

SCIENCE ELEMENTARY TEACHING MAJOR

2005/06

LIBERAL ARTS CORE REQUIREMENTS CHECKLIST

F=Fall S=Spring FS= Fall & Spring
 AA=as announced s.h.=semester hours
 (3x) = take 3 times
 *=has prerequisite-check the class below it for details
 SL=Service Learning DW=Diverse World
 SE=Senior Experience

<u>You must take the following classes:</u>	Sem.	s.h.
___IDS 499-Major Seminar-each sem	(FS)	1
___IDS 151-Self and Community I	(F)	3
___IDS 152- Self and Community II	(FS)	3
___IDS 111-Writing and Rhetoric I	(F)	3
___IDS 112* Writing and Rhetoric II	(S)	3
*IDS 111 with C or better		
___IDS 211-Civilization Studies I	(F)	3
___IDS 212-Civilization Studies II	(S)	3
___IDS 251-Nature, Tech, and Humanity	(FS)	3

Math Proficiency-3 Semester hours

<u>Take one class:</u>		
___MTH 150-151 Precalculus or Calculus I	(FS)	4
___BIO 406-Biostatistics	(F)	3
___PHA 201-Physics I	(F)	4

Science Experience-3 semester hours

<u>Take one class:</u>		
___SCI 102-Biological Science	(FS)	3
___SCI 103-Astronomy	(FS)	3
___SCI 105-Intro to Geology	(S)	3
___SCI 107-Environmental Science	(F)	3
___SCI 111-Intro to Chemistry	(F)	3
___SCI 112-Intro to Physics	(S)	3
___BIO 105-Human Biology	(S)	3
___BIO 111-Prin. of Bio:Molecules to Cells	(F)	3
___BIO 112-Prin. of Bio:Organisms to Ecosystems	(S)	3
___PHA 201-Physics I	(F)	4
___CEM 151-General Chemistry I	(F)	4

Creative Experience-3 Semester hours

<u>Take One Class:</u>		
___ART 105-Drawing Skills Lab	(S)	3
___ART 107-Visual Foundations	(FS)	3
___ART 200 level or above studio class		3
___ENG145-Intro to Creative Writing	(AA)	3
___ENG 245-Fiction Writing	(F)	3
___ENG 247-Poetry Writing	(S)	3
___MUS 110-College Choir (3x)	(FS)	1
___MUS 112-Women's Chorale(3x)	(FS)	1
___MUS 141-Class Piano I (3x)	(F)	1
___MUS 142-Class Piano II (3x)	(S)	1
___MUS 243-Guitar Techniques (3x)	(FS)	1
___THR 111-Acting	(FS)	3

Arts Exploration must be taken outside of the major. If one of these courses is required for your major, you must take a different course to satisfy the requirement.

Arts Exploration: Take One Class:

___ART 101-Image and Culture	(F)	3
___ENG 201-Texts and Culture	(FS)	3
___MUS 120-Music and Culture	(FS)	3
___THR 106-Theatre and Culture	(FS)	3

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MAJOR COURSES (36-37 semester hours)

Complete each of the following (33 semester hours):

___BIO 105 Human Biology	(S)	3
___BIO 111-Principles of Biology - Molecules to Cells	(F)	3
___BIO 112-Principles of Biology - Organisms to Ecosystems	(S)	3
___BIO 208 General Ecology	(F)	3
___IDS 251-Nature, Tech. & Humanity	(FS)	3
___SCI 103-Introductory Astronomy	(FS)	3
___SCI 105-Introductory Geology	(S)	3
___SCI 107-Environmental Science	(F,S-even)	3
___SCI 111-Introduction to Chemistry	(F)	3
___SCI 112-Introduction to Physics	(S,ILT)	3
___SCI 201-Intro. to Physical Geography	(S)	3

Complete one of the following (3-4 semester hours):

___BIO 150* Introductory Zoology	(S)	4
* SCI 102, or BIO 111 or 112		
___BIO 160* Introductory Botany	(F-even)	4
* SCI 102 or BIO 111 or 112		
___BIO 210* Entomology	(F-odd)	3
* SCI 102 or BIO 112 or instructor permission		
___BIO 216-Ornithology	(F-even, Summer)	3
___BIO 305-Ethology	(I)	3
___BIO 313* Plant Ecology	(F-odd)	3
* BIO 111 or 112 or SCI 102 or inst. perm.		

Education Courses

___ED 201-Foundations of American Education DW	(FS)	2
___ED 202-Psychology of Human Development and Learning	(FS)	2
___ED 203-Education of the Exceptional Learner	(FS)	2
___ED 300*Methods of Teaching Reading in the Elementary School	(F)	3
*ED 201,202,&203		
___ED 301*Individual Reading Instruction in the Elementary School	(S)	3
*ED 300		
___ED 310 *Technology in the Classroom	(S)	1
(for students entering Fall 03 forward)		
*ED201,202, & 203		
___ED 322-Methods of Teaching Hand-on Science in the Elementary School	(S)	2
___ED 401* Elementary Methods SL	(FS)	3
Senior standing and must be taken one semester prior to student teaching		
___ED 407*Observation and Directed Teaching in the Elementary School SE	(FS)	14
*must pass basic skills test, have completed all coursework and have a 2.5 GPA		

CLASSES ARE SUBJECT TO CHANGE

Complete a minor that is approved for elementary education.