



SOUTHWESTERN
COLLEGE
PROFESSIONAL STUDIES

COMPUTER SCIENCE



Undergraduate Degree

Computer Science learners will take a hands-on approach to algorithms, data structures, software design, the concepts of computer programming. The program stresses software development through assignments covering the design and implementation of systems in modern programming languages to meet up-to-date computing and data needs of business, education, and industry.

Applied Learning

Hands-on experience through real-life scenarios

Credit Awarded From

- Prior college
- Military
- Work/Life Experience
- Exams (CLEP, DSST)

Flexible

Six-week online classes

Expert Instruction

Learn from practicing professionals

About Southwestern College

Southwestern College Professional Studies offers practical online degree programs focused on an enhanced learner experience, provided by a regionally accredited, 130+ year old non-profit institution. Each learner can expect: hands-on counselors to help you navigate your program requirements; generous transfer credits to reduce your overall cost and time to completion; progressive, nationally recognized programs; accessible student resources to minimize the stress of degree completion; and small class sizes with experienced, practicing faculty to facilitate interaction and ensure your academic success.



Bachelor of Science in Computer Science

Core Major Requirements

- MASC110 Statistics and Probability
- CSCI322 SQL Fundamentals
- CSCI324 Advanced SQL
- CSCI421 Java Programming Principles 1
- CSCI434 Web Programming
- CSCI423 Project: Designing and Programming an Application
- CSCI431 Java Programming Principles 2
- CSCI432 Visual Basic.Net Programming Essentials
- SMGT341 Principles of Information Security
- CSCI290 Computer Science Essentials
- CSCI497 Computer Science Capstone

General Education Requirements

Basic Skills

- CORE110 Information Literacy
- ENGL101 Composition 1
- ENGL102 Composition 2
- COM 125 Speech

Ethical Reasoning

- HUM 201 Ethics

Disciplinary Perspectives

- Natural Science (3 or more credit hours)
- Social Science (3 or more credit hours)
- Humanities (3 or more credit hours)
- The Arts (3 or more credit hours)
- Other Cultures (3 or more credit hours)

Capstone

- CSCI497 (Senior capstone or major capstone course - 3 credit hours)

Graduation Requirements

1. Complete all foundation and major courses with an overall GPA of 2.0
2. Complete a minimum of 124 credit hours, with at least 60 hours at a bachelor's degree-granting institution
3. Complete at least 30 credit hours with a C average or above from Southwestern College

Program Description

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Admission Requirements

1. Applicants must be graduates of an accredited high school or have completed a GED®
2. Minimum GPA of 2.0

All degree requirements are subject to change. Please see the Southwestern College Catalog for the most current degree requirements. All course descriptions can be found online at ps.sckans.edu

