

COLLEGE OF ARTS AND SCIENCES PROGRAM CHANGE FORM

| | Chair's Signature | Recommendation | Review Date |
|---|-----------------------------|---------------------------------|----------------------------------|
| Department | <u>Bruce Mechtly</u> | <u>Approve</u> | <u>2018-03-14</u> |
| Division | <u>Jennifer Wagner</u> | <u>Approve</u> | <u>2018-03-30</u> |
| Dept. of Educ. | <u>N/A</u> | | |
| <small>(If relates to teacher certification program.)</small> | | | |
| Dean | <u>Laura Stephenson</u> | <u>Approve</u> | <u>2018-04-02</u> |
| Curriculum Committee | <u>Linzi Gibson</u> | <u>Approve</u> | <u>2018-04-25</u> |
| Accepted by CFC | <u>Julie Velez</u> | <u>Approve</u> | <u>2018-05-03</u> |
| CAS Faculty | <u>Bruce Mechtly</u> | <u>Approve</u> | <u>2018-09-21</u> |
| Approved By: | Faculty Senate _____ | University Faculty _____ | WU Board of Regents _____ |

Program: Bachelor of Science in Computer Information Science (CIP:)

1. Reason for this program change?

This change is to allow the degree to be completed with 120 hours. We are also changing the "minor" to "concentration" per recent votes at various levels of CAS. In addition we are requiring that at least 3 hours of the concentration be upper-division hours.

2. Complete revised description.

Computer Information Sciences Core - 13 hrs
 CM111 Intro to Structured Programming (4)
 CM231 Computer Organization/Assembler (3)
 CM245 Contemporary Programming Methods (3)
 CM261 Networked Systems I (3)

Computer Information Sciences Required - 21 hrs
 CM307 Data Structures & Algorithmic Analysis (3)
 CM322 Operating Systems (3)
 Either CM331 Computational Intelligence (3)
 or CM332 Data Mining (3)
 CM333 Software Engineering (3)
 CM336 Database Management Systems (3)
 CM361 Network Systems II (3)
 CM465 CIS Capstone Project (3)

Approved CM Electives - 12 hrs

These courses should be selected in consultation with a departmental advisor. Minimum of 6

hours must be upper division.

Correlated - 32 hrs

CN150 Public Speaking (3)

Either CN340 Professional Interviewing (3)

or CN341 Persuasive Speaking (3)

EC200 Princ of Microeconomics (3)

EC201 Princ of Macroeconomics (3)

Either BU342 Organization and Management (3)

or BU346 Organizational Behavior (3)

EN208 Business/Technical Writing (3)

PH220 Logic (3)

Either MA140 Statistics (3)

or MA343 Applied Statistics (3)

MA151 Calculus I (5)

MA206 Discrete Math - Computing (3)

Additional Bachelor of Science Requirements

Students must also meet the Bachelor of Science University Requirements. A 30-hour concentration in the Division of Natural Sciences and Mathematics is required and must be approved by the department chairperson. If the concentration is in Math, the student must take MA152. At least 20 of these hours must be selected from one discipline. At least 3 of these hours must be at the 300-level or higher.

3. Describe the nature of the proposed change.

Changes in wording of "minor" to "concentration". At least 3 hours of the concentration must be at the upper-division level.

4. Do you currently have the equipment and facilities to teach the classes within the proposed change.

Yes.

5. Does this change affect any other departments? No