

## Academic Map: Cybersecurity Management

**Department:** Computer Information Systems and Analytics      **Degree:** BS  
**Program/Major:** Cybersecurity Management  
**Track/Emphasis:** \_\_\_\_\_  
**Does this program require a minor? (Yes/No)** No

### Important program information in the online *Undergraduate Bulletin*:

**UCA Core Requirements:** <https://uca.edu/ubulletin/general-policies-information/uca-core/>  
**LD UCA Core Check Sheet:** <https://uca.edu/academicbulletins/ld-uca-core/>  
**UD UCA Core Course List:** <https://uca.edu/academicbulletins/ud-uca-core/>  
**Degree Requirements:** <https://uca.edu/ubulletin/general-policies-information/degree-requirements/>  
**Program Description:** <https://uca.edu/ubulletin/colleges-departments/cb/cisa/>  
**Course Descriptions:** <https://uca.edu/ubulletin/courses/>

**This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours.**

Comparable courses in the Arkansas Course Transfer System (ACTS) are cross-referenced in the ACTS column of each semester block below; a [core link](https://uca.edu/academicbulletins/ld-uca-core/) (https://uca.edu/academicbulletins/ld-uca-core/) takes the user to the *Undergraduate Bulletin's* Lower-Division (LD) UCA Core check sheet, where UCA Core options and ACTS course numbers are listed in full; an [acts link](https://uca.edu/academicbulletins/acts/) takes the user to the *Undergraduate Bulletin's* ACTS page (https://uca.edu/academicbulletins/acts/) for additional information and a UCA-ACTS crosswalk.

**Scholarship recipients:** Please be aware of eligibility criteria for your scholarship(s). In particular, pay attention to (1) the enrollment requirements each semester for disbursement of your scholarship(s) and (2) the number of hours and GPA required each semester and/or year for renewal of your scholarship(s). Some Academic Maps may suggest enrollment in fewer hours than required for disbursement of your scholarship(s). In such cases, work with your academic advisor to adjust your schedule to meet requirements most efficiently. Contact the Office of Student Financial Aid at (501) 450-3140 with any questions regarding enrollment/renewal requirements of your scholarship(s). For online information resources, see endnote 1.

### Year 1

#### Fall – Semester 1 (Credit hours: 16)

| SUBJ | NUM  | TITLE  | SCH | ACTS                                  |
|------|------|--|-----|---------------------------------------|
| WRTG | 1310 | Introduction to College Writing (LD UCA Core)  | 3   | ENGL1013                              |
|      |      | LD UCA Core Choice (Lab Science) <sup>2</sup>  | 4   | <a href="#">core link</a>             |
| PSCI | 1330 | US Government and Politics (LD UCA Core) <sup>2</sup> or<br>LD UCA Core Choice First Year Seminar <sup>2</sup> | 3   | PLSC2003<br><a href="#">core link</a> |
| MATH | 1395 | Business Math (LD UCA Core) <sup>2</sup>   | 3   | <a href="#">core link</a>             |
| ECON | 2310 | Global Environment of Business (LD UCA Core) <sup>2</sup> or<br>LD UCA Core Choice <sup>2</sup>                | 3   | <a href="#">core link</a>             |

**Spring – Semester 2 (Credit hours: 14)**

| SUBJ         | NUM          | TITLE  | SCH | ACTS  |
|--------------|--------------|--|-----|---|
| WRTG<br>ENGL | 1320<br>1320 | Academic Writing and Research or<br>Interdisciplinary Writing and Research or<br>Approved Alternative (LD UCA Core) <sup>2</sup> | 3   | ENGL1023<br>ENGL1023<br><a href="#">core link</a> |
| CSCI         | 1470         | Computer Science I   | 4   |   |
|              |              | LD UCA Core (Lab Science) <sup>2</sup>   | 4   | <a href="#">core link</a>                         |
| PSCI         | 1330         | US Government and Politics (LD UCA Core) <sup>2</sup> or<br>LD UCA Core Choice First Year Seminar <sup>2</sup>                   | 3   | PLSC2003<br><a href="#">core link</a>             |

**Year 2****Fall – Semester 3 (Credit hours: 15)**

| SUBJ         | NUM          | TITLE   | SCH | ACTS                      |
|--------------|--------------|---|-----|---------------------------|
| ACCT<br>ACCT | 2309<br>2310 | Principles of Managerial Accounting or<br>Principles of Financial Accounting  | 3   | ACCT2013<br>ACCT2003      |
| ECON         | 2320<br>2321 | Principles of Macroeconomics (LD UCA Core) <sup>2</sup> or<br>Principles of Microeconomics (LD UCA Core) <sup>2</sup> | 3   | ECON2103<br>ECON 2203     |
| ECON         | 2310         | Global Environment of Business (LD UCA Core) <sup>2</sup> or<br>LD UCA Core Choice <sup>2</sup>                       | 3   | <a href="#">core link</a> |
| PSCI<br>CSEC | 2300<br>2300 | Introduction to International Relations or<br>Introduction to Cybersecurity   | 3   |                           |
| CISA<br>MGMT | 2330<br>2301 | Business Statistics or<br>Business Communications (LD UCA Core) <sup>2</sup>  | 3   | BUSI2103<br>BUSI2013      |

**Spring – Semester 4 (Credit hours: 16)**

| SUBJ         | NUM          | TITLE   | SCH | ACTS                      |
|--------------|--------------|---|-----|---------------------------|
| PSCI<br>CSEC | 2300<br>2300 | Introduction to International Relations or<br>Introduction to Cybersecurity   | 3   |                           |
| CISA<br>MGMT | 2330<br>2301 | Business Statistics or<br>Business Communications (LD UCA Core) <sup>2</sup>  | 3   | BUSI2103<br>BUSI2013      |
| ECON         | 2320<br>2321 | Principles of Macroeconomics (LD UCA Core) <sup>2</sup> or<br>Principles of Microeconomics (LD UCA Core) <sup>2</sup> | 3   | ECON2103<br>ECON 2203     |
|              |              | General Elective  | 3   |                           |
|              |              | LD UCA Core Choice <sup>2</sup>   | 3   | <a href="#">core link</a> |

**Year 3****Fall – Semester 5 (Credit hours: 15)**

| SUBJ         | NUM          | TITLE   | SCH | ACTS                      |
|--------------|--------------|---|-----|---------------------------|
| CISA         | 3321         | Managing Systems and Technology                           | 3   |                           |
| MGMT         | 3340         | Managing People and Work (UD UCA Core: D, R) <sup>2</sup> | 3   | <a href="#">core link</a> |
| CISA<br>CSCI | 3363<br>2335 | Networking I or<br>Networking                             | 3   |                           |
| CISA         | 3365         | Database Applications                                     | 3   |                           |
|              |              | General Elective  | 3   |                           |

**Spring – Semester 6 (Credit hours: 15)**

| SUBJ | NUM          | TITLE   | SCH | ACTS                      |
|------|--------------|---|-----|---------------------------|
| CSCI | 4305         | Linux/Unix Systems  | 3   |                           |
| CISA | 4363<br>4360 | Networking II or<br>Information Security                  | 3   |                           |
| MGMT | 3305         | Business Ethics   | 3   |                           |
| CISA | 3328         | Systems Analysis and Design (UD UCA Core: C) <sup>2</sup> | 3   | <a href="#">core link</a> |
|      |              | General Elective  | 3   |                           |

**Year 4**

**Fall – Semester 7 (Credit hours: 15)**

| SUBJ | NUM  | TITLE  | SCH | ACTS                      |
|------|------|--|-----|---------------------------|
| PSCI | 3316 | Cybersecurity Law and Policy (UD UCA Core: C) <sup>2</sup> | 3   | <a href="#">core link</a> |
| FINA | 3330 | Managing Finance and Capital (UD UCA Core: I) <sup>2</sup> | 3   | <a href="#">core link</a> |
| CSEC | 3320 | Computer Forensics   | 3   |                           |
| CISA | 4375 | Cybersecurity Strategy and Management                      | 3   |                           |
|      |      | General Elective   | 3   |                           |

**Spring – Semester 8 (Credit hours: 15)**

| SUBJ | NUM          | TITLE  | SCH | ACTS                      |
|------|--------------|--|-----|---------------------------|
| CISA | 4355         | Project Management (UD UCA Core: Z) <sup>2</sup> | 3   | <a href="#">core link</a> |
| CISA | 4363<br>4360 | Networking II or<br>Information Security         | 3   |                           |
| PSCI | 3369         | Cybersecurity Citizenship                        | 3   |                           |
| CISA | 4361         | Cybersecurity Governance and Policy              | 3   |                           |
|      |              | General Elective                                 | 3   |                           |

\_\_\_\_\_  
SIGNED – DEPARTMENT CHAIR

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNED – COLLEGE DEAN

\_\_\_\_\_  
DATE

**To be completed by the advisor when an Eight-Semester plan is accepted by the student:**

If applicable, has student selected a minor? \_\_\_\_\_ No \_\_\_\_\_ Yes

If “yes,” specify: \_\_\_\_\_

**Notes**

<sup>1</sup> See online information resources for UCA scholarships at <https://uca.edu/scholarships/> and for state scholarships at <https://scholarships.adhe.edu/scholarships-and-programs/a-z/>.

Notes – *continued*

<sup>2</sup> Students must select courses from each category to meet UCA Lower-Division Core requirements. See appropriate choices, alternatives, or substitutions under “UCA Core” in the *Undergraduate Bulletin*.

- Lab Science (2 semesters)
- MATH 1395 (Quantitative) – during Year 1
- Writing (2 semesters)
- American History and Government
- Fine Arts/Humanities
- Diversity – first-year seminar – during Year 1
- Responsible Living
- MGMT 2301 Business Communications (Oral Communication)
- ECON 2321 Microeconomics or ECON 2320 Macroeconomics (Social Science)
- ECON 2310 Global Environment of Business (Diversity)

The student will also need to complete major, minor, or general elective courses designated as fulfilling the upper-division and capstone requirements of the upper-division (UD) UCA Core. See annotations in this Academic Map for courses within the major that will fulfill these requirements.