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

Name________________________ ID#____________________ Advisor__________________

**Expected Date of Graduation**

Advisor Review

Enter semester (e.g. F17) and grade (e.g. 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 Major Requirements Grade/Sem.
- **CHEM115 General Chemistry I** 5
- **CHEM116 General Chemistry II** 5
- **CHEM225 Organic Chemistry I** 4
- **CHEM231 Quantitative Analysis** 4
- **CHEM261 Inorganic Chemistry** 4
- **CHEM326 Organic Chemistry II** 4
- **CHEM332 Instrumental Analysis** 4
- **CHEM351 Intro Biochemistry** 4
- **CHEM361 Physical Chemistry I** 4
- **CHEM362 Physical Chemistry II** 3
- **CHEM363 Physical Chem. Lab** 1
- **CHEM395 Junior Seminar 1**
- **CHEM499 Senior Seminar 1**

*Natural Sci elect 4 (e.g. PHYS221) ___
*Math elect 3-5 (e.g. MATH151) ___

### Professional Education Sequence [PES] Grade/Sem.
- **EDUC250 Student Div. & Schools** 4
- **EDUC301 Educ Psych Learning Theory** 3

*Admission to Teacher Education required to continue:
- **EDUC350 Integrating Tech Learning** 3
- **EDSE301 Intro to Special Education** 3
- **EDUC415 Gen Instructional Methods** 2
- **EDUC440 Reading Content Area** 3

*Complete one methods course from following two:
- **EDUC443 Second Methods Science** 3
- **EDUC453 Dir Study Science Methods** 3
- **EDUC460 Classroom Management** 2

*Admission to Student Teaching required for following:
- **EDUC480 Directed Teaching: Seminar** 2
- **EDUC492 Directed Teaching** 10

### Education Cognate (4 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

### Support Courses (19)
- **PHYS221 or PHYS231** 4
- **PHYS222 or PHYS232** 4
- **MATH207 Princ Statistics 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
- **Social Science elective** 3-4
- **Diversity elec 3-4 (e.g. EDUC250)**
- **Natural Sci elect 4 (e.g. CHEM115)**

* indicates electives met by program requirements

**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 Dean________________________

Effective: Fall 2018 v2