Graduate Student Recruitment

College of Engineering
Fall 2015
Life in Utah

• **Salt Lake City**
  • #1 Nine Hot Startup Cities That Aren’t San Francisco or New York – Entrepreneur
  • #1 10 Best Midsize Cities for College Graduates – MyLife
  • #3 Best Cities for Recent Grads – Kiplinger
  • #4 Best Cities for Young Professionals – Forbes

• **State of Utah**
  • #1 Best States for Business – Forbes
  • #1 Economic Outlook – American Legislative Exchange Council
  • #1 States with Total Job Growth – U.S. Bureau of Labor Statistics
  • #1 Best States to Repay Student Loans – Schools.com
  • #1 Happiest States in America – WalletHub
  • #2 Best Business Climate – Business Facilities Magazine
  • #3 Top States for Business – CNBC
Graduate Programs

Departments
• Bioengineering
• Mechanical Engineering
• Electrical and Computer Engineering
• Civil Engineering
• Materials Science and Engineering
• School of Computing
• Chemical Engineering

Programs
• Entertainment Arts and Engineering
• Utah Nuclear Engineering
• Petroleum Engineering
• Computer Engineering
• Big Data
• Data Center Engineering
Graduate Application

- Financial support readily available
- No cost for domestic Ph.D. applicants
- Foreign applicants pay $15
- Fellowships, teaching assistantships
Materials engineering graduate students founded Power Practical, a startup for a portable cook pot that transforms heat and water into a power source.

Power Practical received backing from billionaire investor Mark Cuban after an appearance on *Shark Tank* in 2014, and are now focusing on emerging markets.
Multidisciplinary Institutes and Centers

- Scientific Computing and Imaging Institute
- Institute for Clean and Secure Energy
- Energy & Geoscience Institute
- Nano Institute
- Utah Nanofab
- Cardiovascular Research and Training Institute
- NSF Materials Research Science and Engineering Center
- U.S.-Pakistan Centers for Advanced Studies in Water
- Center for Engineering Innovation
- Utah Center for Nanomedicine
- Utah Center for NanoBioSensors
- Utah Center for Nanomaterials
- Utah Center for System Integration
- Utah Center for Interfacial Sciences
- Utah Center for Advanced Imaging Research
- Utah Center of Trace Explosives Detection
- Center for Neuroimage Analysis
- Center for Parallel Computing
- NIH Center for Integrative Biomedical Computing
- Center for Controlled Chemical Delivery
- Rocky Mountain Center for Occupational & Environmental Health
- NVIDIA CUDA Center of Excellence
- Center of Excellence for Biomedical Microfluidics
- Center for Neural Interfaces
- Global Change & Sustainability Center
- Carbon Capture Multidisciplinary Research Center
- Center for Extreme Data Management Analysis and Visualization
Tenure-track Faculty Growth
Research Expenditures

$80M
$70M
$60M
$50M
$40M
$30M
$20M

2002  2014