



**B.S. Integrated Science Secondary Teaching Major**  
**Lake Superior State University**  
**Degree Audit Sheet (DI endorsement): Effective Fall 2008**

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

Expected Date of Graduation \_\_\_\_\_ Chemistry Dept. 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 major and PES will include all grades from all institutions.*

**Sec. Integ Science Major Sem/Grade**  
**[min grade=C; min GPA=2.70, max cr=74]**

- \*BIOL122 Human Anat Phys 4 \_\_\_\_\_
  - BIOL131 General Biology I 4 \_\_\_\_\_
  - BIOL 132 General Biology II 4 \_\_\_\_\_
  - BIOL 220 Genetics 4 \_\_\_\_\_
  - BIOL 240 Nat. History Vert 4 \_\_\_\_\_
  - BIOL 337 General Ecology 3 \_\_\_\_\_
  - CHEM 115 General Chem I 5 \_\_\_\_\_
  - CHEM 116 General Chem II 4 \_\_\_\_\_
  - CHEM 105 Life Chemistry I 4 \_\_\_\_\_
  - CHEM 231 Quant analysis 4 \_\_\_\_\_
  - CHEM 332 Instrum Analysis 4 \_\_\_\_\_
  - GEOL 121 Phys Hist Geol I 4 \_\_\_\_\_
  - GEOL 122 Phys Hist Geol II 4 \_\_\_\_\_
  - NSCI 116 Oceanography 4 \_\_\_\_\_
  - NSCI 119 Astronomy 4 \_\_\_\_\_
  - GEOG 108 Meteor Climatol 4 \_\_\_\_\_
  - PHYS 221 Elem Physics I 4 \_\_\_\_\_
  - PHYS 222 Elem Physics II 4 \_\_\_\_\_
- Complete one methods course from following two:*
- EDUC443 Second Meth Science 3 \_\_\_\_\_
  - EDUC453 Ind Study Science Methods \_\_\_\_\_

\*Diversity elec. 3-4 (e.g. EDUC250) \_\_\_\_\_

**Professional Education Sequence [PES]**  
**[min. grade = B- incl. transfers; max cr = 41]**

- EDUC150 Reflect Teaching & Learning 3 \_\_\_\_\_
  - EDUC250 Student Diversity & Schools 3 \_\_\_\_\_
- Must be Admit. to Ed. Prior to 301. - Date of admission:*
- EDUC301 Learning The Teach Practice 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:*
- EDUC480 Intern Teaching:Seminar (1) \_\_\_\_\_
  - EDUC492 Intern/Adv Meth: [subject] (8) \_\_\_\_\_
- Select one of the following two classes:*
- EDUC602 Reflect Inq Teach. Practice I <OR> \_\_\_\_\_
  - EDUC605 Integ Appr Curr Desig Implem (3) \_\_\_\_\_
- Education Cognates (min. 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*

**Departmental Requirements (14 credits)**

- MATH207 Princ. Stat Meth 3 \_\_\_\_\_
- MATH 112 Calculus Business Life or  
MATH151 Calculus I 4 \_\_\_\_\_
- CHEM 395 Junior Seminar 1 \_\_\_\_\_
- CHEM 499 Senior Thesis 2 \_\_\_\_\_
- BIOL 121 (prerequisite to 122) \_\_\_\_\_

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

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

- Check if MACRAO or GE-Cert completed*
- ENGL110 First year comp.I 3 \_\_\_\_\_
- ENGL111 First year comp. II 3 \_\_\_\_\_
- COMM101 Fund. Speech 3 \_\_\_\_\_
- HUMN251 Humanities I 4 \_\_\_\_\_
- \*HUMN electives 3-4 (e.g. ARTS251) \_\_\_\_\_
- Social Science elec. 3-4 \_\_\_\_\_
- Social Science elective 3-4 \_\_\_\_\_
- \*Natural Sci. elective 4 (e.g. BIOL131) \_\_\_\_\_
- \*Natural Sci. elec. 4 (e.g. NSCI102) \_\_\_\_\_
- \*Math elec. 3-5 (e.g. MATH207) \_\_\_\_\_

**Graduation Criteria include:**

- Residency: 50% of 300/400 courses earned at LSSU
  - Total credits in excess of 124
  - This program does not require a minor**
  - GPA OVERALL & major & PES a minimum of 2.70 (B-)
  - No courses in major below "C" (2.00)
  - No education course below "B-" (2.70)
- Courses from cognates or general education may be used to fulfill other requirements.

**Certification requires a passing grade on the MTTC Integrated Science (Secondary) exam (test #094)**

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

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