Approved for 2015 – 2016

CHEMS.BS

LEE UNIVERSITY

BACHELOR OF SCIENCE IN CHEMISTRY

(Minimum 120 credit hours required)

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) ..... ( )

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-421 Inorganic Chemistry (3) ..... ( )
CHEM-431 Physical Chemistry I (3)..... ( )
CHEM-432 Physical Chemistry II (3)..... ( )
CHEM-438 Research Design (1)..... ( )
CHEM-439 Physical Chemistry Research (2) ..... ( )

Chemistry Electives (4 hours)
Choose from chemistry courses at the 300 level or above:
_____ ..... ( )
_____ ..... ( )

SUBTOTAL (37 hours).....___

COLLATERAL REQUIREMENTS*

BIOL-495 Science and Scripture (3) ..... ( )
MATH-161 Intro to Statistics (3)..... ( )
MATH-271 Calculus I (4)..... ( )
MATH-272 Calculus II (4)..... ( )
PHYS-281 General Physics I (4) ..... ( )
PHYS-282 General Physics II (4)..... ( )

SUBTOTAL (22 hours).....___

GENERAL ELECTIVES or MINOR

_____ ..... ( )
_____ ..... ( )
_____ ..... ( )
_____ ..... ( )
_____ ..... ( )

SUBTOTAL (12/18 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

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

FRESHMAN YEAR

Course	Hours
LEEU-101, 102A, 102B	3
College Writing/ Workshop	3/4
Rhetoric and Research	3
General Chemistry	8
Intro to Statistics	3
Calculus I	4
Message of New and Old Testament	6
Total	30/31

JUNIOR YEAR

Course	Hours
Quantitative Analysis I or Spect. I.D.	4
Inorganic Chemistry	3
Language and Culture	3
Cross-Cultural Experience	1/3
Contemporary Society Option 1	3
Chemistry Elective	4
Electives	9
Humanities Option	3
Total	30/32

SOPHOMORE YEAR

Course	Hours
Intro. to Theology	3
Intro. to Christian Ethics	3
General Physics	8
Calculus II	4
Foundations of Western Culture	3
Organic Chemistry	9
Total	30

SENIOR YEAR

Course	Hours
Physical Chemistry	6
Research Design	1
Physical Chemistry Research	2
Electives	6
Science and Scripture (Capstone)	3
U S History/Government Option	3
Humanities Options	6
Contemporary Society Option 2	3
Total	30