

B.S.Ed. DEGREE PROGRAM
 Secondary School Science Teacher Certification
 Department of Mathematics and Science Education

Science Education Program

Specialization: Earth Science

Name: _____ I.D. No. _____ Date: _____

Athens Address: _____ Home Address: _____

Cell Phone: _____ Other Phone: _____ E-Mail _____

Note: Numbers in parentheses () refer to explanations on back page

Oct 07

General Education 60 Semester Hours			Science Requirements 35 Semester Hours			Professional Education 32 Semester Hours					
Courses	Hrs	Grade	Courses	Hrs	Grade	Courses	Hrs	Grade			
Area A: Essential Skills	9		Area F: Related to Major	20		Ed. Technology	3				
ENGL 1101	3		EDUC/EFND 2110(7)	3		ESCI 4480 or EDIT 2000	3				
ENGL 1102	3		EDUC 2120	3							
MATH 1113	3		EDUC/EPSY 2130	3		Science Education	26				
Area B: Options	4		PHYS 1111-1111L(8)	4		ESCI 3450	3				
elective(1)	4		PHYS 1112-1112L	4		ESCI 4450 (10)	3				
Area C: Humanities/FA	6		Content Specialization	35		ESCI 4460	3				
Fine Arts (2)	3		GEOL 1250 - 1250L or GEOL 1121 - 1121L	4		ESCI 5460	11				
Humanities (3)	3		GEOL 1260 - 1260L or GEOL 1122 - 1122L	4		ESCI 5470	3				
Area D: Math/Science (4)	12		GEOG 1112-1112L	4		ESCI 5480	3				
CHEM 1211-1211L	4		ASTR 1010 - 1010L or ASTR 1020 - 1020L	4		Other:					
CHEM 1212-1212L	4		GEOL 3030 or GEOL 4090 or MARS 4100	3		SPED 2000/3000*	3				
MATH 2200-2200L	4		Earth Science Electives (9): Primarily for majors: GEOL 3010, 3020, 4010, 4020, other 4000+ Primarily for non-majors: GEOL 2120, 3040, 3080, 3090, 3100, 3120, 3130, 3150, 3200, 3220, 3250, 3300, 3350, 3400; GEOG 3010, 3110, 3210; ASTR 1420, 1540, 1660, 1870, 2030L, 3010, 3020	13							
Area E: Soc. Science (5)	12										
Behavioral Science	3								Minimum Semester Hrs.	127	
Social Science	3								PEDB	1	
POLS 1101-1101D	3										
HIST 2111 or 2112	3										
Env Literacy Req (6)						Science or Science Education Electives	3				

***ESCI 4030 can replace SPED 2000/3000**

NOTE: A passing score (or exemption) on GACE Basic Skills is required before taking ESCI 3450, ESCI 4450, and ESCI 4460. A passing score on GACE Content Assessments (both parts) is required in General Science before being recommended for clear-renewable certification.

NOTE: A grade of C or better is required in all science and professional education courses. The University policy states that a grade of C- will not satisfy this grade requirement.

EXPLANATIONS AND ALTERNATIVES – Oct 07

- (1) Area B will be satisfied by electives selected by the student with approval of academic advisor.
- (2) Area C is satisfied by completing two of the following courses, selected with the advice of an academic advisor. Students may elect one course from the Fine Arts list below and one from the Humanities list, or students may elect two courses from different departments in the Humanities list. ARTS 2000, ARTS 2050, ARHI 2100, DANC 2010, DRAM 2000, DRAM 2120, DRAM 2130, MUSI 2020, MUSI 2040, MUSI 2060, MUSI 2080.
- (3) Humanities: CLAS 1000, 1010, 1020, CMLT 2210, 2220, 2111, 2212, 2400, ENGL 2310, 2320, 2330, 2340, 2400, EDES 2510, 2520, ITAL 2500, LING 2100, PHIL 1000, 1500, 2200, RELI 1001, 1002, 1003, 2004, 2005, ROML 2550, RUSS 2050, SPCM 1100, 1500.
- (4) All courses in Area D must be completed with a grade of C or better. The University policy states that a grade of C- will not satisfy this grade requirement.
- (5) Students who have not met the Georgia and U.S. Constitution requirement by examination will enroll in Political science 1101. Students who have not met the Georgia and U.S. History requirement by examination will enroll in one 3 semester hour course from the following: HIST 2111 or 2112. If students meet these requirements, they will enroll in two more courses from the following list. If requirements in the above both have been met by examination, then one or two additional courses from the list may be selected. Students will meet these requirements by selection from at least two departments. AFAM 2000, ANTH 1102, 2310, ECON 2105, 2106, 2100, 2200, EDES 1500, GEOG 1101-1101D, 1125-1125D, 1103-1103D, HIST 2051, 2052, 2111, 2112, 2050H, 2221, 2222, 2301, 2302, 2501, 2502, 2560, 2601, 2602, 2701, 2702, POLS 1101, PSYC 1101, 2100, SOCI 1101, 1600, (AFAM) 2020, 2400, (AFAM)2820, SPCM 1010, WMST 1110, 2010.
- (6) All students must fulfill the UGA Environmental Literacy Requirement: AAEC 3060, 4650, 4800-4800L, 4930, ADSC 2010-2010L, 4010, ANTH 1102, 4070, 4790, BIOL 1103-1103L, 1104-1104L, 1107-1107L, 1108-1108L, BTNY 1210-1210L, CHEM 1110-1110L, CRSS 2010-2010L, 3050-3050L, (FORS) 3060-3060L, 4340-4340L, 4400, 4590-4590L, 4670, ECOL 1000-1000L, 3070, (BIOL) 3500-3500L, (EETH) 4200-4200L, EDES 1500, EETH (AGRI) 4190, EHSC 3060, 4490, ENGR 3050, ENTO 3740-3740L, (CRSS) 4250-4250L, 4740-4740L, FORS 3020-3020L, GEOG 1101-1101D, 1111, 1112, 1125-1125D, 2250H-2250D, 3210, (BTNY) 4220, 4810, GEOL 1121, 1122, 1250-1250L, 1260-1260L, 2120, 2350H, 2360H, 3030, 3120-3120L, 3150, 3250, 3300, 4220, 4330, 4520, 4700, 4750, HORT 2000, 4890, 4900-4900D, MARS 1010-1010L, 1020-1020L, MMIB 4800, PATH (ANTH) (BTNY) 3010, 3530-3530L, PHIL (EETH) 4220, POUL 4330, RLST (FORS) 3310, 4840, SOCI 2400, (ANTH) (POLS) 3450, TXMI 3550.
- (7) Courses listed here replace EFND 2030 and EPSY 2020 within Area F. All students completing BSED degrees after Spring 2009 must have this set of courses. For students who have previously completed SPED 2000, it will count in place of EDUC 2120 through Spring 2009.
- (8) Students who plan to take physics or chemistry at the 3000 level should select the sequence PHYS 1211/1211L and PHYS 1212/1212L (calculus based physics) in order to meet prerequisite requirements.
- (9) Please see the separate document Notes on Earth Science Content Specialization Courses for details.
- (10) Admission to the Secondary (grades 7-12) Science Education Certification Program is a prerequisite for these courses. The requirements for admission include an overall grade point average of 2.50 and a passing score (or exemption) on GACE Basic Skills. Requirements for admission to the Science Education Certification Program include a) participation in at least two different teaching experiences in organized settings with school age children with a combined duration of at least 25 hours, b) a one page typed essay (not to exceed 250 words) that answers the following questions:
 - What was the nature, approximate dates, duration, and location of each teaching experience?
 - What did you learn from these experiences about the teaching profession?
 - How did these experiences affect your decision to choose the teaching profession?c) completion of at least 30 semester hours of the content specialization courses required of UGA science education majors or 30 semester hours of equivalent coursework. Application materials for Secondary Science Certification Program may be obtained in Rooms 122 and 212 of Aderhold Hall, respectively.