

American Chemical Society Degree Certification Checklist

Name: _____ (First, I, Last) Advisor: _____ LSSU ID _____

Mailing Address _____

Month/Year of degree _____

Ethnicity (check one): African American Asian American Native American
 Hispanic American White Non-Hispanic Non-U.S. Citizen

Note: This checklist should be filled out in consultation with your advisor and is meant as a helpful guide not as a replacement for an official degree audit. This checklist only details the specific requirements needed to qualify for an American Chemical Society certified degree. Specific degree tracks (i.e. Chem. B.S., Chem. B.A., Forensic Chem., Env. Chem, etc. as outlined in the university catalog have additional requirements that must be met for graduation. Please submit a copy of this checklist and your unofficial transcript to both your advisor and the chemistry department chair in the semester you plan on graduating. In the semester following your graduation, the department chair will submit this information to ACS, and if you qualify, you will be awarded ACS certification.

Introductory Chemistry	Semester	Grade	(Notes)
CHEM115 General Chemistry I (4,3) 5	_____	_____	
CHEM116 General Chemistry II (3,3) 4	_____	_____	
Foundations Courses	Circle labs completed		
Analytical Chemistry			
CHEM231 Quantitative Analysis (3,3) 4	Lab hrs = 42	_____	_____
Biochemistry			
CHEM451 Intro. Biochemistry I (3,3) 4	Lab hrs = 42	_____	_____
Inorganic Chemistry			
CHEM461 Advanced Inorganic (3,0) 3	Lab hrs = 0	_____	_____
Organic Chemistry			
CHEM225 Organic Chemistry I (3,3) 4	Lab hrs = 42	_____	_____
Physical Chemistry			
CHEM361 Physical Chemistry I (4,0) 4	Lab hrs = 0	_____	_____
In-depth Courses (12 credits minimum, at least 4 one semester courses)			
CHEM226 Organic Chemistry II (3,3) 4	Lab hrs = 42	_____	_____
CHEM332 Instrumental Analysis (3,3) 4	Lab hrs = 42	_____	_____
CHEM341 Env. Chem. I: Water (3,3) 4	Lab hrs = 42	_____	_____
CHEM342 Env. Chem II: Air (3,3) 4	Lab hrs = 42	_____	_____
CHEM353 Intro. Toxicology (3,0) 3	Lab hrs = 0	_____	_____
CHEM362 Physical Chemistry II (3,3) 4	Lab hrs = 42	_____	_____
CHEM445 Forensic Science (3,3) 4	Lab hrs = 42	_____	_____
CHEM450 Laboratory Apprenticeship (0,3) 1	Lab hrs = 42	_____	_____
CHEM452 Biochemistry II (3,0) 3	Lab hrs = 0	_____	_____
CHEM461 Advanced Inorganic Lab (0,3) 1	Lab hrs = 42	_____	_____
CHEM495 Senior Project (0,3-9) 1-3	Lab hrs = 42-84 -128	_____	_____

Laboratory Experiences: A minimum of 400 laboratory hours are required (not including CHEM115/116). Circle the laboratory hours you completed and add together to provide your total lab time in courses and up to 180 hr of research: _____

Senior Project: Both CHEM 395 and CHEM 499 must be completed with a grade of C or better for ACS degree certification.

CHEM 395 (Junior Seminar) (0,2) 1 _____ CHEM 499 Senior Seminar (1,0) 1 _____

In addition, for the ACS degree, a comprehensive written report is required when research hours are used as part of the ACS degree. A maximum of 180 lab hrs and/or 4 credits can be earned in research. Attach a copy of the report and faculty evaluation.

Faculty Mentor approval (date and sign): _____

Cognates: (requires one year of calculus and one year of physics [calc-based preferred])

MATH151 Calculus I _____

PHYS231 App. Physics Sci/Eng I _____

MATH152 Calculus II _____

PHYS232 App. Physics Sci/Eng II _____ or

PHYS221 Elements of Physics I _____
PHYS222 Elements of Physics II _____