


COMPUTER SCIENCE

A photograph of a student in a computer lab. The student is seen from the side, sitting at a desk and using a mouse. On the desk, there is a laptop displaying a 3D wireframe landscape and a desktop monitor displaying a code editor. In the background, other students are visible at their desks. The image is overlaid with a blue and green digital-themed background featuring binary code (0s and 1s) and a keyboard.

LETOURNEAU UNIVERSITY



# COMPUTER SCIENCE

real challenges. real technology.

Are you the person your friends and family come to when they have a problem with their computer or a question about technology? Do you want to be a part of the growing fields of information technology, software engineering, game development or information security? If so, a Computer Science degree from LeTourneau University will prepare you for either a job in a computer-related field or attending graduate school.

## Our Degrees

- Computer Science, B.S.
  - Game Development Concentration
  - Network Security Concentration
- Computer Science and Engineering, B.S.
- Computer Science and Engineering Technology, B.S.
- Computer Information Systems, B.S.
- Computer Science and Mathematics, B.S.
- Computer Science, minor

# WHICH DEGREE IS RIGHT FOR ME?

**Computer Science:** Giving you the practical experience and theoretical foundations to engineer software, this major, with an emphasis on software development, prepares you to be a productive team member, or go directly on to graduate school.

**Computer Science and Engineering:** With a dual emphasis on software and hardware, this degree is unique to LETU. It is made possible by blending the strengths of our CS department and an ABET-accredited engineering program. This major establishes a foundation that spans the breadth of computer science, and sets you apart with the ability to integrate technologies across the computer field.

**Computer Information Systems:** Looking for a solid foundation in business-related information technology? This degree prepares you to be a valuable asset in any business seeking to gain a competitive advantage in technology. Learn business and information management skills that will help you succeed.

**Computer Science and Mathematics:** Do you enjoy the challenges of math and appreciate the computational power of computers? This major combines the analytical power of mathematics with the applied skill of software development to solve complex problems using today's technology.



**Game Development Concentration:** Have ideas on how to make a better game? Want to work in the exciting and fast-paced world of game development? This concentration set you apart from the competition for jobs in computer-based entertainment. Create new games and the software needed to advance the gaming industry. Courses include computer graphics, game development, artificial intelligence and a game project course.

**Network Security Concentration:** Information security impacts everyone, but who can be trusted to configure and manage the secure networks of the future? If you want to be the person businesses and institutions need to provide better network protection on every level, consider this concentration.

# WHY LETOURNEAU UNIVERSITY?

- The CS department offers supportive faculty, small class sizes and an impressive record of graduate employment.
- LETU is a leader in technology education. We were the first member of the Coalition of Christian Colleges and Universities to offer a degree in computer science and engineering.
- LETU offers a rich technological environment with an emphasis on personal development.
- LETU recently received more than half a million dollars from the National Science Foundation for scholarships in computer science and other technical fields. This means more opportunities for you to get financial assistance.

## OUR GRADS ARE HIRED BY:

- IBM
- Microsoft
- Boeing
- Texaco
- Rockwell Collins
- Lockheed Martin
- Texas Instruments
- GE Energy Services

## OR ATTEND GRADUATE SCHOOL AT:

- UCLA
- Embry-Riddle
- Southern Methodist University
- UT-Austin
- Iowa State University
- San Diego State University





“My computer science education at LETU provided me with the technical background I needed to immediately be productive in my job. It also gave me confidence and the ability to solve challenging problems that occur in the cutting edge of the software industry.”

—Alyssa Goodenberger '05, software engineer, L-3 Communications

## NEED MORE INFO?

Get lots more info on our Web site at [www.letu.edu/computer-science](http://www.letu.edu/computer-science) or call 800-759-8811.

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