

STUDENT:

STUDENT ID NUMBER:

College of Education

B.S. in Visual Impairment Birth-21 - Elementary Education 4-8 Math & Eng./Lang. Arts & Rdg.

Program Code: UCOESPUEM Effective Date: August 26, 2013
Version Number: 2138 – Fall 2013

GENERAL EDUCATION

I. UNIVERSITY CORE (12 credits)	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
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: ENG 100 (suggested)	3			

III. COMPETENCIES ACROSS THE CURRICULUM	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			СТ

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)

hours

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
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.

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Req	uirements 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

B.S. in Visual Impairment Birth-21 – Elementary Education 4-8 Math & Eng./Lang. Arts & Rdg.

Program Code UCOESPUEM Effective Date: August 26, 2013 129/131 Credits Required

V. CERTIFICATION COURSES (42/43 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 9 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			
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				
1 MAT 105 (prereq. for 122) MAT 115	3			
2. MAT 106 MAT 140	3			
3. MAT 122 – 3 S.H. MAT 181 – 4 S.H.	3/4			
4. MAT 140 – 3 S.H. MAT 182 – 4 S.H.	3/4			
4. English/Language Arts & Reading 6 S.H.	5, .			
a. ENG 010 (or other lit course) ♦	#			
b. ENG 100 Principles of Literacy Analysis	#			
c. SPU 316 Literacy Dev. Core & Intervention ◆	*			
 (Taken in Specialization Block) d. ELU 342 Teaching Writing at the Mid Level- (Course is taken during Professional Semester.) ◆ 	*			
e. ELU 221 Lit. for Upper Elem. & Mid. Level Learners	3			
f. ENG Elective	3			
5. Social Studies - Choose 3 of the following - 9 S.H. (Only one from each line) (Excluding the 1 taken as a required Gen. Ed. course)				
a. American History – HIS 025 or HIS 026	#			
b. Geography – GEG 010, GEG 020, or GEG 101	3	\vdash		
c. World History – HIS 014 or HIS 015	3			
d. Political Science – POL 010 or POL 020	3			
e. Economics – ECO 010, ECO 011 or ECO 012	3	 		
f. Soc/Anthro/Philosophy- SOC 010/ANT 010/PHI 015	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	i		
ELU 392/393 Clinical Experience I & II with Mid. Lev.	6	;		
Learners ◆				

- *- 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 (PreK-4)
 ENG 010 MAT 103
 ENG 100 (4-8 Engl.) / PHI 015 (4-8 non-Engl.) MAT 104
 GEG 020 (PreK-4) PSY 011 (PreK-4)
- # Student is receiving credit for course as a General Education requirement.

Name	Advisor

VISUAL IMPAIRMENT Birth-21 Elementary Education PreK-4 Fall 2015 120 Credits

First Semester

Course No.		S.H.	Scheduled	Grade
+ ENG 023	ENGLISH COMPOSITION I Composition Requirement (Prerequisite for all ENG	3 courses)		
+ MAT 103	FUNDAMENTALS OF MATHEMATICS I (Prerequisite for MAT 104, EEU 209 and EEU 309)	3		
PSY 011	GENERAL PSYCHOLOGY (Prerequisite for PSY 110 and EEU 130)	3		
COM 010	FUNDAMENTALS OF ORAL COMMUNICATIONS	3		
*# SPU 201	COGNITIVE DEVELOPMENT OF DIVERSE LEARNERS IN A STANDARDS ALIGNED SYSTEM (Prerequisite for SPU 204 and SPU 316)	3		

⁺ 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.

Second Semester

Course No.		S.H.	Scheduled	Grade
+ Elective	Humanities Elective (Literature) (Prerequisite: ENG 023) Recommended courses: ENG 010, Introduction to Literature ENG 101, World Literature I Course Taken:	3		
+ MAT 104	FUNDAMENTALS OF MATHEMATICS II (Prerequisite: MAT 103; Prerequisite for EEU 209 and EEU 309)	3		
* PSY 110	CHILD PSYCHOLOGY (Prerequisite: PSY 011; Prerequisite for EEU 130)	3		
*# SPU 101	EARLY INTERVENTION AND TRANSITION FOR STUDENTS WITH DISABILITIES	3		
Elective	Diversity Elective Course Taken:	3		
ANT 010 Cultural A	Anthropology / <u>ANT 130</u> Marriage and Family in Cross-Cultural Per	spective (p	ore-req. ANT 010 or S	OC 010)

ANT 215 Female and Male in Anthropological Perspective / ANT 226 Anthropology and Education

ANT 290 Culture and Personality (pre-req. ANT 010 or PSY 011)

SOC 010 Principles of Sociology / SOC 110 Contemporary Sociological Problems (pre-req. SOC 010 or permission of the instructor)

SOC 120 Marriage and the Family / SOC 140 Racial and Ethnic Minorities / SOC 230 Urban Sociology

CRJ 230 Race, Crime, and Criminal Justice / CRJ 231 Gender, Crime, and Justice

HIS 150 Minorities in American History

INT 010 Introduction to International Studies

POL 030 Introduction to Comparative Politics

PSY 215 Psychology of Prejudice (pre-req. PSY 011) / PSY 240 Social Psychology (pre-req. PSY 011)

COM 213 Communication in a Multicultural World

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Third Semester

Course No.		S.H.	Scheduled	Grade
Elective	Natural Science and Math Elective (Biological Science/Lab) (Prerequisite for EEU 205) Recommended course: BIO 010/011, Introduction to Biology Lecture and Lab Course Taken:	3		
*# EEU 130	EARLY CHILDHOOD DEVELOPMENT: THEORIES AND PRACTICE (Prerequisites: PSY 011 and PSY 110)	3		
*# EEU 209	MATH FOUNDATIONS FOR PREK-1 (Prerequisites: MAT 103 and MAT 104, Prerequisite for EEU 309)	3		
*# SPU 200	READING, WRITING, AND TEACHING UNIFIED ENGLISH BRAILLI (Prerequisite for SPU 221 and SPU 300)	3 <u>E</u>		
*# SPU 202	ORIENTATION AND MOBILITY FOR TEACHERS OF STUDENTS WITH VISUAL IMPAIRMENTS, INCLUDING DEAFBLINDNESS	3		

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Fourth Semester

Course No.		S.H.	Scheduled	Grade
Elective	Non-Biological Science with/without Lab (Prerequisite for EEU 205) Recommended courses: AST 020/021, Introductory Astronomy Lecture and Lab CHM 020/021, Introduction to Chemistry Lecture and Lab GEL 001, Dinosaurs Lecture GEL 020/021, Introduction to Geology Lecture and Lab PHY 020/021, Introduction to Physics Lecture and Lab Course Taken:	3		
EEU 211	FAMILY COLLABORATION AND DIVERSITY	3		
*# SPU 204	ANATOMY OF THE EYE AND RELATED ASSESSMENT OF STUDENTS WITH VISUAL IMPAIRMENTS (Prerequisite: SPU 201, Prerequisite for SPU 330)	3		
*# SPU 221	ASSESSMENT FOR STUDENTS WITH VISUAL IMPAIRMENTS (Prerequisite: SPU 200)	3		
*# SPU 300	READING, WRITING, AND TEACHING LITERARY BRAILLE, NEMETH MATHEMATICS CODE, AND OTHER BRAILLE CODES (Prerequisite: SPU 200, Prerequisite for SPU 302)	3		

Note: SPU 204, SPU 300, and SPU 221 must be taken together for the vision sequence.

TOTAL <u>15</u>

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EEU and SPU courses listed in the fifth to eighth semesters may only be taken by teacher candidates.

Fifth Semester

Course No.		S.H.	Scheduled	Grade
*# EEU 205	TEACHING SCIENCE IN EARLY CHILDHOOD (Prerequisites: Biological Science and Physical Science/Earth Space Science courses)	3		
*# EEU 300	EARLY LITERACY DEVELOPMENT AND ACQUISITION PREK-1 (Prerequisite: EEU 130, Prerequisite for EE	3 EU 301)		
*# ARU 236	THE ARTS AND PREK-4 EDUCATION	3		
HEA 102	INTRODUCTION TO HEALTH & WELLNESS	3		
*#^ SPU 302	ADAPTING MATERIALS AND METHODS OF INSTRUCTION AND EVALUATION FOR TEACHING STUDENTS WITH VISUAL IMPAIRMENTS (Prerequisite: SPU 300, Prerequisite for SPU 390/39)	3 (21)		

TOTAL <u>15</u>

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Sixth Semester

Course No.		S.H.	Scheduled	Grade
GEG or ECO	Social Science Elective (Geography, Economics) Recommended courses: GEG 010, Elements of Physical Geography GEG 020, Elements of Cultural Geography ECO 011, Principles of Macroeconomics Course Taken:			
*#^ SPU 330	TEACHING STUDENTS WITH LOW INCIDENCE DISABILITIES (Prerequisite: SPU 204)	3		
HIS 025 or HIS 026	HISTORY OF THE UNITED STATES: THE FORMATIVE YEARS AND THE FEDERAL REPUBLIC (HIS 025) or HISTORY OF THE UNITED STATES: THE EMERGENCE OF MODERN AMERICA (HIS 026)	3		
Elective	Humanities Elective (ARC, ARH, ART, CDE, CDH, CFT, DAN, FAR, FAS, MUP, MUS, THE) Course Taken:	3		
*#^ SPU 316	LITERACY DEVELOPMENT AND INSTRUCTION IN CORE AND INTERVENTION AREAS (Prerequisite: SPU 201)	3		
*# ITC 321	INSTRUCTIONAL TECHNOLOGY IN EDUCATION TOTAL	3 18		

<u>Department policy does not allow a teacher candidate to take more than three special education (SPU) courses in one semester.</u>

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THE PROFESSIONAL SEMESTER MUST BE SCHEDULED AS A BLOCK

Course No.		S.H.	Scheduled	Grade
*#^ EEU 301	TEACHING LITERACY FOUNDATIONS IN GRADES 2-4 (Prerequisite: EEU 300)	3		
*#^ EEU 303	TEACHING LANGUAGE DEVELOPMENT IN EARLY CHILDHOOD	3		
*#^ EEU 304	TEACHING SOCIAL STUDIES IN PREK-4	3		
*#^ EEU 306	INTEGRATING PRINCIPLES OF LEARNING FOR PREK-4	3		
*# ^ EEU 309	TEACHING MATH FOR GRADES 2-4 (Prerequisites: MAT 103, MAT 104 and EE	3 EU 209)		

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 $^{{\}it ^{\land}} \ These \ courses \ require \ teacher \ candidacy.$

Eighth Semester

Course No.		S.H.	Scheduled	Grade
# EEU 390 or # EEU 391	CLINICAL EXPERIENCE AND PRACTICUM (PreK-4)	6		
# SPU 390 or # SPU 391	CLINICAL EXPERIENCE AND PRACTICUM (Visual Impairment)	6		
22 0 071	(Prerequisite: SPU 302) TOTAL	<u>12</u>		

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 $^{{\}it ^{\land}} \ These \ courses \ require \ teacher \ candidacy.$

Special Education: Visual Impairment: Birth-21 **Suggested** Course Sequence Effective Fall 2014 freshman class 4-8 Math/English

<u>First Semester</u> <u>Fifth</u>	Semester
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*#SPU 201 SCIENCE ELECTIVE

+ENG 023 *#ELU 212 +MAT 103 *#^SPU 302

HIS 025/026 HIS 014-015/POL 010

COM 010 ENG 100

MAT 122 or 181

<u>Second Semester</u> <u>Sixth Semester</u>

*#SPU 101 HEA 102

+MAT 104 MAT 140 or 182 BIO 010/011 SOC/ANT/PHI ARC, ARH, ART, THE *#^SPU 316

+ENG 010 GEG/ECO SCIENCE ELECTIVE English Elective

<u>Third Semester</u> <u>Seventh Semester (Professional Semester)</u>

Fourth Semester Eighth Semester

*# SPU 204 #^Clinical Experience

*# SPU 221

MAT 105 or 115

*# SPU 300

EDU 326

*#ITC 321

MAT 106 or 140

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

- + These courses must be completed with a "C" grade or better by 48 credits.
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Special Education: Visual Impairment: Birth-21 **Suggested** Course Sequence Effective Fall 2014 freshman class 4-8 Math/Social Studies

<u>First Semester</u> <u>Fifth</u>	Semester
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*#SPU 201 SCIENCE ELECTIVE

+ENG 023 *#ELU 212 +MAT 103 *#^SPU 302

HIS 025/026 HIS 014-015/POL 010

COM 010 PHI 015

MAT 122 or 181

<u>Second Semester</u>
*#SPU 101

Sixth Semester
MAT 140 or 182

+MAT 104 Social Science Elective BIO 010/11 ARC/ARH/ART/THE

Social Science Elective *#^SPU 316 +ENG 010 SOC/ANT/PHI

SCIENCE ELECTIVE GEG/ECO

<u>Third Semester</u> <u>Seventh Semester (Professional Semester)</u>

MAT 105 or 115

HEA 102

<u>Fourth Semester</u> <u>Eighth Semester</u>

*#SPU 204 #^Clinical Experience

*# SPU 221

*# SPU 300

*#ITC 321

EDU 326

MAT 106 or 140

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

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- # These courses must be completed with a "C" grade or better.
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Special Education: Visual Impairment: Birth-21 **Suggested** Course Sequence Effective Fall 2014 freshman class 4-8 Science/Eng. Lang.

*#SPU 201 SCIENCE ELECTIVE

*#^SPU 302 +ENG 023

+MAT 103 SCIENCE ELECTIVE

BIO 010/011 SOC/ANT/PHI

COM 010 *#ELU 212

SCIENCE ELECTIVE

Second Semester Sixth Semester

*#SPU 101 HEA 102

+MAT 104 HIS 014/POL 010

HIS 025/026 ARC/ARH/ART/THE

*#^SPU 316 AST/CHM/GEL +ENG 010 **GEG/ECO** SCIENCE ELECTIVE **English Elective**

Seventh Semester (Professional Semester) Third Semester

*#SPU 200 *#^ELU 342 *#SPU 202 *#^ELU 346 MAT 040 *#^ELU 349 **EDU 326** *#^SPU 330

ENG100

Fourth Semester Eighth Semester #^Clinical Experience

*#SPU 204

*#SPU 221

*#SPU 300

*#ITC 321

SCIENCE ELECTIVE

MAT 105 or MAT 115

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

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- # These courses must be completed with a "C" grade or better.
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Special Education: Visual Impairment: Birth-21 **Suggested** Course Sequence Effective Fall 2014 freshman class 4-8 Science/Social Studies

First Semester	Fifth Semester

*#SPU 201 SCIENCE ELECTIVE

+ENG 023 *#^SPU 302

+MAT 103 SCIENCE ELECTIVE

BIO 010/011 PHI 015 COM 010 *#ELU 212 HIS/POL

Second Semester Sixth Semester

*#SPU 101 HEA 102

+MAT 104 ARC/ARH/ART/THE

HIS 025/026 GEG/ECO SCIENCE ELECTIVE *#^SPU 316

+ENG 010 Social Science Elective SCIENCE ELECTIVE

<u>Third Semester</u> <u>Seventh Semester (Professional Semester)</u>

Social Science elective

Math 105 or 115

<u>Fourth Semester</u> <u>Eighth Semester</u>

*#SPU 204 #^Clinical Experience

*#SPU 221

*#SPU 300

SCIENCE ELECTIVE

*#ITC 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

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Special Education: Visual Impairment: Birth-21 **Suggested** Course Sequence Effective Fall 2014 freshman class 4-8 Math/Science

First Semester	Fifth Semester
I II C C CIII C C C I	1 11 111 0 1111 0 101

*#SPU 201 SCIENCE ELECTIVE

+ENG 023 *#^SPU 302

+MAT 103 SCIENCE ELECTIVE

BIO 010/011 MAT 122 or 181

COM 010 EDU 326 HIS/POL

<u>Second Semester</u> <u>Sixth Semester</u>

*#SPU 101 HEA 102

+MAT 104 MAT 140 or 182

HIS 025/026 *#ITC 321 SCIENCE ELECTIVE *#^SPU 316

+ENG 010 SCIENCE ELECTIVE

ARC, ARH, ART, THE PHI 015

<u>Third Semester</u> <u>Seventh Semester (Professional Semester)</u>

Science Elective Math 105 or 115

Fourth Semester Eighth Semester

*#SPU 204 #^Clinical Experience

*#SPU 221

*#SPU 300

*#ELU 212

AST/CHM/GEL

MAT 106 or 140

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

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