# 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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hrs</th>
<th>Sem</th>
<th>Grade</th>
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<tbody>
<tr>
<td>**Communication (6 hours)**¹</td>
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<tr>
<td>ENGL 101 Composition &amp; Rhetoric</td>
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<tr>
<td>Communications Elective</td>
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<tr>
<td>**Math, Science &amp; Technology (7-10 hours)**³</td>
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<td>MATH 101 Math Elective (MATH 114 or higher)</td>
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<td>Natural Science Elective</td>
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<tr>
<td>Technology Competency²</td>
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<td>UNIV 101 University Core Competencies</td>
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<td>**Information Literacy (7 hours)**¹</td>
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<td>INQR 101 Inquiry 101</td>
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<td>Information Literacy Elective</td>
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<tr>
<td>**Critical Thinking (12 hours)**¹</td>
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<tr>
<td>RSCH 201 Research 201</td>
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<td>Literature OR Philosophy Elective</td>
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<td>Cultural Studies Elective</td>
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<tr>
<td>**Christian Life &amp; Thought (12 hours)**¹,³</td>
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<tr>
<td>BIBL 105 Old Testament Survey</td>
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<tr>
<td>BIBL 110 New Testament Survey</td>
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<tr>
<td>EVAN 101 Evangelism &amp; Christian Life</td>
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<td>RLGN 105 Intr Bwvw/Contemp Moral Issues</td>
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<tr>
<td>THEO 201 Theology Survey I</td>
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<tr>
<td>THEO 202 Theology Survey II</td>
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<td>**Major Foundational Courses (3-9 hours)**⁴</td>
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<tr>
<td>BUSI 201 Intermediate Business Computer Apps.</td>
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<tr>
<td>BUSI 230 Introduction to Probability &amp; Statistics</td>
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<tr>
<td>BUSI 240 Organizational Behavior I</td>
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<td><strong>Major</strong></td>
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<td>Core (46 hours)</td>
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<td>ACCT 211 Financial Accounting</td>
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<tr>
<td>BUSI 102 Principles of Human Biology</td>
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<td>BUSI 390 Busi. Common Professional Component</td>
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<tr>
<td>CSIS 100 Intro. to Info. Sciences &amp; Systems</td>
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<tr>
<td>CSIS 208 Application Programming</td>
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<tr>
<td>CSIS 310 Web Architecture &amp; Development</td>
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<tr>
<td>CSIS 320 IS Hardware &amp; Software</td>
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<tr>
<td>CSIS 325 Database Management Systems</td>
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<td>CSIS 330 Business Data Communication Systems</td>
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<tr>
<td>CSIS 340 Studies in Information Security</td>
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<tr>
<td>CSIS 351 System Analysis &amp; Design</td>
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<td>CSIS 375 Intro. to Human-Computer Interactions</td>
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<td>ECON 214 Principles of Macroeconomics</td>
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<tr>
<td>INFO 305 Quality Mgmt. &amp; Decision Support</td>
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<tr>
<td>INFO 405 Informatics Information Systems</td>
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<tr>
<td>NURS 105 Medical Terminology</td>
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<tr>
<td><strong>Cognate (12 hours)</strong></td>
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<td>**FREE ELECTIVES (6-15 hours)**⁵</td>
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## Notes

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

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**Graduation Requirements**

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<tr>
<th>Requirement</th>
<th>Hours</th>
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<td>Total Hours</td>
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<tr>
<td>Overall grade point average</td>
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<td>Hours must be upper-level courses (300-400 level)</td>
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<td>Grade of ‘C’ Minimum required for all upper-level courses in the major</td>
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<td>Hours must be completed through Liberty University</td>
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<td>Submission of Graduation Application must be completed within the last semester of a student’s anticipated graduation date</td>
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<tr>
<td>CSER All requirements must be satisfied before a degree will be awarded</td>
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**Grad App**

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Revised: 03.07.2018

Effective: Catalog Term 2018-40
# SUGGESTED COURSE SEQUENCE

## FRESHMAN YEAR

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<tr>
<th>First Semester</th>
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<td>EVAN 101</td>
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## SOPHOMORE YEAR

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<td>ACCT 211</td>
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<td>Literature/Philosophy Elective</td>
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## JUNIOR YEAR

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<td>CSIS 320</td>
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<tr>
<td>INFO 305</td>
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<td>INFO 310</td>
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<td>CSIS 330</td>
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<td>INFO 320</td>
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## SENIOR YEAR

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<td>BUSI 390</td>
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<td>INFO 321</td>
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<td>INFO 405</td>
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<td>CSIS 375</td>
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<td>INFO 410</td>
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