

Washburn University

Associate of Arts in Computer Information Science

Effective Fall 2024

Program Requirements CIS (22 Total)

Required – 16 hours

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

One of the following:

- CM307 Data Structs. & Alg. Analysis (3)
- CM335 Adv. App. Prog. & Design (3) (F)
- CM361 Introduction to Cybersecurity (3) (S)
- CM322 Operating Systems (3) (F)
- CM330 Web Development II (3) (F)
- CM334 Modeling with VBA/Excel (3) (S)

CM Electives – 6 hours

Courses should be selected in consultation with a department advisor. A minimum of 3 hours must be upper division. Recommend CM105 (*SL)

Program Requirements Non-CIS (6 total)

- MA140 Statistics (*Core *SL) (3)
- MA206 Discrete Mathematics for Computing (3)

*These courses are part of the gen ed program.
(F) Indicates Fall Semester only.
(S) Indicates Spring Semester only.

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

WU101 The Washburn Experience (3)

Notes:

1. You must take a minimum of 60 total hours. This total includes all hours required for general education and the major.
2. No course required for the degree (major or correlated) may be taken pass/fail and a grade of C or better is required.
3. Transfer students - Credit for transfer hours must be approved by the department.

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

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