# Information Systems Management Curriculum Model

## Freshman Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>ENGL 1100</td>
<td>English Comp I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HIST 1010</td>
<td>Core Lit I or HIST 1020 ▲</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MATH 1680</td>
<td>Calculus W/ BUS APP I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>BUSI 1010</td>
<td>Professional Development in BUS I</td>
<td>1</td>
</tr>
<tr>
<td>Second Semester</td>
<td>ENGL 1120</td>
<td>English Comp II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CORE OPTION ▲</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

## Sophomore Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>ACCT 2110</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BUAL 2600</td>
<td>Business Analytics I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ECON 2020</td>
<td>Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ISMN 2140</td>
<td>Intro to Info Systems Mngt</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>BUSI 2010</td>
<td>Professional Development in BUS II</td>
<td>1</td>
</tr>
<tr>
<td>Second Semester</td>
<td>ACCT 2210</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BUAL 2650</td>
<td>Business Analytics II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ECON 2030</td>
<td>Macroeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

## Junior Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>ISMN 3010</td>
<td>Prof Development in Info Systems</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>ISMN 3830</td>
<td>Database Management Systems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BUAL 5650</td>
<td>Enterprise Mngt of Big Data Env</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CTCT 3250</td>
<td>Information Analysis</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKTG 3310</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SCMN 2150</td>
<td>Ops: Mngt of Business Processes</td>
<td>2</td>
</tr>
<tr>
<td>Second Semester</td>
<td>ISMN 4090</td>
<td>Digital Business Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ISMN 5650</td>
<td>App Dev with Emerging Tech</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ISMN 5740</td>
<td>Information Risk Analysis</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MNGT 3100</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
</tbody>
</table>

## Senior Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>ISMN 5730</td>
<td>Security and Info Assurance</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ISMN ELEC</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ISMN ELEC</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BUSI 4010</td>
<td>Professional Development in BUS IV</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>FREE ELEC</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>FREE ELEC</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Second Semester</td>
<td>ISMN 5740</td>
<td>Information Risk Analysis</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ISMN ELEC</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MNGT 4800</td>
<td>Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>FREE ELEC</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>FREE ELEC</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>UNIV 4AA0</td>
<td>University Graduation</td>
<td>0</td>
</tr>
</tbody>
</table>

**Total: 123-credit Hours**

Notes:
- Auburn University requires a minimum 2.0 major GPA & a minimum 2.0 AU cumulative GPA to satisfy graduation requirements.
- Refer to the AU Bulletin at bulletin.auburn.edu for course descriptions, frequencies, and pre-requisite information.
- Students may have no more than 4 hours of PHED course work and may not repeat a course in which a grade of "C" or better was earned.
- 1/2 See page two/three for a list of approved courses.
- HIST 1210/1220 can be taken in lieu of HIST 1010/1020
- ▲ Business students must complete all four courses in either Option 1 or Option 2 below. See page two for a list of approved courses.

### Option 1: 2 Literatures and 1 History
- Core Literature I
- Core Literature II (from same series)
- HIST 1010 -OR- HIST 1020
- Core Social Science

### Option 2: 2 Histories and 1 Literature
- ▲ HIST 1010
- ▲ HIST 1020
- Core Literature I or II
- Core Humanities

<table>
<thead>
<tr>
<th>Major Course</th>
<th>Grade</th>
<th>Major Course</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISMN 2140</td>
<td></td>
<td>ISMN 5740</td>
<td></td>
</tr>
<tr>
<td>ISMN 3830</td>
<td></td>
<td>ISMN ELEC</td>
<td></td>
</tr>
<tr>
<td>ISMN 4090</td>
<td></td>
<td>ISMN ELEC</td>
<td></td>
</tr>
<tr>
<td>ISMN 5650</td>
<td></td>
<td>ISMN ELEC</td>
<td></td>
</tr>
<tr>
<td>ISMN 5730</td>
<td></td>
<td>MNGT 4800</td>
<td></td>
</tr>
<tr>
<td>ISMN 3010</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Free Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

2021-2022, NCore.NMajor.
**Choices for University Core Requirements**

*Students enrolled in the University Honors College may enroll in the Honors equivalents of any of the core options listed below.*

### Core Literature options

- ENGL 2200 (World Literature I) – 3 hrs
- ENGL 2210 (World Literature II) – 3 hrs
- ENGL 2230 (British Literature I) – 3 hrs
- ENGL 2240 (British Literature II) – 3 hrs
- ENGL 2250 (American Literature I) – 3 hrs
- ENGL 2260 (American Literature II) – 3 hrs
- ENGL 2270 (American Literature III) – 3 hrs
- ENGL 2280 (African American Lit II) – 3 hrs

*If choosing 2 History/1 Lit option, choose any single Lit course.
If choosing 2 Lit/1 History option, must completed Lit I & II from the same series.*

### Core Humanities options

**One Core Humanities course is required only for students choosing the 2 History/1 Lit option.**

- FLGC 1150 (Global Fluency and Awareness) – 3 hrs
- PHIL 1010 (Intro to Logic) – 3 hrs
- PHIL 1020 (Intro to Ethics) – 3 hrs
- PHIL 1030 (Ethics & Health Sciences) – 3 hrs
- PHIL 1040 (Business Ethics) – 3 hrs
- PHIL 1050 (Political Philosophy) – 3 hrs
- PHIL 1060 (Philosophy of East and West) – 3 hrs
- PHIL 1070 (Philosophy of Art, Value and Society) – 3 hrs
- PHIL 1080 (Intro to Philosophy of Religion) – 3 hrs
- PHIL 1090 (Philosophy of Race and Gender) – 3 hrs
- PHIL 1100 (Intro to Philosophy) – 3 hrs
- PHIL 1110 (Philosophy of Science and Critical Thinking) – 3 hrs
- PHIL 1120 (Intro to Environmental Ethics) – 3 hrs
- RELG 1040 (Western Religions) – 3 hrs
- RELG 1050 (Eastern Religions) – 3 hrs
- UNIV 2710 (Human Odyssey) – 3 hrs
- A 2nd Core Fine Arts class – 3 hrs
- A 2nd Core Literature class – 3 hrs
- ~HONR 1007 (Technology and Culture I) – 3 hrs

*Only for students enrolled in the University Honors College*

### Core Fine Arts options

- ARCH 2600 (The Art of Architecture, Place, and Culture) – 3 hrs
- ARTS 1510 (Looking at Art: Approaches to Interpretation) – 3 hrs
- ARTS 1610 (Introduction to Art History) – 3 hrs
- ENVD 2040 (Design, Invention and Society) – 3 hrs
- INDD 1120 (Industrial Design in Modern Society) – 3 hrs
- MUSI 2730 (Appreciation of Music) – 3 hrs
- MUSI 2740 (Survey of Popular Music) – 3 hrs
- MUSI 2750 (Music and Science) – 3 hrs
- MDIA 2350 (Introduction to Film Studies) – 3 hrs
- THEA 2010 (Introduction to Theatre) – 3 hrs
- THEA 2020 (Acting Aesthetics) – 3 hrs

### Core Social Science options

**One Core Social Science course is required only for students choosing the 2 Lit/1 History core option.**

- AGEC 1000 (Global Issues in Food, Ag, Dev, and Environment) – 3 hrs
- ANTH 1000 (Intro to Anthropology) – 3 hrs
- COUN 2000 (Living & Communicating in a Diverse Society) – 3 hrs
- GEOG 1010 (Global Geography) – 3 hrs
- GSHS 2000 (Global Studies in Human Sciences) – 3 hrs.
- MATH 1610 can be substituted for the MATH 1680 requirement. Note that MATH 1610 has higher pre-requisites than MATH 1680.
- POLI 1050 (Global Politics and Issues) – 3 hrs
- POLI 1090 (American Government) – 3 hrs
- PSYC 2010 (Intro to Psychology) – 3 hrs
- SOCY 1000 (Sociology: Global Perspectives) – 3 hrs
- SOCY 1100 (Current Issues in Race and Ethics) – 3 hrs
- SUST 2000 (Intro to Sustainability) – 3 hrs
- ~HONR 1007 (Technology and Culture I) – 3 hrs
- ~HONR 1027 (Sustainability and the Modern World I) – 3 hrs
- ~HONR 1037 (Sustainability and the Modern World II) – 3 hrs
- NATR 2050 (People and the Environment) – 3 hrs
- UNIV 2720 (Human Odyssey II) – 3 hrs
- WMST 2100 (Intro to Women’s & Gender Studies) – 3 hrs

### Core Lab Science options

*Students must complete one of the following 2-course options, plus labs. The 2 courses should NOT be taken together during the same semester.*

- SCMH 1010 & BIOL 1010 (Concepts of Science & Survey of Life)
- SCMH 1010 & CSES 1010 (Concepts of Science & Soils and Life)
- SCMH 1010 & CSES 1020 (Concepts of Science & Crops and Life)
- SCMH 1010 & CHEM 1010 (Concepts of Science & Survey of Chemistry I)
- SCMH 1010 & FOWS 1020 or FOWS 1030 or FOWS 1040 (CoS & Nature I or II or Climate I)
- SCMH 1010 & GEOL 1100 (Concepts of Science & Dynamic Earth)
- SCMH 1010 & PHYS 1000 (Concepts of Science & Foundations of Physics)
- SCMH 1010 & PHYS 1150 (Concepts of Science & Astronomy)
- SCMH 1010 & PHYS 1500 (Concepts of Science & General Physics I)
- BIOL 1000 & BIOL 1010 (Intro to Biology & Survey of Life)
- CHEM 1010 & CHEM 1020 (Survey of Chemistry I & Survey of Chemistry II)
- CSES 1010 & CSES 1020 (Soil and Life & Crops and Life) – can be taken out of sequence
- FOWS 1020 & FOWS 1030 (Science of Nature I & Science of Nature II)
- FOWS 1030 & FOWS 1050 (Climate Science I & Climate Science II)
- GEOG 1020 & GEOG 1030 (Global Systems I & Global Systems II)
- GEOL 1100 & GEOL 1110 (Dynamic Earth & Earth and Life Through Time)
- GEOL 1100 & GEOG 1020 or GEOG 1030 (Dynamic Earth & Global Systems I or II)
- PHYS 1500 & PHYS 1510 (General Physics I & General Physics II)

### Additional options

**WARNING** – These options are NOT recommended for HCoB students since they include courses structured for Science & Engineering students.

- BIOL 1020 & BIOL 1030
- BIOL 1020 & BIOL 1010**
- CHEM 1030 & CHEM 1040
- CHEM 1110 & CHEM 1020
- PHYS 1600 & PHYS 1610
- SCMH 1010 & PHYS 1600
- SCMH 1010 & CHEM 1030
- SCMH 1010 & CHEM 1110

**Business majors who earn AP BIOL 1020 credit and have not earned a 2nd core science credit should take BIOL 1010 to satisfy the 8 hrs core science requirement.**

### Available Substitutions

- HIST 1210/1220 (Technology and Civilization I/II) can be substituted for HIST 1010/1020 to satisfy the core History requirement(s)
- MATH 1610 can be substituted for the MATH 1680 requirement. Note that MATH 1610 has higher pre-requisites than MATH 1680.
Information Systems Management Major Notes

- All 3000-5000 level business courses require junior standing (60 hrs)
- MNGT 4800 requires senior standing (90 hrs) and PR of the 3 Principles courses. This course must be completed at Auburn.
- Any directed reading course or internship course must receive departmental approval prior to registration
- Prerequisites and/or corequisites for Business courses are strictly enforced
- Refer to the AU Bulletin for info on course pre-reqs and descriptions http://bulletin.auburn.edu.coursesofinstruction.

Required Information Systems Courses

- ISMN 2140 Intro to Management Information Systems
- ISMN 3010 Professional Development in Information Systems Pr./Cr. ISMN 2140 & BUSI 2010
- ISMN 3830 Database Management Systems
- ISMN 4090 Digital Business Design pr. ISMN 3830
- ISMN 5650 Application Development with Emerging Technologies
- ISMN 5730 Security & Information Assurance
- ISMN 5740 Information Risk Analysis

Choices for ISMN Electives

- ISMN 4850 Competitive Strategies Through Information
- ISMN 4920 Internship -- Requires departmental approval; prospective interns should take ISMN 3830 & 5650 by the end of junior year
- ISMN 5040 Advanced Business Data Communications Pr. ISMN 2140
- ISMN 5290 Advanced Business Application Development Pr. BUAL 5650 or BUAL 5600
- ISMN 5370 Project Management
- ISMN 5390 Integrating Business Processes with ERP
- ISMN 5620 Business Application with Open Source Software
- ISMN 5750 Information Technology Auditing Pr. ISMN 5730
- ISMN 5880 Management Info Systems Projects Pr. ISMN 3830
- ISMN 5900 Directed Studies
- ISMN 5960 Special Problems
- BUAL 5600 Principles of Predictive Modeling Pr. BUAL 2650
- BUAL 5610 Business Decisions w/ Predictive Modeling Pr. BUAL 2650
- BUAL 5700 Big Data Infrastructure and Application Pr. ISMN 5650
- BUAL 5860 Communicating Quantitative Results Pr. BUAL 5660 & 5610
- Elective options may not be offered every semester
- Previously completed 3-hr (3000-5000 level) ISMN courses that are no longer offered will satisfy an ISMN elective requirement.

Choices for Business Electives

- BUSI 3250
- Any 3-credit hour, 3000-5000 level ACCT course
- Any 3-credit hour, 3000-5000 level BUAL course
- Any 3-credit hour, 3000-5000 level ECON course
- Any 3-credit hour, 3000-5000 level ENFB course
- Any 3-credit hour, 3000-5000 level FINC course except 3010 and 3810
- Any 3-credit hour, 3000-5000 level HRMN course
- Any 3-credit hour, 3000-5000 level ISMN course
- Any 3-credit hour, 3000-5000 level MKTG course except 3010 (Pr. C or better in MKTG 3310)
- Any 3-credit hour, 3000-5000 level MNGT course except 3010, 3810 and 4600
- Any 3-credit hour, 3000-5000 level SCMN course except 3810

Business Capstone Course

- MNGT 4800 Strategic Management Pr. MKTG 3310, FINC 3610, and MNGT 3100 and senior standing
- MNGT 4800 MUST BE COMPLETED AT AU