



# Southwest Baptist UNIVERSITY

## MASTER OF SCIENCE IN COMPUTER SCIENCE

### YEAR 1 - FALL SEMESTER

CIS 5423	Programming Languages	3
CIS 5333	Algorithms and Data Structures	3

**Total Credits** ..... **6**

### YEAR 1 - SPRING SEMESTER

CIS 5923	Operating Systems	3
CIS 5323	Database Systems	3

**Total Credits** ..... **6**

### YEAR 1 - SUMMER

CIS 5733	Parallel Computing	3
CIS 5153	Managing Cloud Infrastructure & Security	3

**Total Credits** ..... **6**

### YEAR 2 - FALL SEMESTER

CIS 5383	Big Data Analytics for IoT	3
CIS 5523	Applied AI: Solutions for Business & Tech	3

**Total Credits** ..... **6**

### YEAR 2 - SPRING SEMESTER

CIS 5613	Advanced for Business, Tech & 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*