

# UNIVERSITY OF CENTRAL MISSOURI

## SFCC A.A. to UCM COMPUTER INFORMATION SYSTEMS, B.S.B.A.

### YEARS 1 AND 2 AT SFCC

(UCM equivalencies in parentheses)

#### COMMUNICATIONS – 9 Hours

|   |   |
|---|---|
| ENGL 101 English Composition I (ENGL 1020)  | 3 |
| ENGL 102 English Composition II (ENGL 1030) | 3 |
| **COMM 101 Public Speaking (COMM 1000)      | 3 |

#### AMERICAN INSTITUTIONS – 3 Hours

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|---|---|
| POLS 101 (POLS 1510), HIST 101 (HIST 1350), or HIST 102 (HIST 1351) | 3 |
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#### SOCIAL SCIENCES – 3 Hours

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| **ECON 101 Principles of Macroeconomics (ECON 1010) | 3 |
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#### BEHAVIORAL SCIENCE – 3 Hours

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| PSY 101 (PSY 1100), 102 (PSY 2220), 104 (PSY 1320), BADM 107 (FIN 1820), SOC 100 (SOC 1800), or 102 (SOC 2825) | 3 |
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#### LITERATURE – 3 Hours

|   |   |
|---|---|
| LIT 101, LIT 107 (ENGL 2200 or 2205), LIT 109 (ENGL 2210 or 2215), LIT 112 (ENGL 2220), or LIT 114. | 3 |
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#### FINE ARTS – 3 Hours

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| ART 101 (ART 1800), 120 (ART 1825), MUS 101 (MUS 1210), 103 (MUS 2311), 104 (MUS 3212) or THEA 107 (THEA 2400), THEA 125 | 3 |
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#### HUMANITIES – 3 Hours

|   |   |
|---|---|
| AGRI 106, FREN 101 (FREN 1201), PHIL 101 (PHIL 1000), 102 (PHIL 2300), 104, SOC 120 (ECEL 2110) or SPAN 101 (SPAN 1601) | 3 |
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#### MATHEMATICS – 3 Hours

|                                     |   |
|-------------------------------------|---|
| **MATH 114 College Alg. (MATH 1111) | 3 |
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#### LIFE AND PHYSICAL SCIENCES – 8 Hours

Choose one course from life sciences and one from physical sciences.

**Life sciences:** BIO 100 (BIOL 1110), 103 (BIOL 2010), 105 (BIOL 3721), 112 (BIOL gened), 125 (BIOL 1111), 126 (BIOL 1112), 208 (BIOL 3401 & BIOL 3402 if taken w/ BIO 207)

**Physical sciences:** CHEM 101 (CHEM 1104), 123 (CHEM 1131) AGRI 119 (AGRI 2330), EASC 101 (EASC 1004), 106 (EASC 1004), 118 (EASC 3010), 120 (EASC 3112), PHYS 103 (PHYS 1103), 105 (PHYS 1101), or 118 (PHYS 2121)

#### WELLNESS – 1 Hour Minimum

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| HLTH 101 (PE 1206), WELL 116, 117, 118, 119, 121 or 122, or EDUC 110 | 1-2 |
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#### GENERAL EDUCATION ELECTIVE – 3 Hours

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| **CAPP 125 Microcomputer Applications (CIS 1600) | 3 |
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#### ELECTIVES – 22 Hours Minimum

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| **MATH 127 Business Statistics (FIN 2801)                 | 3 |
| **ACCT 101 Principles of Financial Accounting (ACCT 2101) | 3 |
| **ACCT 102 Managerial Accounting (ACCT 2102)              | 3 |
| **BADM 103 Legal Environment of Business (BLAW 2720)      | 3 |

### YEARS 3 AND 4 AT UCM

#### MAJOR REQUIREMENTS – 77 Hours

|   |   |
|---|---|
| CIS 1625 Programming with Visual C#                     | 3 |
| CIS 2625 Web Application Architecture                   | 3 |
| CIS 2665 Prin. of Data Comm. & LAN                      | 3 |
| CIS 3630 Management Information Systems                 | 3 |
| CIS 3650 Database Management Systems                    | 3 |
| CIS 3660 Anlys. & Des. of Comp. Infor. Sys.             | 3 |
| CIS 4690 Systems Architecture & Development             | 3 |
| FIN 3801 Business Statistics II                         | 3 |
| FIN 3850 Principles of Finance                          | 3 |
| MGT 3315 Management of Organizations                    | 3 |
| MGT 3325 Business Communications                        | 3 |
| MGT 3360 Supply Chain & Operations Management           | 3 |
| MGT 4357 Organizational Policy & Strategy               | 3 |
| MKT 3405 Marketing Policy                               | 3 |
| <i>Four courses from one of the two following areas</i> | 9 |

#### Software Development

|   |   |
|---|---|
| CIS 3625 Business Application Development with Java | 3 |
| CIS 3670 User Experience Design                     | 3 |
| CIS 4680 Data Resource Mgt.                         | 3 |
| CIS 4660 Appl. Dev. Using JAVA <i>or</i>            | 3 |
| CIS 4670 Appl. Dev. Using Visual C#                 | 3 |

#### Networking

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|--|---|
| CIS 3665 Data Comm. Technologies             | 3 |
| CIS 4645 Network and System Security         | 3 |
| CIS 4665 Data Comm. & Dist. Data Proc.       | 3 |
| CIS 4685 Network Planning, Design & Security | 3 |
| <i>Electives from the following</i>          | 8 |

|   |     |
|---|-----|
| CIS 3695 Intern. in Comp. Infor. Systems            | 3   |
| CIS 4610 Special Projects                           | 1-3 |
| CIS 4635 Seminar in Bus. Comp. Appl.                | 3   |
| CIS 4640 Web Application Development                | 3   |
| CIS 4645 Network and System Security                | 3   |
| CIS 4655 Software Engineering                       | 3   |
| CIS 4675 Mobile Business Application Development    | 3   |
| Any CIS course in the tracks (prerequisites apply). |     |
| Any ET courses approved by the department.          |     |

#### GENERAL EDUCATION REQUIREMENTS – 3 Credit Hours

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|---|---|
| CIS 1612 Ethics in Information Technology | 3 |
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**\*\*Course fulfills a major requirement at UCM and if not taken as part of AA must be taken at UCM**

**MINIMUM HOURS REQUIRED FOR A.A.: 64 hours**  
**MINIMUM HOURS REQUIRED FOR B.S.: 120 hours**

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### REQUIREMENTS FOR THIS MAJOR

- Minimum hours: 120
- Minimum of 30 hours upper level credit (numbered 3000/4000 level); courses taken at SFCC may articulate as upper level classes, but will not count toward the upper level hour requirement.
- Minimum of 12 upper level credit hours in major
- Minor requirement: No – but highly recommended

### RESIDENCY REQUIREMENTS FOR A DEGREE AT UCM

- 30 credit hours must be completed at UCM
- 20 upper level hours must be completed at UCM
- 15 credit hours in the major must be from UCM
- 9 upper level hours in the major must be completed at UCM
- The last 12 semester hours must be earned from UCM
- If pursuing a minor, a minimum of 9 hours in the minor must be completed at UCM

### ADMISSION TO B.S.B.A. PROGRAMS

Admission to all B.S.B.A. programs is conditional upon the completion of 41 credit hours and 8 pre-admission classes. A minimum 2.25 GPA is required.

### B.S.B.A. ACCREDITATION

UCM B.S.B.A. programs are accredited by The Association to Advance Collegiate Schools of Business (A.A.C.S.B.) International. [www.aacsb.edu](http://www.aacsb.edu). The CIS program is also accredited in Information Systems by the Computing Accreditation Commission of ABET. It is one of ten I.S. programs in the U.S. that is ABET accredited in an AACSB accredited program.

\*\*Students must enroll in IBE Practicum (MGT 3385 or MKT 3485 or CIS 3685) concurrently with the IBE sections of MGT 3315, MKT 3405 and CIS 3630.

### TRANSFER WORK

Arrange for all transfer work to be posted at UCM at the time of application. An official transcript must be received at UCM directly from each school attended. Individual transfer equivalencies can be found online at [www.ucmo.edu/corequiv](http://www.ucmo.edu/corequiv). Send transcript(s) to: The University of Central Missouri, Office of Admissions, Ward Edwards 1400, Warrensburg, MO 64093.

### DUAL ADMISSION

Students are encouraged to apply for dual admission during their first semester at SFCC to coordinate associate degree completion with degree requirements at UCM.

<http://www.ucmo.edu/undergrad/dualadmissions.cfm>.

### GENERAL EDUCATION ASSESSMENT

All UCM students are required to pass a General Education Assessment test. Students transferring in more than 45 credit hours will take the test during their first semester at UCM.

Learn more at:

[www.ucmo.edu/assessment/documents/gened\\_policy.pdf](http://www.ucmo.edu/assessment/documents/gened_policy.pdf).

### SFCC CATALOG

Find the current SFCC catalog online at:

<http://www.sfccmo.edu/pages/104.asp>.

### UCM CATALOG

Find the current UCM catalog online at:

[www.ucmo.edu/catalogs](http://www.ucmo.edu/catalogs).

### UCM DEPARTMENT CONTACT

The Department of Computer Information Systems and Analytics. Dockery 400 L. 660.543.4767. [www.ucm.edu/cis/](http://www.ucm.edu/cis/)

### UCM ACADEMIC ADVISING

Harmon College of Business & Professional Studies. Ward Edwards 1600. Find out who your advisor is at

[www.ucmo.edu/advising](http://www.ucmo.edu/advising).

### SFCC OUTREACH

UCM representatives visit State Fair Community college on a regular basis to provide admissions, advising, financial aid, and other UCM information to future UCM transfer students. See the visit schedule at [www.ucmo.edu/sfcc](http://www.ucmo.edu/sfcc).

### VALIDITY OF THIS TRANSFER GUIDE

This guide is based on the UCM 2017 Undergraduate Catalog and is subject to change. This guide is a recommendation only and your actual program may vary. Time to degree completion and course sequencing will depend on any credits transferred to UCM and on planned placement in math, reading, and writing. See the current UCM Undergraduate Catalog ([www.ucmo.edu/catalogs](http://www.ucmo.edu/catalogs)) and SFCC Course Catalog (<http://www.sfccmo.edu/pages/104.asp>) for a complete listing of academic policies, curriculum, prerequisites, and course descriptions

### CREDIT FOR MILITARY SERVICE

^Veterans, members of the National Guard and active duty military personnel may receive 2 hours of wellness credit by presenting a copy of their DD214 or similar record. See your SFCC navigator for more information.