

Visual Impairment Birth-21 Elementary Education – 4-8 Science & Social Studies

Program Code: UCOESPUSS

Effective Date: August, 27, 2018

Total number of credits: 132

Version Number: 2188 – Fall 2018

Student Learning Outcomes (SLOs)
 Upon completion of the requirements for the General Education Program, students will be able to:

1. Communicate clearly and effectively orally and in writing.
2. Apply scientific and quantitative reasoning to solve problems and increase knowledge.
3. Apply skills in critical analysis and reasoning for the interpretation of data.
4. Engage critically with creative or artistic works.
5. Demonstrate the ability to retrieve, interpret, and evaluate information.
6. Analyze the role of values, ethics, diversity, and multiple perspectives in local and global society.
7. Demonstrate an understanding of various models for the development of the whole person.
8. Explore concepts, ideas, and methods from a variety of disciplines.

I. Discovering College (3 cr)
This course meets SLOs # 5 and #7

		CR	GR	
First Year Seminar	FYS 101	3	___	
TOTAL CREDITS		_____		

COURSES IN CATEGORIES II.B, II.C, AND II.D MUST BE TAKEN OUTSIDE THE STUDENT'S MAJOR. THE MAJOR IS DEFINED AS THE PREFIX THAT IDENTIFIES THE MAJOR. CONCOMITANT REQUIREMENTS MAY BE TAKEN TO MEET GEN ED REQUIREMENTS.

Transfer students transferring 15 credits or more and not transferring an FYS or FYE course may select **ANY approved General Education** course to meet their FYS Course requirement. _____ 3 _____

II. B. Understanding Self and Others - (9 credits)
These course meet SLOs # 3 and #6

	CR	GR	
Course			
_____	___	___	
_____	___	___	
_____	___	___	
TOTAL CREDITS		_____	

II. A. Communicating with and about the World - (12 cr)
These courses meet SLOs #1 and #5
 At least one course must be a CMP (Composition) 100 level course and one course must be a 200 level CMP course.

		CR	GR	
1. Composition				
CMP100 LEVEL	_____	___	___	
2. Composition				
CMP200 LEVEL	_____	___	___	
3. Speaking	_____	___	___	
4. Any writing or speaking course (II.A.2, II.A.3) or from the approved list	_____	___	___	
TOTAL CREDITS		_____		

II. C. Understanding Science & Technology - (9-11 cr)
These course meet SLOs #2 and #3

	CR	GR	
Course			
1. Scientific Inquiry	___	___	
2. Quantitative Reasoning	___	___	
3. ANY II.C.1 OR II.C.2 COURSE	___	___	
TOTAL CREDITS		_____	

II. D. Understanding and Creating Ideas – (9 credits)
These courses meet SLOs # 4 and #6

	CR	GR	
Course			
_____	___	___	
_____	___	___	
_____	___	___	
TOTAL CREDITS		_____	



NEW

BSED in Special Education VI B-21 Elementary Education – 4-8 Science & Social Studies

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CERTIFICATION COURSES

Professional Courses 9 S.H.		
a. ELU 212 Teaching Diverse Learners at Mid.Level	3	
b. LLT 321 Technologies for the 21 st Century Educator	3	II.D
c. EDU 326 Intro. To Middle level Educ.	3	
Natural Sciences 21 S.H.		
a. CHM 20 Introduction to Chemistry (lab)	3	II.C.3
b. BIO 10 <u>OR</u> BIO 104	3/4	II.C.1
c. AST 20 Introductory Astronomy (lab)	3	
d. GEG 204 Meteorology	3	
e. GEL 20 Introduction to Geology (lab)	3	
f. PHY 20 Introduction to Physics (lab)	3	
g. BIO 130 Environmental Issues: Global Perspectives	3	
Mathematics 12 S.H.		
a. MAT 103 Fundamentals of Math I	3	II.C.2
b. MAT 104 Fundamentals of Math II	3	
c. MAT 40 Geometry	3	
d. MAT 105 College Algebra <u>OR</u> MAT 115 Pre-Calculus	3	
English/Language Arts & Reading 12 S.H.		
a. ENG 23, 24 or 25	3	II.A.1
b. ENG 100WI Principles of Literacy Analysis	3	II.A.2
c. COM 10 Fundamentals of Oral Communication	3	II.A.3
d. ELU 221 Lit. for Upper Elem. & Mid. Level Learners	3	
Social Studies (Choose one from each line) 21 S.H.		
a. American History – HIS 25	3	II.B
b. American History – HIS 26	3	
c. World History – HIS 14	3	II.D
d. World History – HIS 15	3	
e. Economics – ECO 10, ECO 11 or ECO 12	3	II.B
f. Constitutional History of US-HIS 310	3	II.D
g. Geography – Select One GEG 10 GEG 20 GEG 101	3	II.B

CLINICAL COMPONENT (15 S.H.)

A. Professional Semester – Candidacy Required		
ELU 344 Teach. & Assess. Soc. Studies for Middle Level Learners.	3	
ELU 346 Middle Level Cognitive Development	3	
EEU 349 Teach. & Assess. Sci. for Mid. Level Learners	3	
B. Clinical Experience Candidacy Required		
ELU 392/393 Clinical Experience with Mid. Lev. Learners	6	

Visual Impairment Courses (36 credits)		
SPU 101 Early Intervention for Students with Disabilities	3	
SPU 200 Reading, Writing, and Teaching Unified English Braille	3	
SPU 201 Cognitive Development of Diverse Learners in a Standards Aligned System	3	
SPU 202 Orientation and Mobility for Teachers of Students with Visual Impairments, including Deafblindness	3	
SPU 316 Literacy Development and Instruction in Core and Intervention Areas	3	
SPU 302 Adapting Materials & Methods of Instruction and Evaluation for Teaching Students with Visual Impairments	3	
SPU 330 Teaching Students with Low Incidence Disabilities	3	
TRIO		
SPU 204 Anatomy of the Eye and related Assessment of Students with Visual Impairments	3	
SPU 221 Assessment for Students with Visual Impairments	3	
SPU 300 Reading, Writing, and Teaching Literary Braille, Nemeth Mathematics Code, and Other Braille Codes	3	
Clinical Experience Candidacy Required		
SPU 390/391 Clinical Experience VI B-21	6	

Non Directed Gen Ed (6 credits)		
FYS 101 First year seminar	3	I.
	3	II.A.4

Special Education: Visual Impairment: Birth-21
Suggested Course Sequence
Effective Fall 2018 freshman class
4-8 Science/Social Studies

First Semester

*#SPU 201
+CMP 100
+MAT 103
BIO 010/011
FYS 100

Second Semester

*#SPU 101
+MAT 104
HIS 025/026
SCIENCE ELECTIVE
+ENG Literature
Social Science Elective

Third Semester

*# SPU 200
*# SPU 202
MAT 040
AST/CHM/GEL
Math 105 or 115
COM 010

Fourth Semester

*#SPU 204
*#SPU 221
*#SPU 300
SCIENCE ELECTIVE
*#LLT 321
EDU 326

SPU 204, 221, & 300 must be taken as a block

Refer to actual grid for course titles

Special Education courses should be taken as detailed above

Fifth Semester

SCIENCE ELECTIVE
*#^SPU 302
SCIENCE ELECTIVE
PHI 015
*#ELU 212
HIS/POL

Sixth Semester

Social Science elective
GEG/ECO
*#^SPU 316
Social Science Elective
SCIENCE ELECTIVE
SPU 333

Seventh Semester (Professional Semester)

*#^ELU 344
*#^ELU 346
*#^ELU 349
*# SPU 330

Eighth Semester

#^Clinical Experience

+ These courses must be completed with a "C" grade or better by 48 credits.

These courses must be completed with a "C" grade or better.

* These courses must be completed prior to clinical experience.

^ These courses require teacher candidacy.