

LEE UNIVERSITY

BACHELOR OF SCIENCE IN CHEMISTRY, 6 – 12 LICENSURE

(Minimum 123 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, as well as a grade of C or above in all Professional Education courses.

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-201 Art in Culture (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*

CHYS-161 General Chemistry I (4) ()
 CHYS-162 General Chemistry II (4) ()
 CHYS-261 Organic Chemistry I (3) ()
 CHYS-262 Organic Chemistry II (3) ()
 CHYS-262L Organic Chemistry Lab I and II (2) ()
 CHYS-371 Quantitative Analysis (4) **OR**
 CHYS-372 Instr. Analysis: Spec. I.D. (4) ()
 CHYS-471 Survey of Physical Chemistry (3) ()
 CHYS-491 Research Design (1) ()
 CHYS-493 Chemistry Research & Defense (2) ()
 Chemistry Elective: Choose 3 hrs from CHYS courses
 at the 300 level or above
 _____ ()

SUBTOTAL (29 hours) _____

COLLATERAL REQUIREMENTS*

BIOS-495 Science and Scripture (3) ()
 GSCI-122 Earth and Space Science (4) ()
 MTHS-135 Intro to Statistics (3) ()
 MTHS-261 Calculus I (4) ()
 PHYS-261 General Physics I (4) ()
 PHYS-262 General Physics II (4) ()

SUBTOTAL (22 hours) _____

PROFESSIONAL

EDUC-199 Intro To The Teaching Profession (1) ()
 EDUC-299 Teaching Diverse Learners (2) ()
 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-416 Teaching Science, Grades 6 -12 (2) ()
 SCED-416L Methods Lab (1) ()

SUBTOTAL (17 hours) _____

PROFESSIONAL SEMESTER

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

SUBTOTAL (12 hours) _____

*** Department policy requires a grade of C or above to fulfill the Specialty Area and Collateral requirements.**

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

JUNIOR YEAR

<u>Course</u>	<u>Hours</u>
Educational Psychology.....	3
Exceptional Child.....	3
Survey of Physical Chemistry.....	3
Humanities Options.....	6
Cross-Cultural Experience.....	1/3
Foundations of Education (or MG Foundations)....	3
Teaching Diverse Learners.....	2
Quantitative Analysis OR Spect. I.D.....	4
Earth and Space Science.....	4
Research Design.....	1
Total	30/32

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

SENIOR YEAR

1ST SEMESTER

<u>Course</u>	<u>Hours</u>
Chemistry Research & Defense.....	2
Principles Classroom Instruction/Secondary.....	2
Teaching Science, Grades 6-12 and Lab.....	3
Chemistry Elective.....	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