## Bachelor of Science in Informatics Healthcare Informatics Cognate

2018-2019 Degree Completion Plan

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 (44-47 hours)

| Course |  | Hrs | Sem | Grade | Course |  | $\underline{\text { Hrs }}$ | Sem | Grade |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Communication (6 hours) ${ }^{1}$ |  |  |  |  | Major Foundational Courses (3-9 hours) ${ }^{4}$ |  |  |  |  |
| ENGL 101 | Composition \& Rhetoric | 3 |  |  | BUSI 201 | Intermediate Business Computer Apps. | 3 |  |  |
|  | Communications Elective | 3 |  |  | BUSI 230 | Introduction to Probability \& Statistics | 3 |  |  |
|  |  |  |  |  | BUSI 240 | Organizational Behavior I | 3 |  |  |
| Math, Science \& Technology (7-10 hours) ${ }^{\mathbf{1}}$ |  |  |  |  |  |  |  |  |  |
| MATH | Math Elective (MATH 114 or higher) | 3 |  |  | MAJOR |  |  |  |  |
|  | Natural Science Elective | 3 |  |  |  | Core (46 hours) |  |  |  |
|  | Technology Competency ${ }^{2}$ | 0-3 |  |  | ACCT 211 | Financial Accounting | 3 |  |  |
| UNIV 101 | University Core Competencies | 1 |  |  | BIOL 102 | Principles of Human Biology | 3 |  |  |
|  |  |  |  |  | BUSI 390 | Busi. Common Professional Component | 3 |  |  |
| Information Literacy (7 hours) ${ }^{\mathbf{1}}$ |  |  |  |  | CSIS 100 | Intro. to Info. Sciences \& Systems | 3 |  |  |
| INQR 101 | Inquiry 101 | 1 |  |  | CSIS 208 | Application Programming | 3 |  |  |
|  | Composition Elective | 3 |  |  | CSIS 310 | Web Architecture \& Development | 3 |  |  |
|  | Information Literacy Elective | 3 |  |  | CSIS 320 | IS Hardware \& Software | 3 |  |  |
|  |  |  |  |  | CSIS 325 | Database Management Systems | 3 |  |  |
| Critical Thinking (12 hours) ${ }^{1}$ |  |  |  |  | CSIS 330 | Business Data Communication Systems | 3 |  |  |
| RSCH 201 | Research 201 | 3 |  |  | CSIS 340 | Studies in Information Security | 3 |  |  |
|  | Literature OR Philosophy Elective | 3 |  |  | CSIS 351 | System Analysis \& Design | 3 |  |  |
|  | Social Science Elective | 3 |  |  | CSIS 375 | Intro. to Human-Computer Interactions | 3 |  |  |
|  | Cultural Studies Elective | 3 |  |  | ECON 214 | Principles of Macroeconomics | 3 |  |  |
|  |  |  |  |  | INFO 305 | Quality Mgmt. \& Decision Support | 3 |  |  |
| Christian Life \& Thought (12 hours) ${ }^{\mathbf{1 , 3}}$ |  |  |  |  | INFO 405 | Informatics Information Systems | 3 |  |  |
| BIBL 105 | Old Testament Survey | 2 |  |  | NURS 105 | Medical Terminology | 1 |  |  |
| BIBL 110 | New Testament Survey | 2 |  |  |  |  |  |  |  |
| EVAN 101 | Evangelism \& Christian Life | 2 |  |  |  | Cognate (12 hours) |  |  |  |
| RLGN 105 | Intr Bwww/Contemp Moral Issues | 2 |  |  | INFO 310 | Foundations of Pharmacology | 3 |  |  |
| THEO 201 | Theology Survey I | 2 |  |  | INFO 320 | Healthcare Informatics | 3 |  |  |
| THEO 202 | Theology Survey II | 2 |  |  | INFO 321 | Healthcare Coding \& Classification | 3 |  |  |
|  |  |  |  |  | INFO 410 | Healthcare Enterprise Systems | 3 |  |  |

## FREE ELECTIVES (6-15 hours) ${ }^{5}$

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## SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

| First Semester |  |
| :--- | :--- |
| BIBL 105 | 2 |
| ENGL 101 | 3 |
| INQR 101 | 1 |
| RLGN 105 | 2 |
| THEO 201 | 2 |
| UNIV 101 | 1 |
| BIOL 102 | 3 |
| CSER | $\underline{0}$ |

Second Semester

| BIBL 110 | 2 |
| :--- | ---: |
| EVAN 101 | 2 |
| THEO 202 | 2 |
| Communication Elective $^{\mathbf{1}}$ | 3 |
| Composition Elective $^{\mathbf{1}}$ | 3 |
| CSIS 100 | 3 |
| NURS 105 | 1 |
| CSER | $\underline{0}$ |
|  | Total |

SOPHOMORE YEAR
$\left.\begin{array}{lllc}\text { BUSI 201 } & 3 & \text { RSCH 201 } & 3 \\ \text { Cultural Studies Elective }^{\mathbf{1}} & 3 & \text { Literature/Philosophy Elective }^{\text {Information Literacy Elective }}{ }^{\mathbf{1}} & 3\end{array}\right)$

## JUNIOR YEAR

| Natural Science Elective ${ }^{\mathbf{1}}$ | 3 | CSIS 310 | 3 |
| :--- | :--- | :--- | :--- |
| CSIS 208 | 3 | CSIS 325 | 3 |
| CSIS 320 | 3 | CSIS 330 | 3 |
| INFO 305 | 3 | INFO 320 | 3 |
| INFO 310 | 3 | Elective | 3 |
| CSER | $\underline{0}$ | CSER | $\underline{0}$ |
|  | Total 15 |  | Total 15 |

## SENIOR YEAR

| BUSI 390 | 3 | CSIS 351 | 3 |
| :--- | :--- | :--- | :--- |
| INFO 321 | 3 | CSIS 375 | 3 |
| INFO 405 | 3 | INFO 410 | 3 |
| Elective | 3 | Elective | 3 |
| Elective | 3 | Elective | 3 |
| CSER | $\underline{0}$ | CSER | $\underline{0}$ |
|  | Total | 15 |  |

[^1]
[^0]:    Notes
    All applicable prerequisites must be met
    ${ }^{1}$ Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in core competency requirements
    ${ }^{2}$ All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information
    ${ }^{3}$ Students 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
    ${ }^{4}$ Major Foundational Courses can also fulfill General Education/Core Competency requirements as applicable
    ${ }^{5}$ Internship (maximum 6 hours) is strongly recommended
    Suggested Course Sequence on second page

[^1]:    Notes
    ${ }^{1}$ Refer to the list of approved general education electives at www. liberty.edu/gened before enrolling in core competency requirements
    ${ }^{2}$ All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information

