



BACHELOR OF SCIENCE IN COMPUTER SCIENCE

(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)\* ..... ( )

SUBTOTAL (12 hours) .....

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

FRESHMAN / SOPHOMORE EXPERIENCE

- LEEU-101 Freshman Seminar: Gateway (1) (1st Fall) ..... ( )
LEEU-102 Global Perspectives Seminar (1) (1st Spring)... ( )
LEEU-202 Foundations of Benevolence (1) (2nd Fall) ..... ( )

SUBTOTAL (3 hours) .....

GENERAL EDUCATION CORE

ACQUIRING FUNDAMENTAL ACADEMIC SKILLS

- 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) .... ( ) ( )
SOC1 -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 (28/33 hours) .....

ACADEMIC ASSESSMENT

- GNST-400 Academic Assessment (0)..... ( )
SMFT-CSC Major Field Test: Computer Science (0) ... ( )

SPECIALTY AREA I (100 – 200 level courses)\*

- CSCI-161 Intro to Computer Science (1)..... ( )
CISS-220 Hardware Maint/Troubleshooting (3) ..... ( )
CISS-221 OS Maint/Troubleshooting (3)..... ( )
CSCI-261 Intro to Programming (3)..... ( )
CSCI-271 Programming Project A (2) ..... ( )
MTHS-261 Calculus I (4) ..... ( )
MTHS-262 Calculus II (4) ..... ( )
PHYS-261 General Physics I (4) OR
PHYS-262 General Physics II (4)..... ( )

SUBTOTAL (24 hours) .....

SPECIALTY AREA II (300 – 400 level courses)\*

A minimum of 12 credit hrs of Specialty Area II courses must be taken at Lee University.

- CSCI/MTHS-353 Numerical Analysis (3)..... ( )
CSCI/MTHS-357 Discrete Mathematics (3)..... ( )
CSCI-361 Data Structures (3) ..... ( )
CSCI-371 Advanced Projects (1) ..... ( )
CSCI-461 Analysis of Algorithms (3)..... ( )
CSCI-471 Artificial Intell & Machine Learning (3) ..... ( )
MTHS-495 Mathematics in Faith & Practice (3) ..... ( )

Specialty Area Electives (6 hours)

Select course offerings in CISS at the 300-level or above.

..... ( )
..... ( )

SUBTOTAL (25 hours) .....

GENERAL ELECTIVES or MINOR

..... ( )
..... ( )
..... ( )
..... ( )
..... ( )
..... ( )
..... ( )

SUBTOTAL (23/28 hours) .....

\* A grade of C- or higher is required to fulfill the Specialty Area I and II requirements in this major.

## SUGGESTED FOUR YEAR SEQUENCE OF STUDY FOR BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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

FRESHMAN YEAR		JUNIOR YEAR	
Course	Hours	Course	Hours
LEEU-101, 102.....	2	Contemporary Society Option 2.....	3
Intro to Computer Science.....	1	Numerical Analysis .....	3
Calculus I .....	4	Data Structures.....	3
Message of Old+New Testament.....	6	Analysis of Algorithms.....	3
Introduction to Programming.....	3	General Electives.....	9
College Writing/ Workshop.....	3	Humanities Options.....	9
Rhetoric and Research.....	3	Cross-Cultural Experience.....	1/3
Contemporary Society Option 1.....	3		
US History/ Government.....	3		
<b>Total:</b>	<b>28</b>	<b>Total:</b>	<b>31/33</b>
SOPHOMORE YEAR		SENIOR YEAR	
Course	Hours	Course	Hours
LEEU-202 Benevolence.....	1	Faith and Practice (Capstone).....	3
Intro to Theology.....	3	Artificial Intelligence/ Machine Learning.....	3
Intro to Christian Ethics.....	3	Advanced Programming Project.....	1
Foundation of Western Culture.....	3	CISS Electives.....	6
OS Maintenance and Troubleshooting.....	3	General Electives/Minor.....	18/19
Language and Culture.....	3		
Discrete Math.....	3		
Calculus 2.....	4		
Programming Projects.....	2x1=2		
General Physics I or II.....	4		
Hardware Maintenance and Troubleshooting....	3		
<b>Total:</b>	<b>32</b>	<b>Total:</b>	<b>31/32</b>