STRATEGIC PLAN · 2022
FORWARD. Faster.
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Mission
Advancing technical and scientific knowledge and capabilities to improve quality of life for our global society.

Vision
We are a diverse learning and teaching community discovering creative solutions for healthy, global citizens living in a smart, sustainable world.
Our Values
STRATEGIC OBJECTIVES
STRATEGIC OBJECTIVE #1

Instill a culture of inclusive excellence and more than double the percentage of students who come from diverse backgrounds.

TD1SI1: Financial Support for Students
TD4SI2: A Community of Diversity, Equity and Inclusive Excellence
BUILD A SMART, SUSTAINABLE WORLD

DEVELOP AND INSPIRE HEALTHY GLOBAL CITIZENS

STRATEGIC OBJECTIVE #2

Focus our research and education program to address two, relevant real-world global goals.

TD1SI2: Enhancing and Expanding our Learning Environment
TD1SI3: SI 3: Navigating DU, Navigating Life
TD2SI3: SI 3: International Impact
TD4SI3: Sustainable DU
STRATEGIC OBJECTIVE #3

Modernize the undergraduate program.

TD1SI2: Enhancing and Expanding our Learning Environment
TD1SI5: Preparing for Careers and Lives of Purpose
TD2SI3: International Impact
TD2SI4: Knowledge Bridges
STRATEGIC OBJECTIVE #4

Grow the research enterprise.

TD2SI1: Faculty Talent, Excellence and Diversity Initiative
TD2SI2: Supporting Research, Scholarship and Creative Expression
TD3SI4: Partner in Innovation and Entrepreneurship in Denver
TD4SI3: Sustainable DU
STRATEGIC OBJECTIVE #5

Offer a suite of highly relevant new programs.

TD2S15: Preparing for Careers and Lives of Purpose
TD3S14: Partner in Innovation and Entrepreneurship in Denver
STRATEGIC OBJECTIVE #6

Improve brand domestically and abroad.
PROJECT X-ITE

DIGITAL LITERACY

E-STEM CENTER

INSTITUTE ON DISRUPTIVE INNOVATION

NEW PROGRAMS

UNIVERSITY-WIDE INITIATIVES

TD2SI 6: Project for Innovation, Entrepreneurship and Technology
TD3SI4: Partner in Innovation and Entrepreneurship in Denver
OUTCOMES
Thank you!
Appendix
VALUES

We believe:

- **Students are the center** of our academic programs
- Students gain deeper knowledge through **experiential learning**
- **Inclusive excellence is essential** to tapping into diverse talents, ways of thinking and working together
- **Collaboration across disciplines, boundaries and fields** can lead to breakthroughs and innovation
- **Continuous innovation** is essential to teaching and research
- Creative thinking is fueled by an **inquisitive nature and a quest for discovery**
STRATEGIC OBJECTIVES

Strategic Objectives

• Instill a culture of inclusive excellence and more than double the percentage of students who come from diverse backgrounds
• Focus research and education programs to address two relevant, real-world Global Goals
• Modernize the undergraduate program
• Grow the research enterprise
• Build a suite of highly relevant new programs
• Improve brand and reputation domestically and abroad
OUTCOMES

In three to five years, the Ritchie School will become known as an innovative jewel of a school in engineering and computer science that has achieved the following:

• Substantially greater percentage of undergraduates will be students of color, will be women, and will be 1st generation
• Substantially more undergraduates will major in engineering or computer science and more non-majors will take more Ritchie courses
• New programs will contribute substantial new revenue to the unit
• The amount of research funding flowing through, and PhD students, in the School will have increased dramatically
• Ranked by USNWR in Graduate Engineering and Computer Science
• Improve USNWR Undergraduate Engineering Ranking
• Lead up to five critical University–wide initiatives
STRATEGIC OBJECTIVE #1

Instill a culture of inclusive excellence and more than double the percentage of students who come from diverse backgrounds

- Women: 30%
- Women of Color: 20%
- Students of Color: 30%
STRATEGIC OBJECTIVE #2

Focus our research and education program to address two, relevant real-world global goals:

1. **Develop and Inspire Healthy Global Citizens**
2. **Build a Smart, Sustainable World**
STRATEGIC OBJECTIVE #3
Modernize the undergraduate program

• All students participate in at least one (1) project-oriented, team-based, customer / product / service-driven experiential, inclusive, and public-good oriented course each year
• All students engage in at least one (1) extra-curricular experience each year
• All students have at least one internship or Co-Op before they graduate
• All students have an NAE Grand Challenges experience
• Faculty commit to a high level of engagement with students inside and outside the classroom
• All students are assessed annually against the Ritchie School graduate characteristics
STRATEGIC OBJECTIVE #5

Offer a suite of highly relevant new programs

• Examples: certificates, competencies, new Masters
  • Suite of MS Degrees
    • Cybersecurity
    • Data Science
    • Internet of Things
    • Web Development
    • Financial Engineering
    • Product Design

• Description
  • Accelerated Format, designed to be completed in 12 Months
  • Full time, On-Campus
  • Discounted Tuition
  • Industry Internship Required Component of Curriculum
  • Non-Thesis, Terminal Degrees
UNIVERSITY-WIDE INITIATIVES

PROJECT X-ITE

INSTITUTE ON DISRUPTIVE INNOVATION

DIGITAL LITERACY

E-STEAM CENTER

MULTI-MODAL, MULTI-DISCIPLINE; NEW PROGRAMS