General Science
Bachelor of Science in Education: Secondary Education/Special Education

Program Code: UCOESEUSGS
Version Number: 2118-Fall 2011
Program Effective: August 29, 2011
Credit Total: 142

GENERAL EDUCATION		
I. University Core: 12 S.H.	**GR.**	**S.H.**
a. Oral Communication: **COM 010 or above**		3
b. Written Communication: **ENG 023, 024 or 025 ♦**		3
c. Mathematics: **MAT 105, 106, 115 or 140 ♦ (suggested)**		#
d. Wellness: **Any 3 credit HEA course**		3

II. University Distribution: 15 S.H.	**GR.**	**S.H.**
a. Natural Sciences: **Any lab or non-lab course with prefix AST, BIO, CHM, ENV, GEL, MAR, NSE or PHY; or certain GEG courses with advisement** **BIO 104 (suggested)**		#
b. Social Sciences: **Any course with prefix ANT, CRJ, ECO, HIS, MCS, POL, PSY, SOC, SSE or SWK; or certain GEG courses with advisement**		3
c. Humanities: **Any course with prefix ENG, HUM, PAG, PHI, WGS, WRI, or Modern Language** **ENG 010 or higher (English Literature) (suggested) ♦**		3
d. Arts: **Any course prefix ARC, ARH, ART, CDE, CDH, CFT, DAN, FAR, FAS, MUP, MUS, or THE**		3
e. Free Elective: **Any course carrying university credit**		3

IV. College Distribution: 21 S.H.	**GR.**	**S.H.**
a. Math: MAT 105, 106, 115 or 140 (suggested) ♦		#
b. Special Education: SPU 201 Cognitive Development		#
c. Technology: ITC 321 Instructional Technology in Education		3
d. 12 credits required by major but fulfilling General Education requirements		
COURSE: **BIO 106 (suggested)**		#
COURSE: **BIO 108 (suggested)**		#
COURSE: **CHM 100 (suggested)**		#

III. Competencies Across the Curriculum	S.H.
A. Writing Intensive (WI) (9 credits/3 three credit courses)	
COURSE: **SEU 312**	
COURSE: **SEU 342**	9
COURSE: **SEU 321-325, 410**	
B. Quantitative Literacy (QL) (3 credits) OR Computer Intensive (CP) (3 credits)	
COURSE: **ITC 321**	3
C. Visual Literacy (VL) (3 credits) OR Communication Intensive (CM) (3 credits)	
COURSE: **SEU 342**	3
D. Cultural Diversity (CD) (3 credits)	
COURSE: **SEU 312**	3
E. Critical Thinking (CT) (3 credits)	
COURSE: **EDU 100**	3

VI. Clinical Component: 39 S.H.	GR.	S.H.
EDU 100 Perspectives on American Education		3
SPU 201 Cognitive Development of Diverse Learners in a Standards Aligned System #		3
SPU 314 Effective Instructional Strategies for Students with Disabilities in Inclusive Settings		3
[1]SEU 312 Principles of Learning		3
[1]SEU 313 Principles of Learning Clinical Lab (must be taken with accompanying lecture-SEU 312)		3
[1]SEU 342 Principles of Teaching		3
[1]SEU 343 Principles of Teaching Clinical Lab (must be taken with accompanying lecture-SEU 342)		3
EDU 326 Introduction to Middle Level Education (recommended)		
[1]SEU 410 Science Instructional Methods for Middle and High School		3
SEU 390/391 Clinical Experience and Practicum I and II		12
	Total	

[1]Teacher Candidacy must be achieved for these courses and a minimum grade of B- is required.

TEACHER CANDIDACY REQUIREMENTS

Requirements must be met upon reaching 48 credit hours

- ❑ Required Basic Skills Assessment
- ❑ Required Grade Point Average
- ❑ C or better in ENG 023 or 025
- ❑ C or better in ENG literature course
- ❑ C or better in two mathematics courses
- ❑ Completion of Education Exploration hours

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

B.S. in Secondary Education/Special Education – General Science

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V. SPECIALIZATION: 58-61S.H.		
1. Required Courses: 40 S.H.	**GR.**	**S.H.**
BIO 104 Principles of Biology #		4
BIO 106 Introduction to Zoology #		4
BIO 108 Introduction to Botany #		4
CHM 100 General Chemistry I #		4
CHM 102 General Chemistry II		4
GEL 100 Physical Geology		4
Select one of the following two courses: AST 140 Astronomy I *or* AST 142 Astronomy II		3
GEG 204 Meteorology		3
PHY 040 General Physics I		4
ENV 100 Introduction to Environmental Science		3
ENV 222 Environmental Biology		3
	Total	
2. Biology Elective (lab course beyond 010): 3 S.H.		
BIO		3
3. Physical Science Electives: 9 S. H. (GEL, CHM, PHY, AST, ENV)		
		3
		3
		3
4. Mathematics: 6 - 9 S. H. #		
MAT 105 College Algebra and		3
MAT 106 Trigonometry and		3
MAT 140 Applied Statistical Methods		3
OR		
MAT 115 Precalculus Mathematics and		3
MAT 140 Applied Statistical Methods		3
	Total	

 # Courses cross-list with General Education

A. Special Education Certification Courses: 27 S.H.		
SPU 201 Cognitive Development of Diverse Learners in a Standards-Aligned System		#
SPU 313 Assessment and Instructional Methods for Secondary Students with Disabilities		3
SPU 315 Building Collaborative Networks to Support Secondary Students with Disabilities or SPU 314 Effective Instructional Strategies for Students with Disabilities in Inclusive Settings		#
SPU 316 Literacy Development and Instruction in Core and Intervention Areas		3
SPU 320 Special Education Processes and IEP Development		3
SPU 322 Teaching Students with High Incidence Disabilities		3
SPU 327 Secondary Special Education Transition Services		3
SPU 328 Positive Behavioral Intervention & Supports		3
SPU 330 Teaching Students with Low Incidence Disabilities		3

Program:	BSED SEU/SPU/GENERAL SCIENCE					

FIRST YEAR

Fall Semester				Spring Semester		
Course	Title	C.H.		Course	Title	C.H.
EDU 100CT	Perspectives on American Education	3		SPU 314	Effective Instructional Strategies for Students with Disabilities in Inclusive Settings	3
SPU 201	Cognitive Development of Diverse Learners in a Standards Aligned System	3			General Education Requirement (Wellness, Social Sciences, Natural Sciences, or Arts)	3 or 4
COM 010	Fundamentals of Oral Communication	3		MAT 017 or above	Mathematics General Education Requirement	3 or 4
ENG 23, 24 or 25	College Composition	3			ENG Literature Course (Humanities General Education Requirement)	3
MAT 017 or above	Mathematics General Education Requirement	3 or 4			GEN SCI Required Course	3 or 4
	GEN SCI Required Course	3 or 4			GEN SCI Required Course	3 or 4
Total		18 or 20		Total		18 or 21

SECOND YEAR

Fall Semester				Spring Semester		
Course	Title	C.H.		Course	Title	C.H.
ITC 321CPVL	Instructional Technology in Education	3		SPU 318	Assessment and Instructional Methods for Students with Disabilities	3
SPU 316	Literacy Development and Instruction in Core and Intervention Areas (Free Elective)	3 or 4			General Education Requirement (Wellness, Social Sciences, Natural Sciences, or Arts)	3 or 4
	General Education Requirement (Wellness, Social Sciences, Natural Sciences, or Arts)	3 or 4			General Education Requirement (Wellness, Social Sciences, Natural Sciences, or Arts)	3 or 4
	GEN SCI Required Course	3 or 4			GEN SCI Required Course	3 or 4
	GEN SCI Required Course	3 or 4			GEN SCI Required Course	3 or 4
	GEN SCI Required Course	3 or 4			GEN SCI Required Course	3 or 4
Total		18 or 23		Total		18 or 23

THIRD YEAR

Fall Semester				Spring Semester		
Course	Title	C.H.		Course	Title	C.H.
SEU 312WICD	Principles of Learning	3		SEU 342WIVL	Principles of Teaching	3
SEU 313	Principles of Learning Clinical Component	3		SEU 343	Principles of Teaching Clinical Component	3
SPU 330	Teaching Students with Low Incidence Disabilities	3		SPU 328	Positive Behavioral Intervention and Supports	3
	GEN SCI Required Course	3 or 4			GEN SCI Required Course	3 or 4
	GEN SCI Required Course	3 or 4			GEN SCI Required Course	3 or 4
	GEN SCI Required Course	3 or 4			GEN SCI Required Course	3 or 4
Total		18 or 21		Total		18 or 21

FOURTH YEAR

Fall Semester				Spring Semester		
Course	Title	C.H.		Course	Title	C.H.
SEU 410WI	Science Instructional Methods for Middle & High School	3		SEU 390 or SPU 392	Clinical Experience & Practicum I	6
SPU 317	Intensive Reading, Writing, and Mathematical Intervention Approaches	3		SEU 391 or SPU 393	Clinical Experience & Practicum II	6
SPU 320CT	Special Education Processed and IEP Development	3				
SPU 322	Teaching Students with High Incidence Disabilities	3				
	GEN SCI Required Course	3 or 4				
	SEU 410WI is only offered in fall semesters					
Total		15 or 16		Total		12