



**B.S. Physical Science Secondary Teaching**  
**Lake Superior State University**  
**Degree Audit Sheet (DP endorsement – both options shown)**

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

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

**SELECT Option A or B and all of section C**

**A: Comprehensive Physical Science Major**  
(no minor required) 54 credits

[min. grade=C, min. GPA=2.70, max credit=54]

CH115 Gen Chemistry I	5	_____
CH116 Gen Chemistry II	4	_____
CH225 Organic Chemistry I	4	_____
CH226 Organic Chemistry II	4	_____
CH231 Quant Analysis	4	_____
CH332 Instrumental Analysis	4	_____
CH361 Physical Chemistry I	4	_____
CH362 Physical Chemistry II	3	_____
CH462 Adv. Inorg/PChem Lab	1	_____
CH451 Biochemistry I	4	_____
Chemistry electives	3	_____
PH221 Principles Physics I	4	_____
PH222 Principles Physics II	4	_____
Physics electives	3	_____

Complete one methods course from following two:

- EDUC443 Second Meth Science 3 \_\_\_\_\_
- EDUC453 Ind Study Science Methods \_\_\_\_\_

**B: Group Physical Science Major**  
(minor is required) 40 credits

[min. grade=C, min. GPA=2.70, max credit=40]

CH115 Gen Chemistry I	5	_____
CH116 Gen Chemistry II	4	_____
CH105 Life Chem II	4	_____
CH231 Quant Analysis	4	_____
CH332 Instrumental Analysis	4	_____
CH361 Physical Chemistry I	4	_____
CH362 Physical Chemistry II	3	_____
CH462 Adv. Inorg/PChem Lab	1	_____
PH221 Principles Physics I	4	_____
PH222 Principles Physics II	4	_____

Complete one methods course from following two:

- EDUC443 Second Meth Science 3 \_\_\_\_\_
- EDUC453 Ind Study Science Methods \_\_\_\_\_

Attach audit for Minor: \_\_\_\_\_

**C: Complete all courses below**  
**Department Cognates (14 credits)**

EV395 Junior Seminar	1	_____
EV499 Senior Seminar	2	_____
MA151 Calculus I	4	_____
MA152 Calculus II	4	_____

MA207 Statistics 3 \_\_\_\_\_

**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 electives 3-4	_____	_____
Social Science elective 3-4	_____	_____
Social Science elective 3-4	_____	_____
*Natural Science elective 4	_____	_____
*Natural Science elective 4	_____	_____
*Math elective 3-5	_____	_____
*Diversity elective 3-4	_____	_____

**Professional Education Req. (34 credits)**

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

EDUC150 Reflec. on Teach./Learn.	(3)	_____
EDUC 250 Student Div. & Schools	(3)	_____
EDUC 301 Learn. The. 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 \_\_\_\_\_

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 (min. 4 credits)**

\*MATH207 Princ Statistical Method (3) \_\_\_\_\_

\*Minimum of one credit from courses in ARTS, DANC, MUSC, THEA, or NATV240 \_\_\_\_\_

**Electives to total at least 124 credits**

**Office Use Only:**

- GPA in major/minor 2.70 (B-) average
- GPA in education courses 2.70 (B-) average
- No courses in major/minor below 2.00 (C)
- No education course below 2.70 (B-)

Courses from cognates or general education may be used to fulfill requirements of minor

\_\_\_\_\_  
 \_\_\_\_\_ School of Education  
 \_\_\_\_\_ Dean