

Important: This degree plan is effective for those starting this degree program in fall 2018 through summer 2019. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations or cognates.

GENERAL EDUCATION/

CORE COMPETENCY REQUIREMENTS (46-49 hours)

| Course | Hrs | Sem | Grade |
|--|-----|-----|-------|
| Communication (6 hours)¹ | | | |
| ENGL 101 | 3 | | |
| _____ | 3 | | |
| Math, Science & Technology (9-12 hours)¹ | | | |
| MATH _____ | 4 | | |
| _____ | 4 | | |
| _____ | 0-3 | | |
| UNIV 101 | 1 | | |
| Information Literacy (7 hours)¹ | | | |
| INQR 101 | 1 | | |
| _____ | 3 | | |
| _____ | 3 | | |
| Critical Thinking (12 hours)¹ | | | |
| RSCH 201 | 3 | | |
| _____ | 3 | | |
| _____ | 3 | | |
| _____ | 3 | | |
| Christian Life & Thought (12 hours)^{1,3} | | | |
| BIBL 105 | 2 | | |
| BIBL 110 | 2 | | |
| EVAN 101 | 2 | | |
| RLGN 105 | 2 | | |
| THEO 201 | 2 | | |
| THEO 202 | 2 | | |

| Course | Hrs | Sem | Grade |
|--|-----|-----|-------|
| Major Foundational Courses (4-15 hours)⁴ | | | |
| ENGR 270 | 3 | | |
| MATH 131 | 4 | | |
| MATH 132 | 4 | | |
| PHYS 231 | 4 | | |

MAJOR

| Course | Hrs | Sem | Grade |
|------------------------|-----|-----|-------|
| Core (39 hours) | | | |
| CSIS 100 | 3 | | |
| CSIS 110 | 3 | | |
| CSIS 111 | 3 | | |
| CSIS 112 | 3 | | |
| CSIS 215 | 3 | | |
| CSIS 326 | 3 | | |
| CSIS 342 | 3 | | |
| CSIS 355 | 3 | | |
| CSIS 434 | 3 | | |
| CSIS 443 | 3 | | |
| CSIS 471 | 3 | | |
| CSIS 481 | 3 | | |
| CSIS 482 | 3 | | |

| Course | Hrs | Sem | Grade |
|---------------------------|-----|-----|-------|
| Cognate (12 hours) | | | |
| CSIS 461 | | | |
| or CSIS 463 | 3 | | |
| CSIS _____ | 6 | 3 | |
| CSIS _____ | 6 | 3 | |
| CSIS _____ | 6 | 3 | |

| Course | Hrs | Sem | Grade |
|--|-----|-----|-------|
| Quantitative Studies Courses (10 hours) | | | |
| ENGR 133 | | | |
| or MATH 133 | 1 | | |
| MATH 211 | 3 | | |
| MATH 250 | 3 | | |
| MATH 350 | 3 | | |

| Course | Hrs | Sem | Grade |
|---------------------------------------|-----|-----|-------|
| Lab Sciences Courses (8 hours) | | | |
| _____ | 4 | | |
| _____ | 4 | | |

| Course | Hrs | Sem | Grade |
|---|-----|-----|-------|
| Technical Elective Courses (12-13 hours)⁹ | | | |
| CRST 290 | 2-3 | | |

Notes
All applicable prerequisites must be met
¹Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in core competency requirements
²All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information
³Students transferring in 45 or more UG credit hours will have the requirements of RLGN 105 & EVAN 101 waived; Students transferring in 60 or more UG credit hours will also have the requirements of THEO 201 & THEO 202 waived
⁴Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable
⁵Minimum grade of "C" is required
⁶Choose from the following courses CSIS 315, 316, 340, 341, 344, 345, 375, 408, 416, 461, 463, 495, 497 or 499 not already applying in the major
⁷Choose from BIOL 213 and 214, BIOL 225, CHEM 105, 107, 122, ENVR 220 and 221, PHYS 101 and 103, PHYS 201, 202, or 232
⁸Choose from BIOL 101 and 103, 102 and 104, BIOL 224 or CHEM 121
⁹Choose a minimum of 10 credits from Approved Computer Science Courses
Suggested Course Sequence on second page

Graduation Requirements
131 Total Hours
2.0 Overall grade point average
32.75 Hours must be upper-level courses (300-400 level)
Grade of 'C' Minimum required for all courses in the major, quantitative studies, lab science and technical elective
50% Of major, core, and cognate taken through Liberty University
32.75 Hours must be completed through Liberty University
Grad App Submission of Graduation Application must be completed within the last semester of a student's anticipated graduation date
CSER All requirements must be satisfied before a degree will be awarded

SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

| First Semester | | Second Semester | |
|------------------------------------|-------------|---|----------|
| ENGL 101 | 3 | EVAN 101 | 2 |
| MATH 131 ¹ | 4 | INQR 101 | 1 |
| UNIV 101 | 1 | RLGN 105 | 2 |
| Technology Competency ² | 0-3 | Communications Elective ³ [ENGR 270] | 3 |
| CSIS 100 | 3 | Composition Elective ³ | 3 |
| CSIS 110 | 3 | Math Elective ³ [MATH 132 ¹] | 4 |
| MATH 133 or ENGR 133 | 1 | CSIS 111 | 3 |
| CSER | <u>0</u> | CSER | <u>0</u> |
| | Total 15-18 | | Total 18 |

SOPHOMORE YEAR

| | | | |
|--|-------------|---|----------|
| BIBL 105 | 2 | BIBL 110 | 2 |
| Natural Science Elective ³ [PHYS 231] | 4 | RSCH 201 | 3 |
| Social Science Elective ³ | 3 | Literature/Philosophy Elective ³ | 3 |
| CRST 290 | 2-3 | CSIS 215 | 3 |
| CSIS 112 | 3 | MATH 250 | 3 |
| MATH 211 | 3 | Lab Science Elective ⁴ | 4 |
| CSER | <u>0</u> | CSER | <u>0</u> |
| | Total 17-18 | | Total 18 |

JUNIOR YEAR

| | | | |
|---------------------------------------|----------|--|----------|
| THEO 201 | 2 | THEO 202 | 2 |
| Natural Science Elective ⁵ | 4 | Cultural Studies Elective ³ | 3 |
| CSIS 326 | 3 | CSIS 434 | 3 |
| CSIS 342 | 3 | CSIS 443 | 3 |
| CSIS 355 | 3 | CSIS 461 or 463 | 3 |
| MATH 350 | 3 | CSIS 471 | 3 |
| CSER | <u>0</u> | CSER | <u>0</u> |
| | Total 18 | | Total 17 |

SENIOR YEAR

| | | | |
|--|----------|--|----------|
| Information Literacy Elective ³ | 3 | CSIS 482 | 3 |
| Social Science Elective ³ | 3 | Computer Science Elective ⁶ | 3 |
| CSIS 481 | 3 | Computer Science Elective ⁶ | 3 |
| Computer Science Elective ⁶ | 3 | Technical Elective ⁷ | 3 |
| Technical Elective ⁷ | 3 | Technical Elective ⁷ | 3 |
| Technical Elective ⁷ | 3 | CSER | <u>0</u> |
| CSER | <u>0</u> | | Total 15 |
| | Total 18 | | |

Notes

¹Minimum grade of "C" is required

²All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information

³Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in core competency requirements

⁴Choose from BIOL 101 and 103, 102 and 104, BIOL 224 or CHEM 121

⁵Choose from BIOL 213 and 214, BIOL 225, CHEM 105, 107, 122, ENVR 220 and 221

⁶Choose from the following courses not already applying to the major: CSIS 315, 316, 340, 341, 344, 345, 375, 408, 416, 461, 463, 495, 497, or 499

⁷Choose a minimum of 10 credits from Approved Computer Science Courses