



Southwest Baptist UNIVERSITY

MASTER OF SCIENCE IN COMPUTER SCIENCE

YEAR 1 - FALL SEMESTER

CIS 5333	Algorithms and Data Structures	3
CIS 5423	Programming Languages	3
Total Credits	.....	6

YEAR 1 - SPRING SEMESTER

CIS 5323	Database Systems	3
CIS 5923	Operating Systems	3
Total Credits	.....	6

YEAR 1 - SUMMER

CIS 5153	Managing Cloud Infrastructure & Security	3
CIS 5733	Parallel Computing	3
Total Credits	.....	6

YEAR 2 - FALL SEMESTER

CIS 5523	Applied AI: Solutions for Business & Technology	3
CIS 5383	Big Data Analytics for IoT	3
Total Credits	.....	6

YEAR 2 - SPRING SEMESTER

CIS 5613	Advanced AI for Business, Technology, & Decisions	3
CIS 5973	Advanced CS Solutions - Capstone Project	3
Total Credits	.....	6

Note: This is a proposed two-year plan

Student plans are individualized based on their needs and course availability.

Total Credits to Graduate: 30

Updated Spring 2025