WASHBURN UNIVERSITY
BACHELOR OF ARTS
COMPUTER INFORMATION SCIENCE

As of August 2011
Expires: Summer 2018

CIS Core - 13 hrs
CM111 Intro to Structured Programming (4)
CM231 Computer Organization/Assembler (3)
CM245 Contemporary Programming Methods (3)
CM261 Networked Systems I (3)

CIS Required - 21 hrs
CM307 Data Structures & Algorithmic Analysis (3)
CM322 Operating Systems (3)
CM331 Computational Intelligence (3)
CM333 Software Engineering (3)
CM336 Database Management Systems (3)
CM361 Network Systems II (3)
CM467 CIS Capstone Project (2)
CM468 CIS Senior Seminar (1)

Approved Elective CM Coursework – 12 hrs
These courses should be selected in consultation with a departmental advisor. A minimum of 6 hours must be upper division. In order to reach the 45 hours of UD you may need to take more hours than 6 hours UD.

Correlated - 33 hrs
PH220 Logic (*HU) (3)
EC200 Principles of Microeconomics (*SS) (3)
EC201 Principles of Macroeconomics (*SS) (3)
One of:
BU342 Organization and Management (3) or
BU346 Organizational Behavior (3)
EN208 Business/Technical Writing (*HU) (3)
CN150 Public Speaking (*HU) (3)
One of:
CN340 Professional Interviewing (3) or
CN341 Persuasive Speaking (3)
One of:
MA140 Statistics (*NSM) (3) or
MA343 Applied Statistics (3)
MA123 Pre-Calculus (*NSM) (3)
One of:
MA141 Applied Calculus I (*NSM) (3) or
MA151 Calculus (*NSM) (5)
MA206 Discrete Math – Computing (*NSM) (3)

*These courses are part of the general education program

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

Physical Education
KN198 Lifetime Wellness

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

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

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.