



**B.S. Geology: Earth/Space Science Secondary Teaching**  
**Lake Superior State University**  
**Degree Audit Sheet (DH endorsement) Effective Fall 2008**

Name \_\_\_\_\_ ID# \_\_\_\_\_ Advisor \_\_\_\_\_

**Expected Date of Graduation** \_\_\_\_\_ **Departmental Approval** \_\_\_\_\_

*Enter semester (i.e. F08) and grade (i.e. B) for each class at LSSU, for transfer credits enter BOTH: 'TR' and the grade. The Certification GPA for the E/S major and PES will include all grades from all institutions.*

**Earth/Space Science Major**

[min. grade=C, min. GPA=2.70, credit=57 max]

- GEOL121 Physical Hist Geology I 4 \_\_\_\_\_
- GEOL122 Physical Hist Geology II 4 \_\_\_\_\_
- GEOL218 Structural Geol Tectonics 5 \_\_\_\_\_
- GEOL223 Mineralogy Petrology 5 \_\_\_\_\_
- GEOL280 Intro Field Geology 3 \_\_\_\_\_
- GEOL315 Geoenvironmental Systems 5 \_\_\_\_\_
- GEOL318 Geotectonic Systems 5 \_\_\_\_\_
- GEOL445 Carbonate Systems 5 \_\_\_\_\_
- NSCI116 Oceanography 4 \_\_\_\_\_
- NSCI119 Astronomy 4 \_\_\_\_\_
- GEOG108 Phys Geog: Meteorology 4 \_\_\_\_\_
- Complete one methods course from following two:*
- EDUC443 Second Meth Science 3 \_\_\_\_\_
- EDUC453 Ind Study Science Methods \_\_\_\_\_
- MATH207 Principles Statistics 3 \_\_\_\_\_
- MATH111 College Algebra 3 \_\_\_\_\_
- (math is required based on program standards)**

- EDUC 250 Student Div. & Schools (3) \_\_\_\_\_
- Must be Admit. to Ed. Prior to 301. - Date of admission:*
- EDUC 301 Learn. Theory Teach. Prac. (4) \_\_\_\_\_
- EDUC 430 Gen. Meth. Sec. Teac. (3) \_\_\_\_\_
- EDUC 431 The Secondary Learner (3) \_\_\_\_\_
- EDUC 440 Reading Content Area (3) \_\_\_\_\_

*\*Complete one methods course from following two:*

- EDUC443 Second Meth Science 3 \_\_\_\_\_
- EDUC453 Ind Study Science Methods \_\_\_\_\_
- Admission to Student Teaching required for following:*
- EDUC 480 Intern Teaching: Seminar (1) \_\_\_\_\_
- EDUC 492 Intern/Adv Meth: [subject] (8) \_\_\_\_\_

*Select one of the following two classes:*

- EDUC 602 Reflect Inq Teach. Practice I <OR> \_\_\_\_\_
- EDUC 605 Integ Appr Curr Desig Impl (3) \_\_\_\_\_

**Education Cognates (7 credits)**

- CSCI 101 Intro Computer Sci (3) \_\_\_\_\_
- MATH207 Princ Statistical Method (3) \_\_\_\_\_
- Minimum of one credit from courses in*
- ARTS, DANC, MUSC, THEA, or NATV240

**General Education Requirements (36-42)**

Check if MACRAO or GE-Cert completed

- ENGL110 First year composition I 3 \_\_\_\_\_
- ENGL111 First year composition II 3 \_\_\_\_\_
- COMM101 Fundamentals Speech 3 \_\_\_\_\_
- HUMN251 Humanities I 4 \_\_\_\_\_
- \*HUMN electiv 3-4 (e.g. ARTS251) \_\_\_\_\_
- Social Science elective 3-4 \_\_\_\_\_
- Social Science elective 3-4 \_\_\_\_\_
- \*Natural Sci elect 4 (e.g. GEOL121) \_\_\_\_\_
- \*Natural Sci elect 4 (e.g. NSCI119) \_\_\_\_\_
- \*Math elec 3-5 (e.g. MATH207) \_\_\_\_\_
- \*Diversity elec 3-4 (e.g. EDUC250) \_\_\_\_\_

**An approved teaching minor is required; attach separate audit sheet. [min GPA=2.70, min grade=C]**

**List minor name and minor GPA:**

**Graduation Criteria include:**

- Residency: 50% of 300/400 courses earned at LSSU
- Total credits in excess of 124, one minor required
- GPA OVERALL & in major minimum of 2.70 (B-)
- No courses in major below a "C" (2.00)
- No education course below "B-" (2.70) in PES

Courses from cognates or general education may be used to fulfill requirements of minors or PES.

**Certification requires a passing grade on the MTTC Earth/Space Science exam (test #020)**

**Professional Education Sequence [PES]**

[min. grade = B- incl. transfer; max cr = 34]

- EDUC150 Reflec. on Teach./Learn. (3) \_\_\_\_\_

Education \_\_\_\_\_ signed copy for Educ. Cert. file

Office use: Dean \_\_\_\_\_

Need help w/ GPA? Use the LSSU Online GPA Calculator at <http://www.lssu.edu/registrar/gpacalc.php>