

Student Name _____

ID Number _____

BS	<input type="checkbox"/>
BA	<input type="checkbox"/>

BACHELOR OF SCIENCE/ARTS in EARTH SCIENCE with SECONDARY CERTIFICATION 2009-2010

GENERAL EDUCATION CORE				
SKILLS COMPONENT	REQ	DONE	GRADE	NEED
ENGL 101/102	6			
ENGL 109				
COMM 101, 202, 203, 204, 205	3			
MATH 143 & 144 OR	5			
MATH 147				
HUMANITIES one Lit and one Art course (6 cr. required)				
ENGL 150, ENGL 257, ENGL 258, HUM 301	3			
ART 100, HUM 101, HUM 150, MUS 101, THEA	3			
NATURAL SCIENCES two courses required (7 cr. required)				
NS 150	3			
CHEM 111	4			
SOCIAL SCIENCE three courses required (9 cr. required)				
GEOG 102	3			
PSYC 205	3			
<i>and one of the following:</i>				
ANTH 102, 120, 170	3			
ECON 101, 102, 201, 202				
HIST 101, 102, 111, 112				
HRPT 184, 185				
PHIL 120				
POLS 101, 285				
PSYC 101				
SOC 101, 102				
SS 150, 184, 185				
INTEGRATIVE COMPONENT one course required				
ID, HUM, NS, SS 350	3			
ID, HUM, NS, SS 351				
TOTAL	39			
FOREIGN/HERITAGE LANGUAGE				
101	4			
102				
201	0			
202	0			
TOTAL	8			
SUMMARY				
GENERAL EDUCATION CORE	39			
ELECTIVES	0			
LANGUAGE	8			
NATURAL SCIENCE PROGRAM	52			
SECONDARY EDUCATION	33			
TOTAL	132			

128 Total Credits (minus remedial):
36 Upper Div. Credits:
32 Resident Credits (LCSC):

See Catalog section "Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

Additional requirements must be met for teacher certification. See your Education Division advisor for details.

NOTES, COMMENTS, SUBSTITUTIONS, WAIVERS
Beginning Fall 2009, ED 327 will be replaced with ED 318 & ED 321 and SE 407 will be replaced with SE 322.
Please see your advisor for assistance.
NATURAL SCIENCES:

Advisor (printed)	Advisor's Signature	Date
Division Chair	Division Chair's Signature	Date
EDUCATION:		
Advisor (printed)	Advisor's Signature	Date
Division Chair	Division Chair's Signature	Date

EARTH SCIENCE PROGRAM				
PROGRAM REQUIREMENTS	REQ	DONE	GRADE	NEED
CHEM 111 Principles of Chemistry I				Counted in core
CHEM 112 Principles of Chemistry II	4			
GEOL 120 Introduction to Earth Systems	4			
GEOL 100 Environmental Earth Science	4			
GEOL 102 Historical Geology	4			
GEOL 313 Earth Materials I	4			
GEOL 314 Earth Materials II	4			
GEOL 450 Earth Systems Capstone	3			
MATH 143/144 College Algebra/Trigonometry				Counted in core
or MATH 147 PreCalculus				
MATH 170 Calculus I	4			
NS 380 Senior Seminar	1			
PHYS 205 Descriptive Astronomy	4			
PHYS 111 or 211 ... Physics I	4			
PHYS 112 or 212 ... Physics II	4			
SELECTIVES: Any GEOL or GIS courses numbered 200 or higher				
GEOL	8			
GEOL				
GEOL				
GEOL				
TOTAL	52			

SECONDARY EDUCATION CERTIFICATION REQUIREMENTS				
<i>Application for admission to the Teacher Education Program is required after successful completion of Phase I courses.</i>				
PHASE I - Professional Foundations of Education				
ED 214 Princ of Educ/Field Experience	3			
ED 327 Theories of Learning:Instr. & Assessmt	3			see note
PHASE II - Professional Studies in Education				
RE 422 Reading in the Content Area	3			
ED 453 Media & Tech for Tchg 6-12	3			
ED 454 Professional Teaching Strategies	3			
ED 456 Content Methods	2			
ED 329 Culturally Responsive Classroom	1			
PHASE III - Professional Internship (taken as your final semester)				
ED 452 Internship Seminar	1			
ED 460 Professional Internship in Educ 6-12	12			
SE 407 Adaptive Teaching	2			see note
Subtotal Credits - Secondary Ed Certification	33			
TOTAL CREDITS - Earth Sci Major w/Sec Ed Cert	85			

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or Professional Foundations course. No grade lower than a "B-" will be accepted in any Professional Studies or Professional Internship secondary ed

A minimum cumulative GPA of 2.75 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)