



Environmental Innovations Initiative

UNIVERSITY of PENNSYLVANIA

Penn Academic Climate Commitment Benchmarks

In collaboration with the leadership of each of Penn's 12 Schools, the Environmental Innovations Initiative tracked benchmarks that support their academic climate commitments. These benchmarks aim to build relationships and coalitions, inform communication strategies, and honor the work already being done.

School of Arts & Sciences

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 239

Course Inventory AY 23-24

Count of courses included: 189

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 2,738

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

Total: \$32,200,771

Max Amount: \$12,810,000

Project Title: High Energy Physics Research at the University of Pennsylvania

PI: Williams, Hugh H. and Kroll, I. J.

The Wharton School

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 33

Course Inventory AY 23-24

Count of courses included: 25

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 2,438

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

Total: \$2,792,232

Max Amount: \$978,068

Project Title: SCC-CIVIC-FA Track B: Inclusive Insurance: Improving the Post-Flood Financial Resiliency of Low- and Moderate-Income Households

PI: Kousky, Carolyn

Annenberg School for Communication

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 1

CIMS 3661 / ANTH3661 / COMM 3661 - Filming the Future of Philadelphia

Course Inventory AY 23-24

Count of courses included: 1

COMM 4330 / ENVS 6330 - Climate Change and Communication: Theories and Applications

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 5

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

Total: \$137,066

Project Title: Greening from the Margins: the Geopolitics of Extractive, Operational, and Post-Consumer E-waste management

PI: Punathambekar, Aswin

School of Dental Medicine

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 0

Course Inventory AY 23-24

Count of courses included: 0

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 0

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

N/A. We analyzed non-human health school's grants.

Weitzman School of Design

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 68

Course Inventory AY 23-24

Count of courses included: 38

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

Total: \$5,739,044

Max Amount: \$2,407,362

Project Title: ARPA-E HESTIA - High-Performance Whole Building Design With 3D-printed, Carbon-Absorbing Funicular Structures

PI: Aviv, Dorit

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 1,017

Graduate School of Education

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 1

EDUC 5431 - Global Citizenship

Course Inventory AY 23-24

Count of courses included: 2

EDUC 5431 - Global Citizenship

EDUC 2500 - Nature RX

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 17

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

Total: \$7,400

Project Title: Collaborative Research: Building Enhanced Scientific Thinking through Modeling Ecosystems

PI: Yoon, Susan A

School of Engineering and Applied Science

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 40

Course Inventory AY 23-24

Count of courses included: 40

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

Total: \$32,676,579

Max Amount: \$14,008,099

Project Title: NSF engineering research center for the internet of things for precision agriculture (IoT4Ag)

PI: Kagan, Cherie R.

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 736

Penn Carey Law School

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 8

Course Inventory AY 23-24

Count of courses included: 10

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 195

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

N/A

Perelman School of Medicine

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 9

Course Inventory AY 23-24

Count of courses included: 6

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 119

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

N/A. We analyzed non-human health school's grants.

School of Nursing

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 5

Course Inventory AY 23-24

Count of courses included: 5

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 36

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

N/A. We analyzed non-human health school's grants.

School of Social Policy and Practice

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 4

Course Inventory AY 23-24

Count of courses included: 2

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

Total: \$627,987

Max Amount: \$360,460

Project Title: Hiring and Staffing Landscape

PI: Rosqueta, Katherina

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 36

School of Veterinary Medicine

Classes with content related to climate, energy, or the environment:

Course Inventory AY 22-23

Count of courses included: 6

Course Inventory AY 23-24

Count of courses included: 6

Number of students enrolled in those classes:

AY 22-23

Unduplicated headcount of enrollments: 91

Research Funding that supports projects related to Climate, energy or the environment:

FY 18-23

Total: \$26,892,466

Max Amount: \$17,860,929

Project Title: Comprehensive Wildlife Health Program for the State of Pennsylvania

PI: Murphy, Lisa A.