

BS in Computer Science

Computer Science Core (29 credits)

- 4 – CPSC 1010 Computer Science I (alt 1060)
- 4 – CPSC 1020 Computer Science II (alt 1070)
- 3 – CPSC 2070 Discrete Structures for Computing

Computer Science (30 credits)

- 3 – CPSC 3220 Intro to Operating Systems
- 3 – CPSC 3300 Computer Systems Organization
- 3 – CPSC 3500 Foundations of Computer Science
- 3 – CPSC 3520 Programming Languages
- 3 – CPSC 3600 Networks & Networks Programming
- 3 – CPSC 3620 Distributed and Cluster Computing
- 12 – Computer Science Requirement (Electives)

Mathematical Sciences (14 credits)

- 4 – MATH 1060 Calculus of One Variable I
- 4 – MATH 1080 Calculus of One Variable II
- 3 – Statistics Req't (STAT 3090 or 3300 or MATH 3020)
- 3 – MATH 3110 Linear Algebra

English & Communication (12 credits)

- 3 – ENGL 1030 Advanced Composition
- 3 – Literature Requirement
- 3 – Oral Communication Requirement
- 3 – Writing Requirement

Humanities & Social Sciences (15 credits)

- 3 – Humanities Requirement (Non-Literature)
- 6 – Social Science Requirement
- 6 – Humanities/Social Science Requirement

Natural Science (14 credits)

- 8 – Lab Science Sequence
- 6 – Additional Natural Science

Electives (8 credits)

BA in Computer Science

- 4 – CPSC 2120 Algorithms and Data Structures
- 3 – CPSC 2150 Software Development Foundations
- 4 – CPSC 2310 Introduction to Machine Organization

Computer Science (15)

- 15 – Computer Science Requirement (Electives)

Minor (15)

- 15 – Minimum of 5 classes in approved field

Foreign Language (14)

- 14 – Two Year's Proficiency of Language

Mathematical Sciences (9-11)

- 3 or 4 – Calculus (MATH 1020 or 1060)
- 3 or 4 – Calculus (MATH 2070 or 180)
- 3 – Statistics Req't (STAT 3090 or 3300 or MATH 3020)

English & Communication (12)

- 3 – ENGL 1030 Advanced Composition
- 3 – Literature Requirement
- 3 – Oral Communication Requirement
- 3 – Writing Requirement

Humanities & Social Sciences (15)

- 6 – Humanities Requirement
- 6 – Social Science Requirement
- 3 – Fine Arts Requirement

Natural Science (7)

- 4 – Natural Science w/ Lab
- 3 – Natural Science

Electives (3-5)

BS in Computer Information Systems

- 1 – CPSC 2910 Seminar in Professional Issues I
- 3 – CPSC 3720 Software Engineering
- 3 – CPSC 4910 Seminar in Professional Issues II

Computer Science (24 hours)

- 3 – CPSC 2200 Microcomputer Applications
- 3 – CPSC 3220 Intro to Operating Systems
- 3 – CPSC 3660 Networks and Network Programming
- 3 -- CPSC 4620 Database Management
- 3 – Systems Admin Requirement (CPSC 4200 or 4240)
- 9 – Computer Science Requirement (Electives)

Information Systems (6)

- 3 – Systems Analysis Requirement
- 3 – Information Information Systems Requirement

Business (24)

- 3 – Economics Requirement (ECON 2000, 2110, or 2120)
- 6 – ACCT 2010 & 2010 Accounting Concepts I and II
- 3 – MKT 3010 Principles of Marketing
- 3 – MGT 2010 Principles of Management
- 3 – MGT 3120 Decision Models for Management
- 6 – Business Requirement

Mathematical Sciences (9-11)

- 6 or 8 – Calculus Sequence (MATH 1020/2070 or 1060/1080)
- 3 – Statistics Req't (STAT 3090 or 3300 or MATH 3020)

English & Communication (12)

- 3 – ENGL 1030 Advanced Composition
- 3 – Literature Requirement
- 3 – Oral Communication Requirement
- 3 – Writing Requirement

Humanities & Social Sciences (9)

- 3 – Humanities Requirement (Non-Literature)
- 6 – Social Science Requirement

Natural Science (7)

Electives (0-2)