

B.S. Chemistry Secondary Teaching (DC endorsement) Effective Fall 2012

Name _____ ID# _____ Advisor _____ Edu. Advisor _____
 Expected Date of Graduation _____ Chair Approval _____ Edu. 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 CHEM major and PES will include all grades from all institutions.

Chemistry Requirements Grade/Sem.

[min. grade=C, min. GPA=2.70, credit=44]

- CHEM115 General Chemistry I 5 _____
- CHEM116 General Chemistry II 5 _____
- CHEM225 Organic Chemistry I 4 _____
- CHEM226 Organic Chemistry II 4 _____
- CHEM231 Quantitative Analysis 4 _____
- CHEM251 Intro Biochemistry 4 _____
- CHEM261 Inorganic Chemistry 4 _____
- CHEM332 Instrumental Analysis 4 _____
- CHEM361 Physical Chemistry I 4 _____
- CHEM362 Physical Chemistry II 3 _____
- CHEM363 Physical Chem. Lab 1 _____
- CHEM395 Junior Seminar 1 _____
- CHEM499 Senior Seminar 1 _____

For American Chemical Society certified degree, additionally required (total lab hours must be at least 400 hrs.) See Chair for special rules regarding ACS certification.

- CHEM 3XX or higher elective (min. 3 cr) _____
- CHEM495 Senior Project 2 _____

Complete one methods course from following two:

- EDUC443 Second Meth Science 3 _____
- EDUC453 Ind Study Sci. Methods 3 _____

Support Courses (19)

- 2 semesters of college Physics (8) _____
- MATH207 Princ Statistics 3 _____
- Or
- BUSN211 Bus. Stats. 3 _____
- MATH151 Calculus I 4 _____
- MATH152 Calculus II 4 _____

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 _____
- *Diversity elec 3-4 (e.g. EDUC250) _____
- *Natural Sci elect 4 (e.g. CHEM115) _____
- *Natural Sci elect 4 (e.g. PHYS221) _____
- *Math elec 3-5 (e.g. MATH151) _____

Professional Education Sequence [PES]

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

- EDUC150 Reflec. on Teach./Learn. (3) _____
- 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 3 _____

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 (4 credits)

MATH207 Princ Statistical Method (3)

Minimum of one credit from courses in (1)

ARTS, DANC, MUSC, THEA, or NATV240 _____

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 Chemistry exam (test #018)**

Education _____ signed copy for Educ. Cert. file

Office use: Dean _____