Southern Wesleyan University | College of Arts & Sciences

Kelly Grogan, Ph.D.
Division Chair
kgrogan@swu.edu

B.S. in Computer Information Systems (59-61 credits)

Division of Science

Sample Four-Year Degree Plan

The Computer Information Systems program equips students with the necessary skills for diverse careers in technology. Its comprehensive curriculum encompasses ethical decision-making grounded in a theological understanding, advanced programming, network management, and systems analysis. Graduates are prepared for roles in network administration, database management, web design, business, and media. Qualified CIS majors are eligible for the Enhanced LIFE Scholarship and the Enhanced Palmetto Fellows Scholarship.

Year 1 Fall (16 credits)	
CPSC 1003 Introduction to Computer Programming I	3
CPSC 1103 – Intro to Computers and Information Processing	3
SEMR 2323 Foundations for Success	3
ENG 1003 Freshman Composition I	3
MATH 1064 – Algebra and Trigonometry	4
Year 2 Fall (15 credits)	
CPSC 2253 Object-Oriented Programming I	3
CPSC 2293 – Web Page Design and Programming	3
ENGL 2103 – Speech Communication	3
BIBL 1013 – Old Testament Survey	3
Concentration Course 1	3
Year 3 Fall (15 credits)	
CPSC 2303 Hardware and Software Configuration and Support	3
CPSC 3003 Database Design and Implementation I	3
Concentration Course 4	3
Concentration Course 5	3
Core Course (Social Science)	3
Year 4 Fall (16 credits)	
CPSC 3623 – Networking II	3
CPSC 3354 – Operating Systems and Servers	4
Concentration Course 8	3
Major Elective	6

Year 1 Spring (15 credits)	
CPSC 1903 Introduction to Computer Programming II	3
CPSC 2103 – Advanced Software	3
RELG 2403 – Basic Christian Beliefs	3
ENGL 1013 Freshman Composition II	3
Core Course (History)	3
Year 2 Spring (15 credits)	
CPSC 2503 – Networking I	3
BIBL 1023 – New Testament Survey	3
ASTH 2053 Music and Art Appreciation	3
Concentration Course 2	3
Concentration Course 3	3
Year 3 Spring (16 credits)	
CPSC 3103 Systems Analysis and Design	3
Concentration Course 6	3
Concentration Course 7	3
Free Elective	3
Core Course(Natural Science)	4
Year 4 Spring (14 credits)	
CPSC 4202 Computer Science Senior Capstone	2
Major Elective	3
Concentration Course 9	3
Free Elective	3
Free Elective	3

This sample plan represents one possible pathway through the major. Individual plans may vary, and some courses are not offered every year. Students must select a concentration in one of three areas: Business Informatics, Media Informatics, or Music Informatics. To qualify for the STEM Enhancement of the LIFE or Palmetto Fellows Scholarship in Year 2 and beyond, students must complete at least 14 credits of math and science courses in Year 1. Students should plan to take at least one lab course every semester to remain on track for graduation.