

**Missouri State University - College of Natural and Applied Sciences
Department of Geography, Geology, and Planning**

**Earth Science Education B.S. in Education Updated July 2009
Unified Science--Earth Science Emphasis**

This is a model four year graduation plan. Your path to graduation may vary slightly based on factors such as college credit you earned while in high school, your choice of general education electives, and placement in English and Mathematics.

This degree program can be completed in eight semesters plus two summers.

First Semester (Fall)	Hrs	Second Semester (Spring)	Hrs
IDS 110 Intro to Univ Life	1	COM 115 Public Speaking or ENG 110 Writing I	3
ENG 110 Writing I or COM 115 Public Speaking	3	PLS 101 American Democracy & Citizenship	3
CSC/CIS 101 (or CSC 111) Computers	2	MTH 135 College Algebra*	3
PED 100 Fitness for Living	2	General Education - Culture & Society	3
GLG 110 Principles of Geology	4	BIO 122 General Biology II	4
BIO 121 General Biology I	4		
Total Hours	16	Total Hours	16
Third Semester (Fall)	Hrs	Fourth Semester (Spring)	Hrs
EDC 150 Introduction to Teaching	1	SEC 302 General Methods of Instructions	4
SCI 214 Intro to Science Teaching	1	CHM 170 + 175 General Chemistry II (+ Lab)	5
PSY 121 Introductory Psychology	3	HST 121 or 122 US History	3
MTH 181 Trigonometry*	3	GRY 135 Atmospheric Science	4
GLG 314 Historical Geology	5		
CHM 160 General Chemistry I	4		
Total Hours	17	Total Hours	16
		May Intersession (before or after junior year)	Hrs
		GLG 412 Field Geology of Mid-Continent	4
		Total Hours	4
		Summer Session Before Junior Year	Hrs
		General Education - Self Understanding	3
		Total Hours	3
Fifth Semester (Fall)	Hrs	Sixth Semester (Spring)	Hrs
PHY 123 Introduction to Physics I	4	PHY 124 Introduction to Physics II	4
GRY 348 Geomorphology	3	GLG 318 Oceanography	3
GLG 358 (or equivalent) Writing II	3	SCI 314 Tech. for Sci Laboratory Teaching	3
PSY 360 Educational Psychology	3	SCI 505 Intellectual Foundations of Sci & Tech	3
EDC 350 School and Society	3	IMT 365 Instructional App of Tech/Media	3
Total Hours	16	Total Hours	16
		Summer Session Before Senior Year	Hrs
		General Education - Self Understanding	3
		General Education - Culture & Society	3
		Total Hours	6
Seventh Semester (Fall)	Hrs	Eighth Semester (Spring)	Hrs
AST 115 Basic Astronomy	4	SCI 493 Supervised Teaching I	6
GRY 351 Conservation of Nat. Resources	3	SCI 494 Supervised Teaching II	6
GLG Elective	3		
SCI 414 Teaching Secondary Natural Science	3		
SPE 340 Edud. Alt. for Exceptional Students	2		
RDG 474 Reading & Writing in Content Fields	2		
Total Hours	17	Total Hours	12

GPA Requirements: 2.50 GPA on all courses attempted at all colleges attended; at least a 2.50 GPA in the certificate subject area (major field of study); at least a 2.50 GPA in any additional certificate subject area; at least a 2.50 GPA in the professional educational courses; and no grade lower than a "C" in all professional education courses.

Other Requirements Include: CBASE score of 265 or higher or completion of waiver contract to continue in BSED program beyond SEC 302 and for graduation; Praxis II exam must be taken prior to Supervised Teaching semester; must meet all

* MTH 138 (5), Pre-Calculus Mathematics, can replace both MTH 135 (3) and MTH 181 (3).

Disclaimer: This model is based on courses offered in Spring 2009 and planned for Fall 2009. Degree requirements and course scheduling are subject to change. The only official source for the requirements for this degree is the current edition of the Missouri State University Undergraduate Catalog.