

LEE UNIVERSITY

BACHELOR OF SCIENCE IN CHEMISTRY, 6 – 12 LICENSURE

(Minimum 125 credit hours required)

This program requires a minimum 2.75 GPA overall, in English Composition, in the Specialty Area Requirements, and in the Professional Education / Professional Semester Requirements.

NAME _____

DATE ____/____/____

RELIGION CORE**DEVELOPING BIBLICAL FAITH/LIFESTYLE**

BIBL-110 Message of the New Testament (3) ()
 BIBL-111 Message of the Old Testament (3)..... ()
 THEO-230 Intro. to Theology (3)..... ()
 THEO-231 Intro. to Christian Ethics (3)..... ()
 Christian Service (80 clock hours)* ()

*Christian Service is not a course; the hours are earned by a combination of class, group, and individual service learning experiences.

SUBTOTAL (12 hours) _____

LEE UNIVERSITY FRESHMAN EXPERIENCE

LEEU-101 Freshman Seminar: Gateway (1) (Fall)..... ()
 LEEU-102A Global Perspectives Seminar (1) (Spring) ... ()
 LEEU-102B Foundations of Benevolence (1) (Spring) ()

SUBTOTAL (3 hours) _____

GENERAL EDUCATION CORE**ACQUIRING FUNDAMENTAL ACADEMIC SKILLS**

ENGL-105 (4) and ENGL-110 (3)..... () ()
 OR ENGL-106 (3) and ENGL-110 (3)
 OR ENGL-110 (3) [Depends on placement]

EXPLORING THE HUMANITIES

HUMN- 201 Foundations of Western Culture (3) ()

Two of the following (6)

HUMN-202 Rise of Europe (3) () ()
 HUMN-301 Foundations of Modern World (3)
 HUMN-302 Modern Western Culture (3)
 HIST-221 / 222 Western Civilization I, II (3) (3)
 ENGL-221 Western Lit: Ancient to Renaissance (3)
 ENGL-222 Western Lit: Enlightenment to Postmodern (3)

One of the following (3)

ARTS-244 / 245 Art History I, II (3) (3) ()
 MUHL-211 Music in Culture (3)
 PHIL-241 Introduction to Philosophy (3)
 THEA-201 Theatre in Culture (3)

UNDERSTANDING CONTEMPORARY SOCIETY

HIST-212 Recent American History (3)

OR

PLSC-250 American Government (3) ()

Two of the following (6)

PSYC-200 Understanding Human Behavior (3)..... () ()
 SOCI-200 Understanding Contemporary Society (3)
 ECON-200 Understanding Economic Issues (3)

SEEKING A GLOBAL PERSPECTIVE

GNST-250-253 Cross Cultural Experience (1-3)..... ()
 LING- 201 Intro Language and Culture (3)..... ()

SUBTOTAL (28/34 hours) _____

ACADEMIC ASSESSMENT

GNST-400 Academic Assessment (0) ()
 SMFT-CHY Major Field Test – Chemistry (0)..... ()

SPECIALTY AREA*

CHEM-111 General Chemistry I (4) ()
 CHEM-112 General Chemistry II (4) ()
 CHEM-281 Organic Chemistry I (3) ()
 CHEM-282 Organic Chemistry II (3) ()
 CHEM-289 Organic Chemistry Lab (3) ()
 CHEM-351 Quantitative Analysis (4) **OR**
 CHEM-352 Instr. Analysis:Spectr. I.D. (4)..... ()
 CHEM-431 Physical Chemistry I (3)..... ()
 CHEM-432 Physical Chemistry II (3)..... ()
 CHEM-438 Research Design (1)..... ()
 CHEM-439 Physical Chemistry Research (2) ()
 Chemistry Elective: Choose 3 hrs from Chemistry courses
 at the 300 level or above

SUBTOTAL (33 hours) _____

COLLATERAL REQUIREMENTS*

BIOL-495 Science and Scripture (3) ()
 MATH-161 Intro to Statistics (3) ()
 MATH-271 Calculus I (4)..... ()
 PHSC-112 Earth and Space Science (4) ()
 PHYS-281 General Physics I (4)..... ()
 PHYS-282 General Physics II (4)..... ()

SUBTOTAL (22 hours) _____

PROFESSIONAL

EDUC-199 Intro To The Teaching Profession (1) ()
 EDUC-299 Teaching Diverse Learners (1) ()
 EDUC-315 Foundations of Education (3) **OR**
 EDMG-315 Found. Middle Grades Educ (3) ()
 PSYC-312 Educational Psychology (3)..... ()
 SPED-316 Exceptional Child (3) ()
 SCED-340 Prin.Classroom Instr./Secondary (2) ()
 SCED-415 Teaching Science, Gr. 6 -12 (2)..... ()

SUBTOTAL (15 hours) _____

PROFESSIONAL SEMESTER

EDUC-496 Student Teaching I (5) ()
 EDUC-497 Student Teaching II (5) ()
 EDUC-498 Student Teaching Seminar (2)..... ()

SUBTOTAL (12 hours) _____

*** A grade of C- or above is required to fulfill the Specialty Area and Collateral Requirements in this major.**

SUGGESTED FOUR YEAR SEQUENCE OF STUDY FOR BACHELOR OF SCIENCE IN CHEMISTRY, 6 – 12 LICENSURE

(The 80-clock-hour Christian Service requirement is not listed, but is spread throughout the four years.)

FRESHMAN YEAR

<u>Course</u>	<u>Hours</u>
LEEU-101, 102A, 102B.....	3
College Writing/ Workshop	3/4
Rhetoric and Research	3
Message of New & Old Testament	6
Introduction to the Teaching Profession	1
General Chemistry	8
Language and Culture	3
Calculus 1	4
Intro to Statistics	3
Total	34/35

SOPHOMORE YEAR

<u>Course</u>	<u>Hours</u>
Intro. to Theology	3
Intro. to Christian Ethics.....	3
Foundations of Western Culture	3
Humanities Option	3
General Physics.....	8
Organic Chemistry	9
Contemporary Society Option 1	3
Total	32

JUNIOR YEAR

<u>Course</u>	<u>Hours</u>
Educational Psychology.....	3
Exceptional Child	3
Physical Chemistry	6
Humanities Options.....	6
Cross-Cultural Experience	1/3
Foundations of Education (or MG Foundations)	3
Teaching Diverse Learners	1
Quantitative Analysis OR Spect. I.D.	4
Earth and Space Science	4
Total	31/33

SENIOR YEAR

1ST SEMESTER

<u>Course</u>	<u>Hours</u>
Physical Chemistry Research	3
Principles Classroom Instruction/Secondary	2
Teaching Science, Grades 7-12	2
Chemistry Electives	3
Science and Scripture (Capstone)	3
U S History/Government Option.....	3
Contemporary Society Option 2.....	3
Total	19

2ND SEMESTER

<u>Course</u>	<u>Hours</u>
Student Teaching Seminar	2
Student Teaching I.....	5
Student Teaching II.....	5
Total	12