

Washburn University

Bachelor of Arts in Computer Information Science

With Concentration in Cybersecurity and Digital Forensics

Effective Fall 2026

Program Requirements CIS (40 Total)

Core – 16 hours

CM111 Intro to Structured Programming (4)
 CM203 Digital Forensics I (3)
 CM231 Computer Organization/Assembler (3)
 CM245 Contemporary Programming Methods (3)
 CM261 Networked Systems (3) (F)

Required – 18 hours

CM303 Digital Forensics II (3) (F)
 CM307 Data Structs. & Alg. Analysis (3)
 CM322 Operating Systems (3) (F)
 CM341 Ethical Hacking (3) (F)
 OR CM342 Information Security Governance (3) (S)
 CM361 Cybersecurity (3) (S)
 CM465 CIS Capstone Project (3)

CM Electives – 6 hours

Courses should be selected in consultation with a department advisor. All 6 hours must be upper division.

Program Requirements Non-CIS (21-23 total)

AN118 Intro to Forensic Sciences (*SS) (3)
 OR CJ130 Public & Private Security (3)
 OR CJ115 Intro to Forensic Investigations (3)
 CJ351 Legal Issues in Cybersecurity (3)
 OR CJ325 Applied Criminology (3)
 OR CJ371 Intro to Forensic Photography (3) (F)
 OR CJ374 Intro to 3D scanner (3) (S)
 MA140 Statistics (*MA *SL) (3)
 MA151 Calculus & Analytic Geometry I (*MA) (5)
 OR MA141 Applied Calculus (*MA) (3)
 MA206 Discrete Mathematics for Computing (3)
 PH220 Symbolic Logic (*HU) (3)
 CN340 Interviewing (3)
 OR CN341 Persuasive Speaking (*HU) (3) (S)
 OR CN342 Communication - Team and Groups (*HU) (3) (F)

*These courses are part of the gen ed program.

(F) Indicates Fall Semester only.

(S) Indicates Spring Semester only.

Encourage a minor in Criminal Justice

Encourage a minor in other Forensic Science

General Education Requirements (35 Total)

Composition – 6 hours

EN 101: Introductory College Writing (3)
 EN 200: Intermediate College Writing (3)

Math (*MA) – 3 hours

MA112 or higher

Communication Studies – 3 hours

CN101 or CN150 or CN351

Natural Science (with Lab) – 5 hours

Social Sciences (*SS) – 6 hours

Two disciplines

Humanities (*HU) – 6 hours

Two disciplines

Institutionally Designated (Two disciplines) – 6 hours

Inclusion and Belonging (*IB) – 3 hours

Scientific Reasoning and Literacy (*SL) – 3 hours

Degree Requirements (14 Total)

Modern Language

ML101 (4)
 ML102 (4)

WU101 The Washburn Experience (3)

EN300 Advanced College Writing (3)
 OR EN308 Technical Writing (3)

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 freshman year to assist you.

Notes:

1. Of the minimum **120** hours required to graduate, **80** hours must be **outside your major**.
2. Of the minimum **120** 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.

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

Dr. Nan Sun, Chair
www.washburn.edu/cis