## Bachelor of Science in Business Management Information Systems
### Information Assurance Cognate
#### 2014-2015 Degree Completion Plan

**Important:** This degree plan is effective for those starting this degree program in fall 2014 through summer 2015. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations or cognates. Please refer to the list of approved general education electives at [www.luonline.com/generaleducation](http://www.luonline.com/generaleducation) before enrolling in core competency requirements and skills & knowledge electives.

### CORE COMPETENCY REQUIREMENTS (36 hrs)

<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)</td>
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<tr>
<td>Communications Elective</td>
<td>3</td>
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</tr>
<tr>
<td>ENGL 101 Composition &amp; Rhetoric(^1)</td>
<td>3</td>
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<tr>
<td>Math, Science &amp; Technology (9 hours)</td>
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<tr>
<td>INFT 101 Instructional Tech. for Online Learning</td>
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<tr>
<td>MATH 201 Introduction to Probability &amp; Statistics(^2)</td>
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<tr>
<td>Information Literacy (6 hours)</td>
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<tr>
<td>ENGL 102 Composition &amp; Literature</td>
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<tr>
<td>Critical Thinking (6 hours)</td>
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<tr>
<td>Humanities Elective</td>
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<tr>
<td>PHIL 201 Philosophy &amp; Contemporary Ideas</td>
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<tr>
<td>Biblical Worldview (9 hours)</td>
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<tr>
<td>APOL 104 Contemporary Worldviews</td>
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<tr>
<td>BIBL 104 Survey of Biblical Literature</td>
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<td>THEO 104 Introduction to Christian Thought</td>
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### SKILLS & KNOWLEDGE (9 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>BUSI 201 Intermediate Business Computer Apps.(^3)</td>
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<td>MATH 121 College Algebra(^2)</td>
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<tr>
<td>ECON 214 Principles of Macroeconomics</td>
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### MAJOR (57 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>Core (42 hrs)</td>
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<tr>
<td>ACCT 211 Principles of Accounting I</td>
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<tr>
<td>ACCT 212 Principles of Accounting II</td>
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<tr>
<td>BMIS 200 Enterprise Busi. Apps. &amp; Communications(^2)</td>
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<tr>
<td>BMIS 208 Application Programming</td>
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<tr>
<td>BMIS 310 Web Architecture &amp; Development</td>
<td>3</td>
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<tr>
<td>BMIS 320 IS Hardware &amp; Software</td>
<td>3</td>
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<tr>
<td>BMIS 325 Database Management Systems</td>
<td>3</td>
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<tr>
<td>BMIS 330 Business Data Communication Systems</td>
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<tr>
<td>BMIS 340 Studies in Information Security</td>
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<tr>
<td>BMIS 351 System Analysis &amp; Design</td>
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<tr>
<td>BMIS 405 Business &amp; Economic Forecasting</td>
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<tr>
<td>BMIS 460 IS Project Management</td>
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<tr>
<td>BUSI 301 Business Law</td>
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<td>BUSI 310 Principles of Management</td>
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### Information Assurance Cognate (15 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>BMIS 331 Networks</td>
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<tr>
<td>BMIS 335 Network Security</td>
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<td>BMIS 341 Information Security Planning</td>
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<tr>
<td>BMIS 342 Cyber Security</td>
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<tr>
<td>BMIS 440 Digital Forensics</td>
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### ELECTIVES (18 hrs)

<table>
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<th>Course</th>
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**Graduation Requirements**

- 120 total hours
- 30 hours of upper-level courses
- 50% (30 hours) of major taken through LU
- 30 hours must be completed through LU (Online and/or Residential)
- 2.0 grade point average
- Grades of “C” or higher for all courses in major
- Submission of Graduation Application at beginning of final semester

**Notes**

1. ENGL 100 (minimum grade of C) is a prerequisite for ENGL 101
2. MATH 110\(^2\) (minimum grade of C) or equivalent is a prerequisite for BMIS 200, MATH 121 & 201
3. INFT 110 is a prerequisite for BUSI 201
4. MATH 100\(^2\) (minimum grade of C) is a prerequisite for MATH 110
5. A score of 13 on the Math Assessment or CLST 103 is a prerequisite for MATH 100
# Suggested Course Sequence

## Freshman Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>BIBL 104 3</td>
<td>BUSI 201 3</td>
</tr>
<tr>
<td>ENGL 101 3</td>
<td>ENGL 102 3</td>
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<tr>
<td>INFT 101 3</td>
<td>Natural Science Elective 3</td>
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<tr>
<td>Elective¹ [MATH 110] 3</td>
<td>THEO 104 3</td>
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<tr>
<td>Elective² [INFT 110] 3</td>
<td>BMIS 200 3</td>
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## Sophomore Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>APOL 104 3</td>
<td>Communications Elective 3</td>
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<tr>
<td>MATH 121 3</td>
<td>MATH 201 3</td>
</tr>
<tr>
<td>ACCT 211 3</td>
<td>ACCT 212 3</td>
</tr>
<tr>
<td>BMIS 208 3</td>
<td>BMIS 331 3</td>
</tr>
<tr>
<td>BMIS 330 3</td>
<td>BMIS 335 3</td>
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<td><strong>Total 15</strong></td>
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## Junior Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>ECON 214 3</td>
<td>Humanities Elective 3</td>
</tr>
<tr>
<td>BUSI 310 3</td>
<td>PHIL 201 3</td>
</tr>
<tr>
<td>BMIS 320 3</td>
<td>BMIS 310 3</td>
</tr>
<tr>
<td>BMIS 325 3</td>
<td>BMIS 342 3</td>
</tr>
<tr>
<td>BMIS 341 3</td>
<td>Elective 3</td>
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<td><strong>Total 15</strong></td>
<td><strong>Total 15</strong></td>
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## Senior Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>History Elective 3</td>
<td>BMIS 405 3</td>
</tr>
<tr>
<td>BMIS 340 3</td>
<td>BMIS 460 3</td>
</tr>
<tr>
<td>BMIS 351 3</td>
<td>BUSI 301 3</td>
</tr>
<tr>
<td>BMIS 440 3</td>
<td>Elective 3</td>
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<tr>
<td>Elective 3</td>
<td>Elective 3</td>
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<tr>
<td><strong>Total 15</strong></td>
<td><strong>Total 15</strong></td>
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</tbody>
</table>

### Notes

1. MATH 110 or equivalent is a prerequisite for BMIS 200, MATH 121 & 201
2. INFT 110 or equivalent is a prerequisite for BUSI 201

Suggested course sequencing for Liberty University Online students may change depending on transfer credit. Please contact an Admissions Specialist or Academic Advisor for assistance at (800) 424-9595.