



What can I do with a Major in...

Major: Computer Science

O*net Outlook Link to Career Titles

[Computer Science Teachers, Postsecondary](#)

[Computer Security Specialists](#) *InDemand*

[Computer and Information Systems Managers](#) *InDemand*

[Computer Software Engineers, Applications](#) *InDemand*

[Computer and Information Scientists, Research](#) *InDemand*

[Mathematical Science Teachers, Postsecondary](#)

[Network and Computer Systems Administrators](#) *InDemand*

[Computer Systems Analysts](#) *InDemand*

[Database Administrators](#) *InDemand*

[Electronics Engineering Technicians](#) *InDemand*

[Library Science Teachers, Postsecondary](#)

[Computer Programmers](#) *InDemand*

[Computer Software Engineers, Systems Software](#) *InDemand*

[Computer Hardware Engineers](#) *InDemand*

[Computer Operators](#)

Knowledge, Skills and Abilities Learned with this Degree:

Knowledge:

Computers and Electronics

Mathematics

Design

Telecommunications

Operating Systems

Skills:

Operations Analysis

Mathematics

Programming Language Concepts

Science

Trouble Shooting

Active Learning

Critical Thinking

Active Listening

Speaking

Judgment & Decision Making

Abilities:

Written & Oral Comprehension and Expression

Mathematical Reasoning
Inductive and Deductive Reasoning
Information Ordering
Problem Sensitivity
Abstract and Formal Reasoning
Advanced Quantitative Abilities

Links:

Job Search Websites:

[Tech-Centric](#)

[Jobs for programmers - 6000 employers](#)

[IT Careers.com](#)

[Cobol Jobs](#)

[Jobs in C++](#)

[Computerwork.com](#)

[Society for Technical Communication](#)

[Dice dot Com](#)

[UNIXL](#)

Associations:

[American Society for Information Science and Technology](#)

[Association for Computing Machinery](#)

[Engineering dot Com](#)

[IEEE Computer Society](#)

[Internet Society](#)

[Association for Women in Computing](#)

[Independent Computer Consultants Association](#)

[The System Administrators Guild](#)

[Computing Research Association](#)

[American Mathematical Society](#)

[Society for Industrial and Applied Mathematics](#)

Examples of Employers Recruiting UNT Computer Science Majors:

Alcatel

American Airlines

AMX Corporation

ASRC Aerospace Corp

Atmos Energy Corporation

BMC Software

Brinks Home Security

Burlington Northern Santa Fe Railway (BNSF)

Compuware Corporation

COMSYS

Countrywide Home Loans

Dark Horse Productions, Inc.

DRS Infrared Technologies, LP

eBay Inc.

eInstruction Corporation

Electronic Data Systems (EDS)

Ethos Group

Galderma Laboratories LP

Growth Software Solutions, LLC.
IBM Corporation
Intervoice, Inc.
Intuit 1
INX 1
iOLAP, Inc.
JMR Technology, Inc.
JP Morgan Chase
McKesson Corporation
Microsoft Corporation
New Legend Media
Nokia
Objectsoft Group Inc.,
Paccar, Inc./Peterbilt Division
Paradigm Entertainment, Inc.
PepsiCo
Perot Systems Corporation
QuickCARE Software Services, LP
Radiant Systems
Raytheon Company
Ryan & Company
Ryder
Sabre Holdings
Scalability Experts
Segnant Technologies
Sierra Infosys Inc.
Sipera Systems
Skywire Software
Softpath System, LLC
Software Architects
Software Spectrum
Source Data Solutions
TAC
The Software Group
TriTech Software Development Corp.
Trium Corp
USAA
Verizon Information Services
VideoPlus
voiceXnet, LLC.
XTS Group

Majoring in Computer Science:

UNT's Department of Computer Science and Engineering offers a bachelor of science degree with a major in computer science or computer engineering and a bachelor of arts with a major in computer science. As a computer science major, you may receive research experience and academic credit by working in a UNT laboratory or research center.

Within the computer science major, you will acquire a background in computer systems, organization and architecture, algorithms and data structures, principles of software design and operating systems. In addition to acquiring knowledge in these fundamental areas, you will select and complete at least five additional advanced

computer science courses, such as games programming, database design, networking or artificial intelligence, among others.

In support of this, the computer science program provides you with a well-rounded education that includes 47 hours of core courses and a significant amount of course work in mathematics, physical and life sciences and oral and written communication.

Career Potential:

Few areas in modern society are untouched by computer science. Computer science is present everywhere from health care, telecommunications, and entertainment, to transportation, education and defense. As a computer science graduate from the University of North Texas, you will have many career choices. Among them are well-paid positions such as database analyst, systems programmer, systems analyst, software engineer, security specialist and many others.

Computer science explores the fundamental nature of computation, asking questions such as: What can or can't be computed? How fast can problems be solved? How can we approach problems that are too complex to solve exactly?

Topics studied in computer science span from theoretical to applied, and computer science majors at UNT become well grounded in timeless, fundamental issues and in current technologies used in industry.

According to projections by the Bureau of Labor Statistics at the U.S. Department of Labor, some of the fastest growing jobs through 2014 are computer related.

UNT's [Career Center](#) can help you prepare to pursue your career. The center has information about jobs and employers, and the staff can help you with resume and letter writing, job search strategies and interview preparation.