CAS Faculty Meeting Agenda

September 6, 2018 in BTC

Refreshments start at 3:00 p.m.
Meeting will start at 3:30 p.m.

I. Welcome & Dean's Remarks

II. *Approval of Minutes from April 18, 2018

III. Old Business

IV. New Business

A. Introduction of New Faculty
B. Program Changes
    1. *Bachelor of Arts in Computer Information Sciences with Emphasis in Digital Forensics
    2. *Bachelor of Science in Computer Information Science
    3. *Bachelor of Science in Computational Physics

V. Informational Items/Updates

A. Faculty Success Groups

VI. Adjournment

*Attachments

COLLEGE OF ARTS AND SCIENCES
PROGRAM CHANGE FORM

	Chair's Signature	Recommendation	Review Date
Department	**Bruce Mechtly**	**Approve**	**2018-03-14**
Division	**Jennifer Wagner**	**Approve**	**2018-03-30**
Dept. of Educ. (If relates to teacher certification program.)	**N/A**		
Dean	**Laura Stephenson**	**Approve**	**2018-04-02**
Curriculum Committee	**Linzi Gibson**	**Approve**	**2018-04-25**
Accepted by CFC	**Julie Velez**	**Approve**	**2018-05-03**
CAS Faculty			

Approved By: **Faculty Senate** _____ **University Faculty** _____ **WU Board of Regents** _____

Program: Bachelor of Arts in Computer Information Sciences with Emphasis in Digital Forensics (CIP:)

1. Reason for this program change?

These changes are being made to allow completion of this degree in 120 hours. Only the correlated courses are being changed. We are dropping CJ130, CJ415 and PY2XX. We are adding AN118 Intro to Forensic Science.

2. Complete revised description.

Computer Information Sciences Core - 16 hrs
- CM111 Intro to Structured Programming (4)
- CM203 Digital Forensics I (3)
- CM231 Computer Organization/Assembler (3)
- CM245 Contemporary Programming Methods (3)
- CM261 Networked Systems I (3)

Computer Information Sciences Required - 18 hrs
- CM303 Digital Forensics II (3)
- CM307 Data Structures & Algorithmic Analysis (3)
- CM322 Operating Systems (3)
- Either CM331 Computational Intelligence (3)
- or CM332 Data Mining (3)
- CM361 Network Systems II (3)
- CM465 CIS Capstone Project (3)

Approved Elective CM Upper Division Coursework - 6 hrs

Course(s) should be selected in consultation with a departmental advisor. All 6 hours must be upper division.

Correlated - 27-29 hrs
AN118 Intro to Forensic Science
CN150 Public Speaking (3)
Either CN340 Professional Interviewing (3)
or CN341 Persuasive Speaking (3)
EN208 Business/Technical Writing (3)
PY100 Basic Concepts in Psychology (3)
PH220 Logic (3)
Either MA140 Statistics (3)
or MA343 Applied Statistics (3)
Either MA141 Applied Calculus I (3)
or MA151 Calculus I (5)
MA206 Discrete Math - Computing (3)

3. Describe the nature of the proposed change.

We are dropping CJ130, CJ415 and PY2XX. We are adding AN118 Intro to Forensic Science.

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? Yes

AN, CJ and PY may be affected.

COLLEGE OF ARTS AND SCIENCES
PROGRAM CHANGE FORM

	Chair's Signature	Recommendation	Review Date
Department	**Bruce Mechtly**	**Approve**	**2018-03-14**
Division	**Jennifer Wagner**	**Approve**	**2018-03-30**
Dept. of Educ. (If relates to teacher certification program.)	**N/A**		
Dean	**Laura Stephenson**	**Approve**	**2018-04-02**
Curriculum Committee	**Linzi Gibson**	**Approve**	**2018-04-25**
Accepted by CFC	**Julie Velez**	**Approve**	**2018-05-03**
CAS Faculty			

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

COLLEGE OF ARTS AND SCIENCES
PROGRAM CHANGE FORM

	Chair's Signature	Recommendation	Review Date
Department	**Steve Black**	**Approve**	**2018-03-16**
Division	**Jennifer Wagner**	**Approve**	**2018-03-30**
Dept. of Educ. (If relates to teacher certification program.)	**N/A**		
Dean	**Laura Stephenson**	**Approve**	**2018-04-02**
Curriculum Committee	**Linzi Gibson**	**Approve**	**2018-04-25**
Accepted by CFC	**Julie Velez**	**Approve**	**2018-05-03**
CAS Faculty			

Approved By: **Faculty Senate** _____ **University Faculty** _____ **WU Board of Regents** _____

Program: Bachelor of Science in Computational Physics (CIP:)

1. Reason for this program change?

Three required correlated courses are no longer taught on a regular basis. These courses are CM170 (Fortran Programming), MA376 (Numerical Analysis), and CM244 (The C Programming Language). Thus these three courses are to be removed from the required correlated courses for the B.S in Computational Physics. Fortran is the language used in the PS366 (Introduction to Computational Physics) course, and the course covers many topics in numerical analysis. This change also insures that the degree can be completed in 120 hours.

2. Complete revised description.

To major in Computational Physics with a Bachelor of Science Degree, one must satisfactorily complete Physics 261 and 262 or 281 and 282, 291, 320, 330, 334, 335, 340, 350, 365, 366, and 368, and pass a written (Major Field Test) and/or oral comprehensive examination. The required correlated courses in Computer Information Sciences are 111, 113, 245, 307, and 390. The required correlated courses in Mathematics and Statistics are 151, 152, 153, 206, 241, 301, and 343.

3. Describe the nature of the proposed change.

Eliminating three required correlated courses.

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