

# 2018-2019 Computer Informatics BS Degree Plan

Student name: \_\_\_\_\_ UMID: \_\_\_\_\_ Date: \_\_\_\_\_

Advisor name: \_\_\_\_\_ Concentration: **None**



UNIVERSITY of  
MONTEVALLO

**The Purpose of General Education is to Gain:**

- Knowledge of Human Cultures and the Physical and Natural World
- Intellectual and Practical Skills
- Personal and Social Responsibility
- Integrative and Applied Learning

**Key Courses For General Education (50 hours)**

1. **Written Composition (6)**  
Choose ENG 101 or 103. 3 \_\_\_\_\_  
Choose ENG 102 or 104. 3 \_\_\_\_\_
2. **Humanities & Fine Arts (18)**  
Choose one: ENG 231, 233, 232 or 234.\* 3 \_\_\_\_\_  
\*Students must complete a six-hour sequence in either History or Literature. Students may complete both sequences.  
Choose COMS 101 or 102. 3 \_\_\_\_\_  
Choose one Fine Arts: ART 100, 218, 219; 3 \_\_\_\_\_  
 MC 325; MUS 121 or 122, 125, 211, 255, 342;  
 THEA 120 or 122.  
Choose PHIL 180. 3 \_\_\_\_\_  
Choose PHIL 220 or 221. 3 \_\_\_\_\_  
Choose one of the following (not used above):  
 ART 100, 218, 219; ENG 231 or 233, 232 or 234; 3 \_\_\_\_\_  
 FRN 101, 102, 150, 201, 202, 250; SPN 101 or 103,  
 102 or 104, 150, 201, 202, 250; GER 101, 102, 201,  
 202; MC 325; MUS 121 or 122, 125, 211, 255, 342;  
 PHIL 110 or 111, 230, 280, 290; THEA 120 or 122.
3. **Natural Sciences & Mathematics (11)**  
Choose one lab science from two different disciplines:  
 BIO 100, 105-107; CHEM 100-102, 121, 122; 4 \_\_\_\_\_  
 ES 100; GEOL 110, 115; PHYS 100 or higher. 4 \_\_\_\_\_  
Choose MATH 147 3 \_\_\_\_\_
4. **History, Social & Behavioral Sciences (12)**  
Choose one history: HIST 101, 103, 102 or 104.\* 3 \_\_\_\_\_  
\*Students must complete a six-hour sequence in either History or Literature. Students may complete both sequences.  
Choose one of the following not used above: 3 \_\_\_\_\_  
 EC 231, 232; FCS 291, 402; GEOG 231;  
 HIST 101 or 103; 102 or 104; POS 200, 250;  
 SWK 203, 260, 322.  
Choose SOC 101. 3 \_\_\_\_\_  
Choose PSYC 201. 3 \_\_\_\_\_
5. **Personal Development (3)**  
Choose MIS 161. 3 \_\_\_\_\_

**Informatics Degree Requirements (39 hours)**

- |  |         |
|--|---------|
| INFM 171 (Social Informatics)                  | 3 _____ |
| INFM 241 (Intro to Informatics and Computing)  | 3 _____ |
| INFM 242 (Logical Foundations for Informatics) | 3 _____ |
| INFM 345 (Computer Programming I)              | 3 _____ |
| INFM 346 (Computer Programming II)             | 3 _____ |
| INFM 347 (Human Computer Interaction)          | 3 _____ |
| INFM 348 (Information Representation)          | 3 _____ |
| INFM 349 (Informatics Project Management)      | 3 _____ |
| INFM 350 (Database and Applications Security)  | 3 _____ |
| INFM 450 (Data Analysis and Mining)            | 3 _____ |
| INFM 451 (Data Visualization)                  | 3 _____ |
| INFM 455 (Information Infrastructure I)        | 3 _____ |
| INFM 456 (Information Infrastructure II)       | 3 _____ |

**Support Courses (6 hours)**

- |   |         |
|---|---------|
| PSYC 300 (Descriptive Statistics)                   | 3 _____ |
| PSYC 430 (Experimental Psych and Inferential Stats) | 3 _____ |

**General Electives (18 hours)**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Minor Course Requirements (Optional)**

Title: \_\_\_\_\_ Hrs. Req. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Additional Requirements for Degree (7 hours)**

Choose and complete only one requirement below:

**Bachelor of Science Requirements**

Choose additional 7 hours in mathematics and/or science not used toward requirement #3 above.

\_\_\_\_\_ 3-4 \_\_\_\_\_

\_\_\_\_\_ 3-4 \_\_\_\_\_

Total Hours Required:	120
Total Hours Completed to Date:	_____
Hours Remaining for Completion:	_____
Hours Currently Registered:	_____
Hours Remaining:	_____

**GENERAL GRADUATION REQUIREMENTS**

- |                                   |  |
|-----------------------------------|--|
| 1. 50% of hrs in major area at UM | 5. 45 hr limit of non-traditional credit                 |
| 2. 30 hrs 300/400 at UM           | 6. 6-hr sequence in history or literature                |
| 3. 30 of last 40 hours at UM      | 7. Capstone experience within major                      |
| 4. 64 hr limit from 2-year school | 8. 2.0 or higher UM GPA and in all major and minor areas |