



B.S. Integrated Science Secondary Teaching Major
Lake Superior State University Degree Audit Sheet (DI endorsement)

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 _____

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) _____

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) _____
- *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. 4 credits)

- MATH207 Princ Statistical Method (3) _____
- *Minimum of one credit from courses in
ARTS, DANC, MUSC, THEA, or NATV240

Need help w/ GPA? Use the LSSU Online GPA Calculator at

<http://www.lssu.edu/registrar/gpacalc.php>

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 _____