

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Nan Sun, x. 2102

SUBJECT: Significant Program Edits – Computer Information Science with Digital Forensics Concentration, BA

Description / Rationale: To conform to the new general education requirements and to ensure the program does not exceed 120 total hours. Added CJ 115 as an “or” option to existing AN 118 required course. Removed PY 100, EN 208, CN 150. Added CJ 325 or CJ 371 or CJ 374 for 3 credit hours. Added CN 342 as an “or” option to existing CN 340 or CN 341 required course.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: AAC on 2/12/2024

FAC on date

Faculty Senate on date

Attachments Yes ☒ No ☐

Program Change Request

Date Submitted: 10/02/23 10:17 am

Viewing: **CM-DF-BA : CM/Digital Forensics: BA**

Last approved: 05/09/23 11:19 am

Last edit: 02/13/24 9:47 am

Changes proposed by: Nan Sun (nan.sun)

Catalog Pages Using this Program

[BA, Computer Information Science with Digital Forensics Concentration](#)

Effective Catalog Edition

2024-2025

Rationale for

Change Type

[Significant](#)

Summarize

To conform to the new general education requirements and to ensure the program does not

Changes and

exceed 120 total hours.

Include Rationale

General Information

Effective Catalog Edition

2024-2025

Department

Computer Information Sciences

College

College of Arts and Sciences

Division

Natural Science & Mathematics

Degree Level

Undergraduate

Program Title

CM/Digital Forensics: BA

Degree to be Offered

Bachelor of Arts (BA)

Is there a Washburn Related

Is this program offered completely online?

Does this program lead to a teaching certification?

No

Program Code

CM-DF-BA

Concentration

Is this program an interdisciplinary program?

No

Interdisciplinary

CIP Code

[11.0101](#) - [11.0101](#)

Modality

[Hybrid](#)

New Program Header

Statement of Justification/Rationale for Offering the Program

Program Demand

In Workflow

1. Acad Ops
2. CM Chair
3. NSM Chair
4. CA Dean
5. CFCCC Chair
6. Assoc Dean CFC
7. CA Assoc Dean
8. Governance Check
9. AA Committee
10. Faculty Senate
11. General Faculty
12. WUBOR
13. Final Acad Ops
14. Registrar

Approval Path

1. 10/02/23 10:28 am
Holly Broxterman (holly.broxterman):
Approved for Acad Ops
2. 10/02/23 10:41 am
Nan Sun (nan.sun):
Approved for CM Chair
3. 10/02/23 10:42 am
Andrew Herbig (andrew.herbig):
Approved for NSM Chair
4. 10/02/23 4:53 pm
Kelly Erby (kelly.erby):
Approved for CA Dean
5. 11/14/23 12:32 pm
Bruce Mactavish (bruce.mactavish):
Approved for CFCCC Chair
6. 11/21/23 11:15 am
Kelly Erby (kelly.erby):
Approved for Assoc Dean CFC
7. 02/07/24 5:41 pm
Kelly Erby (kelly.erby):
Approved for CA Assoc Dean
8. 02/07/24 6:00 pm
Holly Broxterman (holly.broxterman):
Approved for Governance Check
9. 02/13/24 9:47 am
Holly Broxterman (holly.broxterman):
Approved for AA

Projected Enrollment for the Initial Three Years of the Program	
Implementation	
Full-Time	Part-Time
Full-Time	Part-Time
Year 2	
Full-Time	Part-Time Headcount

Admission and Curriculum

- Admission Criteria
- Total Number of Semester Credit
- Hours for the Degree
- Curriculum

Committee
History
1. Apr 21, 2022 by clmig-jwillging
2. Jul 15, 2022 by Steve Luoma (steven.luoma)
3. Sep 30, 2022 by Holly Broxterman (holly.broxterman)
4. Apr 19, 2023 by Holly Broxterman (holly.broxterman)
5. May 4, 2023 by Holly Broxterman (holly.broxterman)
6. May 5, 2023 by Holly Broxterman (holly.broxterman)
7. May 9, 2023 by Holly Broxterman (holly.broxterman)

Degree Requirements

Computer Information Science Core		
CM 111	Introduction to Structured Programming	4
CM 203	Digital Forensics I	3
CM 231	Computer Organization/Assembler Language	3
CM 245	Contemporary Programming Methods	3
CM 261	Networked Systems	3
Subtotal		16
Computer Information Science Required		
CM 303	Digital Forensics II	3
CM 307	Data Structures & Algorithmic Analysis	3
CM 322	Operating Systems	3
CM 331	Artificial Intelligence	3
or CM 332	Data Mining	
CM 361	Introduction to Cybersecurity	3
CM 465	Computer Information Science Capstone Project	3
Subtotal		18
Computer Information Science Electives		
Upper Division CM electives		6
Subtotal		6
Correlated Courses		
AN 118	Introduction to Forensic Science	3
or CJ 115	Introduction to Forensic Investigations	
PY 100	Basic Concepts in Psychology	3
EN 208	Professional Writing	3
CJ 325	Applied Criminology	<u>3</u>

<u>or CJ 371</u>	<u>Intro to Forensic Photography</u>	
<u>or CJ 374</u>	<u>Intro to 3-D Scanner</u>	
CN 340	Interviewing	3
or CN 341	Persuasive Speaking	
or CN 342	Communication-Teams and Groups	
MA 140	Statistics	3
MA 141	Applied Calculus I	3-5
or MA 151	Calculus & Analytic Geometry I	
MA 206	Discrete Mathematics for Computing	3
PH 220	Symbolic Logic	3
CN 150	Public Speaking	3
Subtotal		21-23
Total Hours		61-63

Students must also meet the Bachelor of Arts University Requirements. Transfer students must complete at least nine upper division hours in Computer Information Sciences from Washburn University.

Pathway

Core Faculty

Faculty Workload Analysis

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

Supplemental Files

Reviewer

Holly Broxterman (holly.broxterman) (02/13/24 9:47 am): Approved by Academic Affairs

Comments

Committee in 2/12/2024 meeting.