

COMPUTER SCIENCE (BS)

Program Requirements

Code	Title	Hours
CSCI-1140	Introduction to Computer Science I	4
CSCI-2150	Introduction to Computer Science II	4
MATH-2550	Discrete Mathematical Structures I	3
CSCI-2560	Discrete Mathematical Structures II	3
CSCI-3100	Database Systems	4
CSCI-3500	Algorithm Design & Analysis	4
CSCI-3570	Theory of Automata	3
CSCI-3600	Concepts of Programming Languages	4
CSCI-4200	Computer Architecture	4
CSCI-4400	Operating Systems & Networking	4
CSCI-4920	Software Engineering	3
CSCI-4930	Computer Science Senior Capstone	2
CSCI-COMP	Senior Comprehensive Exam	0
CSCI Electives ¹		6
MATH-1220	Introductory Statistics	4
MATH-3400	Introduction to Cryptography	3
Total Hours		55

¹ Select 6 hours of CSCI electives at or above CSCI-2000 Programming Short Course, 3 or more hours of which must be an upper-division (3000- or 4000-level) course.

Transfer students majoring in Computer Science must take a minimum of 40% of the coursework required for the major at Benedictine College.

Recommendations: A student should not attempt a computer science course unless he or she received at least a 'C' in its prerequisite.