

## B.S. Chemistry Secondary Teaching (DC endorsement) (ACS Option) Effective Fall 2018

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

Expected Date of Graduation \_\_\_\_\_ Advisor Review \_\_\_\_\_

*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)

PHYS221 or PHYS231 4 \_\_\_\_\_  
 PHYS222 or PHYS232 4 \_\_\_\_\_  
 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 \_\_\_\_\_  
 Communication (COMM101 rec) 3 \_\_\_\_\_  
 Humanities elective 3-4 \_\_\_\_\_  
 Humanities elective 3-4 \_\_\_\_\_  
 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] Grade/sem

[min. grade = B- incl. transfer; max cr = 35]

EDUC250 Student Div. & Schools 3 \_\_\_\_\_  
 EDUC301 Learn. Theory Teach. Prac. 4 \_\_\_\_\_

*Admission to Teacher Education required to Continue*

EDUC350 Integrating Tech Learning 3 \_\_\_\_\_  
 EDSE301 Intro to Special Education 3 \_\_\_\_\_  
 EDUC415 Gen. Instructional Methods 2 \_\_\_\_\_  
 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 2 \_\_\_\_\_  
 EDUC 492 Directed Teaching 10 \_\_\_\_\_

### Education Cognates (3 credits)

MATH207 Princ Statistical Method 3 \_\_\_\_\_  
 EDUC101 Self as Learner 1 \_\_\_\_\_

### Minor

An approved teaching minor is recommended, but not required. Indicate choice below:

- Teaching minor:** \_\_\_\_\_  
 (attach minor audit sheet, 2.7 GPA min, min grade of C)
- Non-teaching minor:** \_\_\_\_\_  
 (attach minor audit sheet)
- No minor**

### Graduation Criteria include:

- Residency: 50% of 300/400 courses earned at LSSU  
 Total credits in excess of 124  
 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

### Certification requires a passing grade on the MTTC Chemistry exam (test #018)

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

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