UNLV | Howard R. Hughes College of ENGINEERING

***The UNLV College of Engineering offers Ph.D., Master's, and Bachelor degrees in many areas:***

**B.S. in:**
Civil and environmental engineering
Computer science
Construction management
Electrical and computer engineering
Entertainment engineering and design
Mechanical engineering

**M.S. in:**
Aerospace engineering
Biomedical engineering
Civil and environmental engineering
Computer science
Construction management
Electrical and computer engineering
Materials and nuclear engineering
Mechanical engineering
Transportation

**Ph.D. in:**
Civil and environmental engineering
Computer science
Electrical engineering
Mechanical engineering

**Short Term Internship (6 weeks-3 months):**
For college students majoring in any engineering or computer science. UNLV assists with J-1 visa preparation.

***TUITION COST***

Tuition and fees apply. See website for details: **https://www.unlv.edu/about/college-costs**

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**FURTHER INFORMATION**

Contact the College of Engineering
Exchange Program Coordinator
Rosangela Brazão Wacaser
Rosangela.wacaser@unlv.edu
Phone: 1-702-895-3673
**https://www.unlv.edu/engineering**

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# Study Engineering and Computer Science at the University of Nevada, Las Vegas

**Las Vegas provides the perfect environment to learn engineering. The city has emerged as a vibrant urban center with major engineering projects. UNLV offers great opportunities to study renewable energy, robotics, transportation, water and wastewater engineering, entertainment engineering, computer engineering and computer science.**

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## *Civil and Environmental Engineering and Construction*

Civil engineering includes in-depth study in environmental engineering as well as construction, geotechnical, structural, transportation, and water resources. Environmental engineering is concerned with the design and construction of water and wastewater treatment plants, managing storm water quality, air pollution control, and solid and hazardous waste treatment. Construction management involves the engineered construction of buildings, foundations, bridges, highways, power plants, water and other public works essential to quality of life in an industrial society.

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## *Electrical and Computer Engineering*

The department of electrical and computer engineering provides students with the knowledge to design computer hardware or software. It also gives students the skills to be responsible for the analysis, design, and development of systems that process, communicate, interface, and display information. Electrical engineering is the application of scientific and mathematical principles to the design, manufacture, and control of machines, process, and systems. Computer engineering applies principles from several fields from electrical engineering and computer science to design computer systems.

## *Computer Science*

The department of computer science explores the techniques for creating groundbreaking algorithms, implementing algorithms as programs, and executing the programs on computers. The department also offers programs on Big Data, cyber security and social computing.

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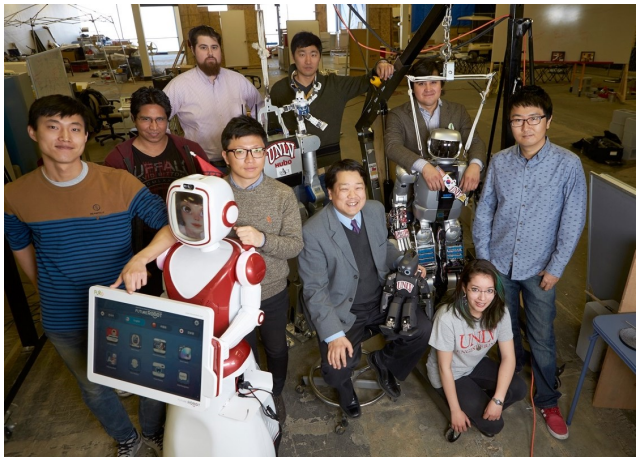
## *Mechanical Engineering*

The department of mechanical engineering prepares students to become problem solvers through the application of science in relation to forces, work or energy, and power in designing systems, to ultimately contribute to the betterment of the human environment. Mechanical engineering involves planning, design manufacturing, and operation of devices, machines, and systems.



## *Entertainment Engineering and Design*

Entertainment engineering and design positions students to become competitive in the growing entertainment market with practical application and training in engineering principles, new materials, emerging technologies, and traditional theatrical practices while still recognizing the artistic demands of the entertainment industry.