

I. Core Curriculum Requirements: Either Geology 1101, 1102, OR 1103; Biology 1101, 1102; Chemistry 1101, 1102 or Physics 1103, 1104 will count toward science requirement. Math 1110 will count toward math requirement. **44**

II. **PROFESSIONAL EDUCATION REQUIREMENTS**

CI/SPE 2800 (W,C) _____ (3) Teachers, Schools & Learners FDN 3800 (CD) _____ (3) Found. Amer. Ed.
CI/FDN/RE 3850 (C) _____ (3) Literacy, Tech. & Inst. PSY 3000 (MC, CD) _____ (3) Educ. Psy.
CI 4900 _____ (12) Student Teaching

A 2.00 IS REQUIRED IN ALL PROFESSIONAL EDUCATION COURSES. **24**

NOTE: To be admitted to the Teacher Education Program students must take and satisfy testing requirements for Reading, Writing and Math areas of the PRAXIS (PPST or CBT). Note, however, that Professional Knowledge and the Area Exam are required for licensure. Only CI/SPE 2800 and PSY 3000 may be taken prior to formal admissions into the Teacher Education Program.

PROFICIENCIES: Reading _____ English _____ Speech _____

III. **GEOLOGY:** Note: A 2.0 average must be maintained in the major. (All courses in section III.)

1101 (ND) OR 1510 (W, ND) _____
1102 (CD, ND) OR 1511 (W, ND) _____
1103 (ND) _____
2007 _____
2015 _____
2024 _____
2850 _____
3333 (W, ND) _____
3480 (W) _____
3520 (S) (2 s.h.) _____
And 3 s.h. Geology Elective _____

At least 12 s.h. selected from the following four courses:
CHE 1101 (ND) _____ CHE 1102 (ND) _____
PHY 1103 (W, ND) _____ PHY 1104 (W, ND) _____

ALSO REQUIRED: C I 3090 _____ RE 4630 _____

ASTRONOMY 1001 (ND) _____ 1002 (ND) _____
BIOLOGY 1110 OR BIO 1101 (ND) & 1102 (ND) _____
GHY 3100 _____ 3110 _____
MAT 1110 (ND) _____

<p><u>Major Designators</u> 2 Writing (W) _____ 1 Speaking (S) _____ Communication Proficiency _____ <u>Other Designators</u> 4 Writing (W) _____ (ENG 1000/1100 will count as 2 W) 4 Multi Cultural (MC) _____ (HIS 1101/1102 will count as 2 MC) 1 Cross Disciplinary (CD) _____ 2 Numerical Data (ND) _____ 2 Computer (C) _____</p>

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IV. Minor (optional)

V. Free electives to total a minimum of 122 s.h. (2s.h. of free electives must be outside the major discipline.) **10**

Total	134
Minus hours double counted in core	-12
Total hours must equal	124

GOALS AND OBJECTIVES OF THE GEOLOGY DEPARTMENT, INCLUDING THOSE IMPORTANT TO MAJORS SEEKING THE B.S. DEGREE IN GEOLOGY WITH TEACHER LICENSURE, ARE: (1) To provide all students with the opportunity to learn about the nature of science and basic scientific principles through the study of geology. (2) To introduce students to the many ways in which geology is interwoven into the fabric of modern civilization. (3) To provide students with an understanding of the interrelationships of the basic parts of Earth Systems. (4) To provide students who seek a career in geology with the sound background requisite for productive work in the profession and in graduate studies. (5) To provide present and future teachers with the knowledge and methods necessary for competent instruction in the earth and environmental sciences. (6) To provide members of the public with the opportunity to gain a better understanding of the Earth Systems of which they are a part.