WELCOME TO THE COLLEGE OF ENGINEERING!
CONGRATULATIONS
WE ARE SO HAPPY YOU ARE HERE!
ENGINEER LIKE A VANDAL

ONE OF THE TOP 7 IN THE NATION
recognized for “infusing real-world experiences into engineering education” through our interdisciplinary Capstone Design Program
– National Academy of Engineering

NATIONALLY RANKED BEST VALUE
by Forbes, Money, U.S. News and World Report and The Princeton Review

HIGHEST SALARY EARNINGS
for early- and mid-career undergraduate degree recipients than any other public university in Idaho
– PayScale 2019 College Salary Report

MORE SCHOLARSHIPS AWARDED than any other public engineering program in the state
– 2019-2020 Financial Aid Data

87% GRADUATE WITH JOBS or are enrolled in additional education or military service
– 2016-2018 U of I Career Services Outcomes Survey
STUDENT SUCCESS IS OUR PRIORITY

- Professional and Faculty Academic Advisors
- Career Advising Liaison
- Cohort housing options
- Student spaces (thinkTANK)
- Tutoring for engineering courses

Remote student services are available. Contact engr-sss@uidaho.edu or 208-885-6470.
UNIQUE PROGRAMS

- Cooperative Education Program (Co-op)
- Grand Challenge Scholars Program
- Nationally Recognized Capstone Design Program
- Honors Program
- Engineering Scholars

LEARN MORE AT UIDAHO.EDU/ENGR-DEGREES
GET INVOLVED!

- 20+ clubs and organizations tied to international and national engineering organizations
- Nationally recognized competition teams

LEARN MORE AT UIDAHO.EDU/ENGR-CLUBS
AMBASSADOR PROGRAM

Current engineering students who represent the College of Engineering, and engage prospective and current students and their families.

Activities:

- On & off campus events, career fairs
- Departmental tours
- Competition judging
- School visits

LEARN MORE AT UIDAHO.EDU/ENGR-AMBASSADORS
FERPA
(FAMILY EDUCATION RIGHTS AND PRIVACY ACT)

Student have rights with their educational records. Students must provide written consent to allow sharing of their information.

- Have an awareness of key times in a semester
- Encourage your child to utilize resources
  (academic advisor, tutoring, instructors, etc.)
VIRTUAL UIDAHO BOUND

LEARN MORE AT UIDAHO.EDU/UIDAHO-BOUND

- Virtual campus tour
- Check out the resources to learn about University of Idaho and all we have to offer.
- Watch our virtual presentation!
- Get a free UIdaho Bound T-shirt!
BIOLOGICAL ENGINEERING

LEARN MORE AT UIDAHO.EDU/ENGR-DEGREES

- Facilitate drug delivery, cell therapy, and regenerative medicine
- Engineer microorganisms to produce value-added products
- Design and manufacture medical devices
- Make renewable biofuels
CHEMICAL ENGINEERING

LEARN MORE AT UIDAHO.EDU/ENGR-DEGREES

- Refine raw materials into desirable products
- Food processing techniques
- Develop and manufacture pharmaceuticals
- Solve environmental problems, such as pollution
CIVIL AND ENVIRONMENTAL ENGINEERING

LEARN MORE AT UIDAHO.EDU/ENGR-DEGREES

We design INFRASTRUCTURE

- Five subdisciplines:
  - Environmental
  - Water Resources
  - Transportation
  - Structural
  - Geotechnical
COMPUTER SCIENCE

LEARN MORE AT UIDAHO.EDU/ENGR-DEGREES

- Write software programs
- Enhance network security
- Develop games
- Use artificial intelligence to solve societal problems
- Create and manage database systems
- Robotics technologies
ELECTRICAL ENGINEERING

LEARN MORE AT UIDAHO.EDU/ENGR-DEGREES

- Design computers, smartphones and other electronic devices
- Increase efficiencies in complex systems
- Improve the power grid
- Develop applications for microelectronic gadgets
- Enhance and manage signal communication systems
COMPUTER ENGINEERING

LEARN MORE AT UIDAHO.EDU/ENGR-DEGREES

- Develop hardware for devices like laptops, cell phones, and modern cars
- Design and test circuits for improved reliability
- Improve the security of communications and the power grid
MECHANICAL ENGINEERING

LEARN MORE AT UIDAHO.EDU/ENGR-DEGREES

- Design mechanical systems like planes, cars and robots
- Prosthetic devices to improve lives
- Improve efficiencies in power generation systems
- Enhance industrial and manufacturing processes
STUDENT INSIGHT

Nick Pancheri, Biological Engineering
Ali Davies, Chemical Engineering
ACADEMIC SUPPORT PROGRAMS (ASP)

VANDAL SUCCESS CENTER, ISUB, 3RD FLOOR
WWW.UIDAHO.EDU/TCS
208-885-1021
GRAND CHALLENGE SCHOLARS PROGRAM

• Only undergraduate program in Idaho established to educate a new generation of engineers to tackle the most pressing issues facing the 21st century.

• Improve sustainability, security, health, and joyful living

• Research experience, interdisciplinary curriculum, entrepreneurship and innovation, global awareness, and service learning

• Video at https://youtu.be/eRUuJM7A068

LEARN MORE AT UIDAHO.EDU/GRANDCHALLENGES
THANK YOU!

UIDAHO.EDU/ENGR
ENGR-SSS@UIDAHO.EDU
208-885-6470
U OF I COOPERATIVE EDUCATION PROGRAM

- Earn $18,000-$28,000 as a student
- Partnering companies: SEL, BorgWarner, Micron, Ednetics, Safeguard Equipment, HP, Pacific Northwest National Laboratory, Idaho National Laboratory, Itron, etc.

“\[I was treated just like a full-fledged employee right from the start. That really surprised me. I am leaving my mark on this company. I accomplished something that was truly helpful to them, and it will be here long after I leave.\]

- Devin Driggs ‘19, Co-op student at Micron

LEARN MORE AT UIDAHO.EDU/CO-OP
ENGINNEERING SCHOLARS

• Invitation only, for high achieving students
• On-campus lectures from world-class engineers
• Industry visits
• Undergraduate research and community service projects
• More personal interactions and social activities to meet engineering faculty, staff, and students.
HONORS PROGRAM

• One-on-one learning from selected professors

• Leadership and undergraduate research opportunities

• Access to scholarships

• Diverse extracurricular activities

• Powerful learning environment that promotes developing and exploring your abilities, passions, and seeking new challenges and opportunities.

• Cohort housing options in which you live in the company of other honors program students