DEGREE PLANS

Major+Minor Option (58 hours):
CS1613 Computer Science I
CS1623 Computer Science II
CS2513 Seminar in Programming
CS2813 Data Structures
CS3143 Computer Architecture
CS4113 Operating Systems
CS4223 Algorithm Analysis
CS4423 Software Engineering
CS4623 Advanced Web-based Application Dev.
CS4981 Senior Seminar
CS4323 Programming Languages
CS4643 Distributed Networks
CIS2343 Web Page Design
CIS3223 Net-Centric Computing
CIS3323 Advanced Database Analysis
CIS4343 Applied Net-Centric Computing
MATH2013 Introduction to Discrete Math
STAT2153 Statistical Methods
CS Electives (6 hours)

Major only Option (40 hours):
CS1613 Computer Science I
CS1623 Computer Science II
CS2513 Seminar in Programming
CS2813 Data Structures
CS3143 Computer Architecture
CS4113 Operating Systems
CS4223 Algorithm Analysis
CS4423 Software Engineering
CS4623 Advanced Web-based Application Dev.
CS4981 Senior Seminar
CS Electives (12 hours)

FACULTY INFORMATION

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DESCRIPTION
Computer Science graduates are in high demand, sought by business, industry, government and universities. “Software architect” is the best booming job in America based on salary and job growths, according to CNNMoney.com and darwinsfinance.com.

The Computer Science curriculum at SE not only offers traditional computing courses such as data structures, programming languages, databases, computer architectures, operating systems, algorithm analysis, software engineering, compiler constructions, etc. We also offer special hands-on and cutting-edge courses:
- Advanced web-based app development
- Applied net-centric computing
- Cloud Computing
- Super-Computing
- Smartphone/Tablet app development (for iOS and Android devices)
- Computer Forensics

In addition, we also work with variety of companies and organizations to provide Internship opportunities.

DEGREE OPTIONS
Student graduate with a Bachelor of Science in Computer Science. Two options are available for computer science major. A 58 hour major-minor option and a 40 hour major only option (students choosing major only program also need take a minor in any field).

NOTABLE ACHIEVEMENTS
Computer Science faculty are recognized for their publication achievements worldwide in their respective research areas. Many of the Computer Science graduates have been showing ingenuity by starting thriving companies that provide excellent services to the region. In addition, they create job opportunities and contribute to the economic growth in the area and as well as other states.

INTEREST AND SKILLS
Typically, computer science students are interested in computer programming and problem solving with math/IT knowledge. Students in computer science major are extensively trained in attention to details, logical thinking, and analytical thinking. Our programs prepare students with skills in software development, IT infrastructure management, using/building internet services, and providing computation solutions to business, engineering, sciences, arts, education, government, etc.

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TYPES OF EMPLOYERS
Computer Software Developers, Telecommunication Companies, Universities, Banks, Hospitals, Governments, Industries

JOBS OF RECENT GRADUATES
- Software Engineer, Texas Instruments
- Web Developer, BoxCar Creative Dallas
- IT Specialist, SE University
- IT Specialist, Durant I.S.D.
- OneNet-OKC
- Computer Service, Durant-OK
- Oklahoma Steel and Wire, etc.

JOBS OF EXPERIENCED GRADUATES
- Founder and President, Texoma Hosting
- Founder and President, Risenhoover Consulting
- System Administrator, Texas Instrument, TX
- IT Manager, Cimarron Casino
- Network Operations Director, SE University
- Executive Director/CIO, SE University
- IT Director, Marietta, I.S.D

TESTIMONIALS
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