



STUDENT:

STUDENT ID NUMBER:

College of Education

B.S. in Visual Impairment Birth-21 – Elementary Education 4-8 Mathematics & Science

Program Code: UCOESPUES
Version Number: 2138 – Fall 2013

Effective Date: August 26, 2013

GENERAL EDUCATION

I. UNIVERSITY CORE (12 credits) RC CR GR

	RC	CR	GR
A. Oral Communication: COM 010 or above			
COURSE: COM 010 ♦ (suggested)	3		
B. Written Communication: ENG 023, 024 or 025			
COURSE: ENG 023, 024 or 025 ♦ (suggested)	3		
C. Mathematics: MAT 017 or above			
COURSE: MAT 103 ♦ (suggested)	3		
D. Wellness: any 3-credit HEA course			
COURSE: HEA 102 (suggested)	3		

II. UNIVERSITY DISTRIBUTION (15 credits) RC CR GR CAC

	RC	CR	GR	CAC
A. Natural Science: Any lab or non-lab course with prefix AST, BIO, CHM, ENV, GEL, MAR, NSE or PHY; or certain GEG courses (see note at right)				
COURSE: BIO 010/011 (suggested)	3			
B. Social Science: Any course with prefix ANT, CRJ, ECO, GEG (see note at right), HIS, INT, MCS, POL, PSY, SOC, SSE or SWK				
COURSE: HIS 025 or HIS 026 (suggested)	3			
C. Humanities: Any course with prefix ENG, HUM, PAG, PHI, WRI, WGS, or Modern Language				
COURSE: ENG LIT ♦ (suggested)	3			
D. Arts: Any course prefix ARC, ARH, ART, CDE, CDH, CFT, DAN, FAR, FAS, MUP, MUS, or THE				
COURSE:	3			
E. Free Elective: Any course carrying university credit				
COURSE: PHI 015 (suggested)	3			

III. COMPETENCIES ACROSS THE CURRICULUM RC CR GR CAC

	RC	CR	GR	CAC
A. Writing Intensive (WI) (9 credits)				
COURSE:	3			WI
COURSE:	3			WI
COURSE:	3			WI
B. Quantitative Literacy (QL) (3 credits) OR Computer-Intensive (CP) (3 credits)				
COURSE:	3			
C. Visual Literacy (VL) (3 credits) OR Communication-Intensive (CM) (3 credits)				
COURSE:	3			
D. Cultural Diversity (CD) (3 credits)				
COURSE:	3			CD
E. Critical Thinking (CT) (3 credits)				
COURSE:	3			CT

A Competency Across the Curriculum (CAC) course is not a separate course, but rather an overlay that is “double counted” as fulfilling both the CAC requirements and another requirement in either General Education (except for the University Core), the major, or the minor.

- RC = Minimum required number of credits
- CR = Credits earned (fill in number of credits)
- GR = Grade earned (fill in letter grade)
- CAC = Competency Across the Curriculum (fill in designation)

NOTE: GEG courses with a lab and 040, 322, and 323 may be used in II.A. and GEG courses 040, 204, 274, 305, 322, 323, 324, 347, 380, and 394 may **NOT** be used in II.B.

IV. COLLEGE DISTRIBUTION (21 credits) RC CR GR CAC

	RC	CR	GR	CAC
COURSE: SPU 201 Cognitive Development ♦	3			
COURSE: ITC 321 Instructional Technology in Ed. ♦	3			
COURSE: MAT 104 ♦ (suggested)	3			
12 Credits required by major but fulfilling General Education requirements (suggested courses below)				
COURSE: ELU 212 Teaching Diverse Learners ♦	3			
COURSE: SPU 101 Early Intervention & Transition ♦	3			
COURSE: SPU 314 Effective Inst. Strat. Disabilities ♦	3			
COURSE: SPU 316 Literacy Dev. Core & Intervent. ♦	3			

♦ -These courses require a grade of “C” or better.

TEACHER CANDIDACY REQUIREMENTS

Requirements must be met upon reaching 48 credit hours

- Required Basic Skills Assessments
- Required Grade Point Average
- C or better in ENG 023, 024 or 025
- C or better in any ENG literature course
- C or better in two mathematics courses
- Completion of **program specific** observation hours

B.S. in Visual Impairment Birth-21 – Elementary Education 4-8 Mathematics & Science

Program Code UCOESPUES Effective Date: August 26, 2013 132/134 Credits Required

V. CERTIFICATION COURSES (45/46 credits)		RC	CR	GR	CAC
1. Professional Courses 3 S.H.					
ELU 212 Teaching Diverse Learners at Mid.Level ♦	#				
ITC 321 Technology in Education. Instruction ♦	#				
EDU 326 Intro. To Middle level Educ. ♦	3				
2. Natural Sciences 18 S.H.					
a. BIO 010/011	#				
b. AST 020/021 or CHM 020/021 OR GEL 020/021 or PHY 020/021.	3				
c. Choose <u>two</u> of the following not taken in 2.b. (for 6 S.H.)					
AST 020/021 Introductory Astronomy (lab)	3				
CHM 020/021 Introduction to Chemistry (lab)	3				
GEL 020/021 Introduction to Geology (lab)	3				
PHY 020/021 Introduction to Physics (lab)	3				
CHM 051 Introduction to Forensic Science	3				
BIO/MAR 050/051 Window to the Ocean (lab)	3				
BIO 130 Envir. Issues OR BIO 140 Bio and Society	3				
d. Choose <u>3 additional</u> courses from science list (not taken in 2.b. or 2.c.)					
1.	3				
2.	3				
3.	3				
3. Mathematics 15/17 S.H.					
a. MAT 103 Fundamentals of Math I ♦	#				
b. MAT 104 Fundamentals of Math II ♦	#				
c. MAT 040 Geometry	3				
d. Choose all classes in Group A or all in Group B					
Group A	Group B				
MAT 105 (prereq. for 122)	MAT 115	3			
MAT 106	MAT 140	3			
MAT 122 – 3 S.H.	MAT 181 – 4 S.H.	3/4			
MAT 140 – 3 S.H.	MAT 182 – 4 S.H.	3/4			
4. English/Language Arts & Reading 3 S.H.					
a. ENG 010 (or other lit course) ♦	#				
b. ELU 221 Lit. for Upper Elem. & Mid. Level Learners ♦	3				
c. ELU 342 Teaching Writing at the Mid Level- (Course is taken during Professional Semester.) ♦	*				

Science List (V.3.d)

BIO/MAR 050/051	Window to the Oceans (lecture and lab)
BIO 130	Env. Issues: Global Perspective
BIO 140	Biology and Society
AST 020/021	Intro Astronomy (lecture & lab)
AST 030/031	Mission to the Planet (lecture & lab)
CHM 020/021	Intro to Chemistry (lecture & lab)
CHM 051	Intro to Forensic Science
GEG 204/205	Meteorology (lecture & lab)
GEL 020/021	Intro to Geology (lecture & lab)
PHY 020/021	Intro to Physics (lecture & lab)

5. Social Studies - Choose 2 of the following - 6 S.H. (Only one from each line) (Excluding the 2 taken as required Gen Ed. courses)		RC	CR	GR	CAC
a. American History – HIS 025 or HIS 026	#				
b. Sociology/Anthropology/Philosophy- PHI 015	#				
c. Geography – GEG 010, GEG 020, or GEG 101	3				
d. World History – HIS 014 or HIS 015	3				
e. Political Science – POL 010 or POL 020	3				
f. Economics – ECO 010, ECO 011 or ECO 012	3				

VI. SPECIALIZATION (18 credits)		RC	CR	GR	CAC
1. Visual Impairment 18 S.H. SPU 101 Early Intervention & Transition Disabilities ♦					
SPU 101 Early Intervention & Transition Disabilities ♦	#				
SPU 201 Cognitive Dev. Diverse Learners ♦	#				
SPU 314 Effective Inst. Strat. Disabilities ♦	#				
SPU 316 Literacy Dev. Core & Intervention ♦	#				
SPU 200 Reading, Writing & Tchg. Library Braille ♦	3				
SPU 202 Orient. & Mobility for Tchrs. of Stu. with VI ♦	3				
SPU 204 Anat./Eye & Related Assess. Students w/ VI ♦	3				
SPU 221 Assessment for Stud. w/ Visual Impairments ♦	3				
SPU 300 Reading, Writing & Tchg. Literary Braille ♦	3				
SPU 302 Adapting Materials & Methods of Instr. & Eval. ♦	3				

VII. CLINICAL COMPONENT (21 credits)		RC	CR	GR	CAC
A. Professional Semester (Candidacy Required) 9 S.H. Courses scheduled in a block Fall or Spring _____					
ELU 342 Teaching Writing at the Mid. Level ♦	3				
ELU 346 Middle Level Cognitive Development ♦	3				
ELU 348 Teaching Math & Sci to Mid. Level Learners ♦	3				
SPU 314 Effective Inst. Strat. Disabilities ♦	#				
B. Clinical Experience (Candidacy Required) 12 S.H. Fall or Spring _____					
SPU 390/391 Clinical Experience VI I & II ♦	6				
ELU 392/393 Clinical Experience I & II with Mid. Lev. Learners ♦	6				

*- Student is receiving credit for course as a Specialization requirement.

♦ -These courses require a grade of "C" or better.

- The following courses are required by your major, but can satisfy General Education requirements:

BIO 010	HIS 025/026
ENG 010	MAT 103
ENG 100 (4-8 Engl.) / PHI 015 (4-8 non-Engl.)	MAT 104
GEG 020	PSY 011

- Student is receiving credit for course as a General Education requirement.