AND ED-416S: Seminar in Clinical Practice 3.0 3.0 3.0 4.0 3.0 3.0 3.0 4.0 5.0 5.0 5.0 5.0 5.0 5.0 5	AN-103: Cultural Anthropology	3.0					
PS-103: American National Government PS-281: International Relations (d) PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning BD-416: Clinical Practice AND ED-416S: Seminar in Clinical Practice 3.0 3.0 4.0 Social Science Soc							
PS-281: International Relations (d) PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning ED-416S: Seminar in Clinical Practice 1.0 3.0 3.0 3.0 4.0				0.0			
PH-101: Physics in Our Lives CE-101: Chemistry in Our Lives 3.0 Take 3-4 Credits from the Following Courses: MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning							
Take 3-4 Credits from the Following Courses: MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning			ED-4103. Seriillar III Cililical Fractice	1.0			
MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences MA-120: Intro to Mathematical Reasoning	-						
MA-125: Calculus with Analytical Geometry	MA-105: Math Modeling In Social Science MA-109: Pre-Calculus Mathematics MA-115: Pre-Calculus Modeling for the Biol Sci MA-116: Calculus for the Biological Sciences	3.0-4.0					
(a) Minimum grade of "C" required for Education Courses							

⁽a) Minimum grade of "C" required for Education Courses

⁽b) Students may substitute a non-western history course for HS-101 or HS-102 (6 credits required).

⁽c) Students must complete the appropriate test requirement(s) with a passing score PRIOR to Clinical Practice.

⁽d) Two semesters of same foreign language may substitute for GO 101 & PS 281.

Bachelor of Arts in Interdisciplinary Studies for Elementary Educators					
GENERAL EDUCATION RE	QUIREMENTS: 24 to 2	27 Credits	Credits		
First Year Seminar		FY-101: First Year Seminar	3.0		
Reading and Writing		EN-101: College Composition I EN-102: College Composition II	3.0 3.0		
Mathematics		Fulfilled in Major Requirements with Mathematics Courses	0.0		
Natural Sciences		Fulfilled in Major Requirements with Biology Courses	0.0		
Literature		3 Credits from courses designated with Course*Type: LIT	3.0		
Aesthetics and Creativity		3 Credits from Art, Music, Theatre, or Dance	3.0		
Technological Literacy		3 Credits from courses designated with Course*Type: TL	3.0		
Reasoned Oral Discourse		Fulfilled in Major Requirements with ED-320	0.0		
Historical Perspective		Fulfilled in Other Major Requirements with HS-101	0.0		
Social Science		Fulfilled in Other Major Requirements with AN-103	0.0		
Historical Perspective/Soc	ial Sciences	Fulfilled in Interdisciplinary Requirements with PS-103	0.0		
Interdisciplinary Perspective	/es	3 Credits from courses designated with Course*Type: ISP	3.0		
Cultural Diversity and Glot or Foreign Language	and	3 Credits from courses designated with Course*Type: CD* 3 Credits from courses designated with Course*Type: GU *Partially fulfilled in Other Major Requirements with GO-101 6 Credits from the SAME foreign language	3.0 - 6.0		
Experiential Education		One course designated with Course*Type: EX	0.0		
Writing Intensive		Two courses designated with Course*Type: WT	0.0 0.0		
		Two courses from Education (ED, EDL, EDS) designated with Course*Type: WT	0.0 0.0		

Minimum Credis for Bachelor of Arts in Interdisciplinary Studies for Elementary Educators = 129.0

ADDITIONAL ENDORSEMENTS AVAILABLE:

- TSD Teacher of Students with Disabilities Elementary
- ESL English as a Second Language Elementary

Early Childhood Endorsement P-3

• MID - Middle School Social Studies

MID - Middle School EnglishMID - Middle School Science

• MID - Middle School Math

NOTES:

- * 58 credits must be completed at the 200 level or higher.
- ** Education majors are required to have an overall GPA of 3.00 for State Certification.
- ***By state regulation, all Education Majors seeking content area endorsement must complete 30 content credits (12+ credits at the 300+ level).