

**WASHBURN UNIVERSITY**  
**BACHELOR OF ARTS**  
**COMPUTER INFORMATION SCIENCE**  
**With Concentration in Digital Forensics**  
As of August 2015  
Expires: Summer 2022

**CIS 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)

**CIS Required** - 18 hrs

CM303 Digital Forensics II (3)  
CM307 Data Structures & Algorithmic Analysis (3)  
CM322 Operating Systems (3)  
One of the following **two**:  
    CM331 Computational Intelligence (3) **or**  
    CM332 Data Mining (3)  
CM361 Network Systems II (3)  
CM467 CIS Capstone Project (2)  
CM468 CIS Senior Seminar (1)

**Approved Elective Upper Division CM Coursework** – 6 hrs

These courses should be selected in consultation with a departmental advisor. All 6 hours must be upper division.

**Correlated** - 33 hrs

CJ130 Public and Private Security (3)  
CN150 Public Speaking (3)  
PY100 Basic Concepts in Psychology (3)  
PY2XX 200-level Psychology General Ed (3)  
EN208 Business/Technical Writing (3)  
PH220 Logic (3)  
CJ415 Forensic Science in Criminal Justice (3)  
One of the following **two**:  
    CN340 Professional Interviewing (3) **or**  
    CN341 Persuasive Speaking (3)  
One of the following **two**:  
    MA140 Statistics (3) **or**  
    MA343 Applied Statistics (3)  
One of the following **two**:  
    MA141 Applied Calculus I (3) **or**  
    MA151 Calculus I (5)  
MA206 Discrete Math – Computing (3)

**UNIVERSITY AND GENERAL EDUCATION REQUIREMENTS**

For a complete listing of the requirements for the Bachelor's degree, please consult the University catalog. Although you, the student, are ultimately responsible for ensuring that the minimum degree requirements are met, you should choose a departmental advisor during your sophomore year to assist you.

**English**

EN101 Freshman Composition  
EN300 Junior English Composition

**The Washburn Experience**

WU 101 The Washburn Experience

**Mathematics Competency**

Successful completion of MA140

**Foreign Language Requirement**

Completion of 102 level course in Department of International Studies - Approximately 8 hours if no high school language.

**Gen. Ed. Humanities (\*HU)** – 15 hrs

At least 3 hrs in Art, Music, or Theatre (AMT)  
At least 2 disciplines other than AMT  
Maximum of 6 hrs per discipline

**Gen. Ed. Nat Science/Math (\*NSM)** – 12 hrs

Maximum of 6 hrs per discipline  
At least 2 non mathematics disciplines

**Gen. Ed. Social Sciences (\*SS)** – 15 hrs

Maximum of 6 hrs per discipline. Should take PY or SO or both as prerequisites for BU342/346.

**NOTE:**

1. Of the minimum **124** hours required to graduate, **84** hours must be **outside your major**. If you take more than 40 CM hours toward the B.A., you must add the number of hours over 40 to 124. (i.e., If you take 45 hours of CM, you must have 129 total hours to graduate.)
2. Of the minimum **124** hours required to graduate, **99** hours must be **College of Arts & Sciences** credits.
3. You must take at least **45** hours of **upper division** coursework (numbered 300 or above).
4. No course required for the degree (major, minor, or correlated) may be taken pass/fail and a **grade of C or better** is required.
5. Transfer students must take at least **9** hours of **upper division** CM courses from Washburn. Transfer hours in your major must be approved by the Department. At least 25% of credit hours required for the major must be taken at Washburn.
6. A background check may be required to work in the field of Digital Forensics.

Stoffer Science Hall, Room 304  
(785) 670-1739

Dr. Bruce Mechtly, Chair  
[www.washburn.edu/cas/cis](http://www.washburn.edu/cas/cis)