

# Welcome to SEAS!

## Admitted Student Visit Day

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**Specialization  
Coordinator**

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# 01 Specialization Overview

Program mission, goals, and overview

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# 02 Faculty

Core and affiliate faculty members

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# 03 Curriculum

Courses, dual degrees, master's projects/thesis

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# 04 Careers and Employment

Alumni outcomes, data

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# 05 SEAS, Ann Arbor, and U-M

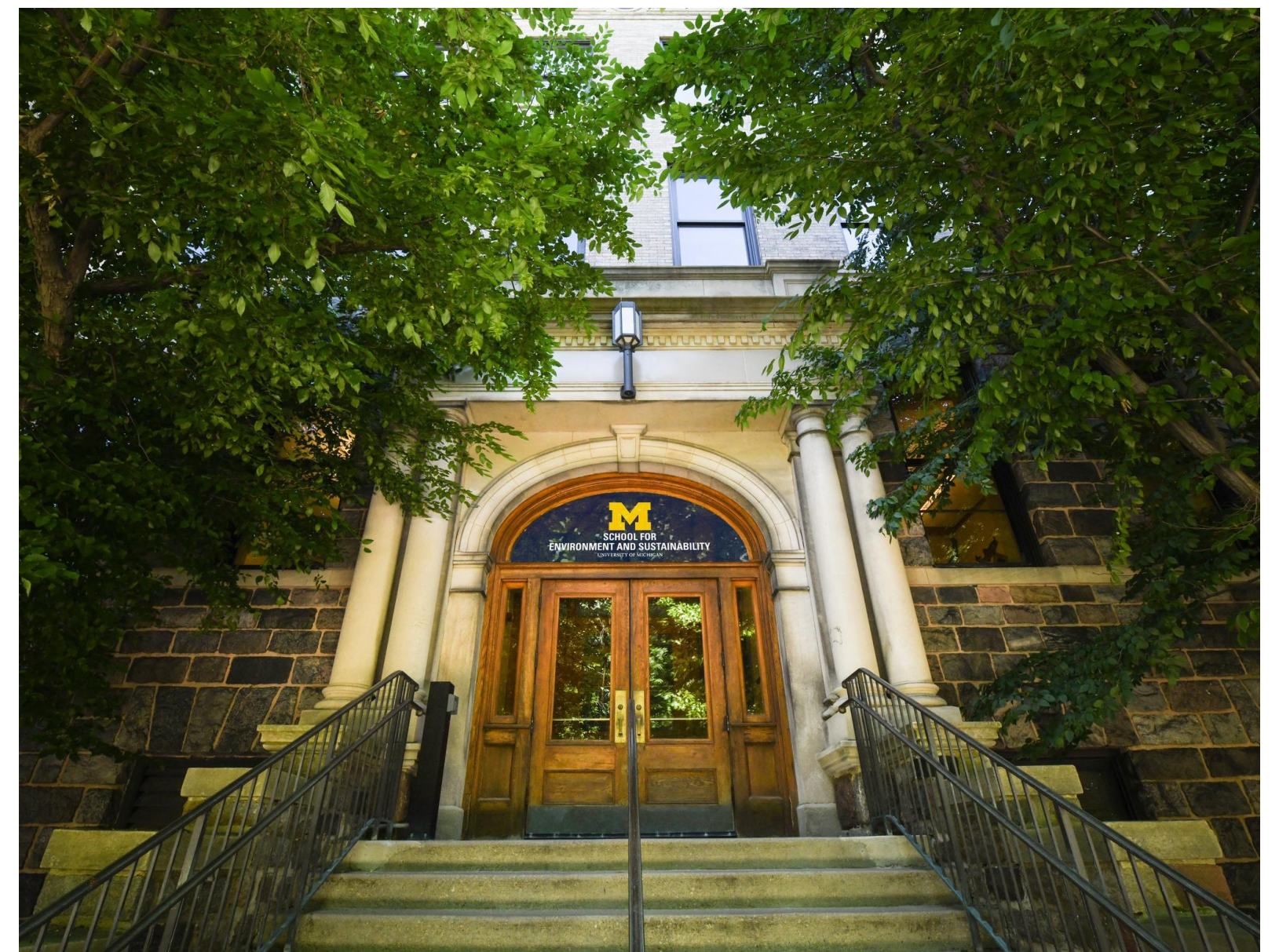
Rankings, community, culture

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# 06 Questions

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# Agenda





# SEAS

Innovative, Integrated, Justice-Oriented, Entrepreneurial, Global

## Mission

At the University of Michigan School for Environment and Sustainability (SEAS), we are at the forefront of building a more sustainable and just world for all by transforming the impact of higher education and reimagining the future. We are advancing action through innovation, research, education and engagement in society, and developing leaders who are empowered to halt the climate crisis and create an environmentally sound future for generations to come.

## Who We Are

Situated within the nation's top public research university, the University of Michigan School for Environment and Sustainability (SEAS) has been a pioneer in environmental education, research, and activism for more than a century.



# Sustainability and Development

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By completing the Sustainability and Development specialization, you become uniquely prepared to meet the rapidly growing need for trained professionals and researchers across the spectrum of sustainability and development sectors at local, national, and global scales.

# The world needs you!

Sustainability and development pose **unprecedented** challenges for people and the planet. The world needs professionals with the **insights and training** to tackle those challenges!

Sustainable development treats sustainability as a **qualifier for development**, we want to place sustainability on **equal** footing with development



## Core Faculty



**Pamela Jagger**

Professor



**Bilal Butt**

Professor



**Nina Brooks**

Assistant Professor



**Rajiv Ghimire**

Lecturer



**Marcelo Goncalves**

Assistant Professor



**Allen Hruska**

Lecturer



**Andy White**

Professor of Practice  
and Engagement

## Affiliated Faculty



**Meha Jain**

Associate Professor



**Rosina Bierbaum**

Professor



**Heidi Hausermann**

Associate Professor



# Further Support

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## Affiliate Faculty

Ines Ibanez  
Ivette Perfecto  
Shelie Miller  
Samuel Stolper

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## Networks

A large network of domestic and international collaborators, colleagues, and alumnae

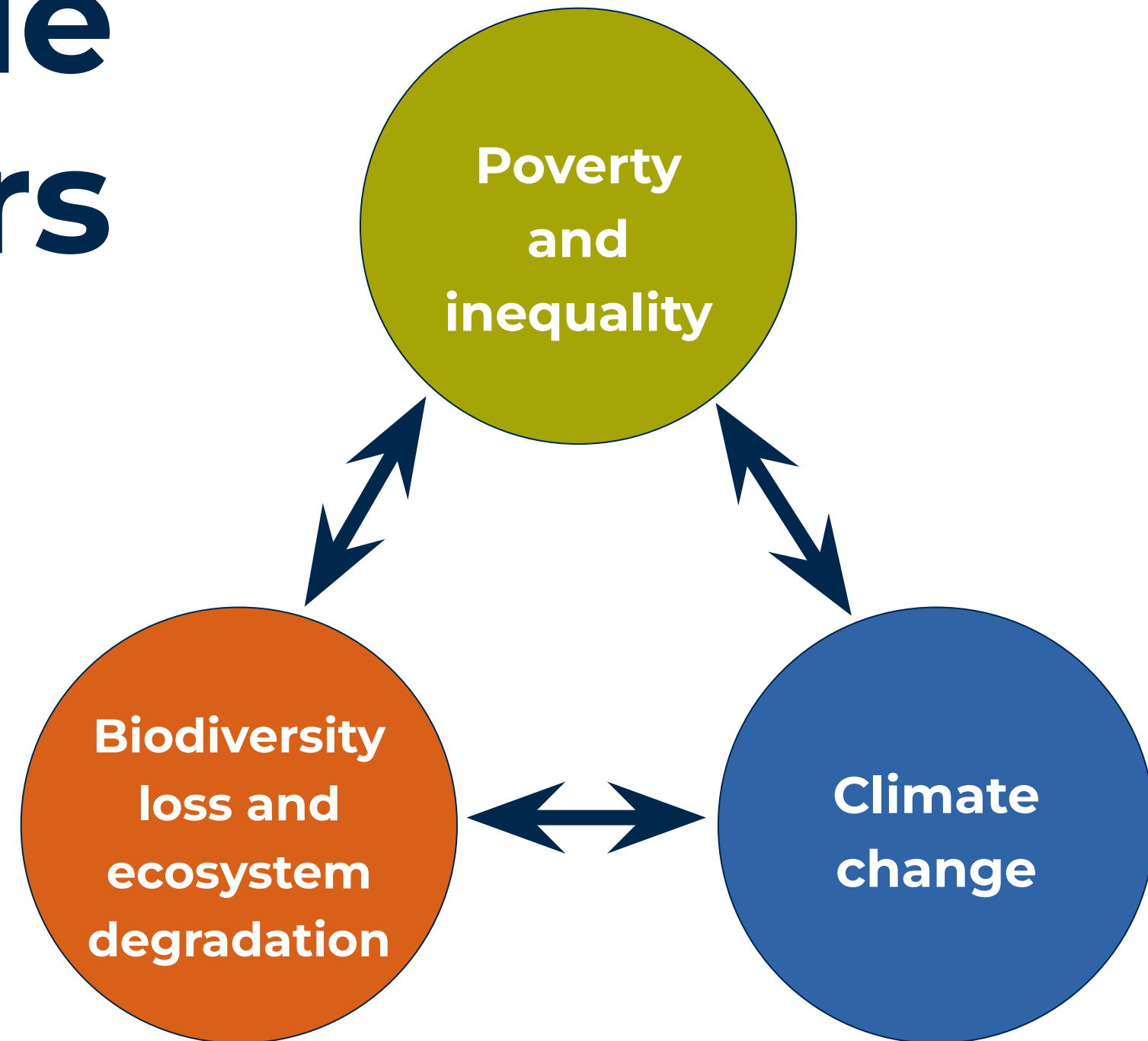
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## Student Track Leaders

Adriana Nieto  
Licieli Olivo  
Jenny Zhang

# SusDev is unique among our peers

We are tackling grand  
challenges in domestic and  
international contexts





# SusDev Objectives

- Develop expertise in **conceptual, theoretical, and methodological** issues associated with sustainability and development
- **Understand the real-world practices** that have helped improve the well-being and have supported major sustainability transitions through new institutions, policies, and behaviors
- **Learn the methods and skills** necessary to implement new visions and practices for greater sustainability and well-being
  - **Core methods:** Institutional analysis, impact evaluation, cost benefit analysis, life cycle assessment, geospatial analyses
  - **Professional skills:** negotiations, conflict resolution, project management, justice and advocacy

# Core Dimensions of SusDev Training

- Poverty and inequality
- Governance and institutions
- Monitoring and evaluation
- Sustainability, transition, and implementation science

# Pillars of SusDev



## Sample Courses

- Foundations in SusDev: Theories and Frameworks
- Program Evaluation
- Conservation and Development
- Environment and Development Economics
- Project Management
- Climate Adaptation and Vulnerability



## Master's Project or Thesis

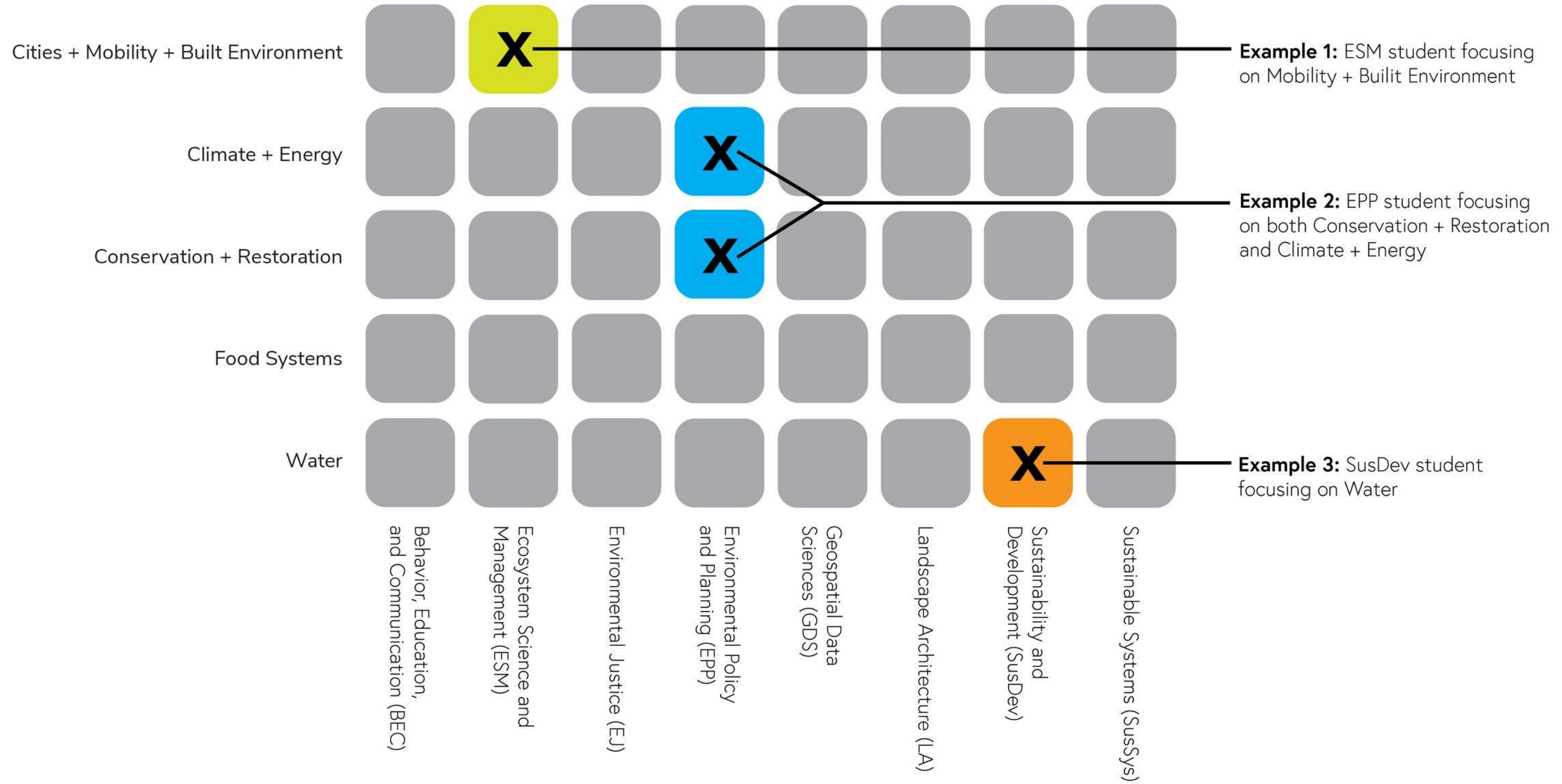
- 16-month group project
- Support a client
- Focus on a challenge
- Professional learning
- Have real world impact



## Dual Degrees

- Other U-M schools
  - Law
  - Public Policy
  - Business
  - Engineering
  - Education

# Themes



# Specializations



# M.S. Capstone Options

## Project

- Work as interdisciplinary team (3 to 7 students)
- Help client solve a real-world issue
- Report and presentation

## Thesis

- Work primarily individually with Faculty Advisor
- Conduct research to answer a scientific question
- Peer-reviewed publication(s)

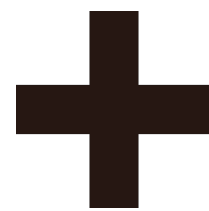
## Practicum

- Work primarily individually with Faculty Advisor
- Help client solve a real-world issue
- Report and presentation

## Non-opus

- For students with ample professional experience
- Only coursework, take additional classes
- Work independently

# Dual Degrees



**Master of science in engineering (MSE)**

**Master of business administration (MBA)**

**Master of urban and regional planning (MURP)**

**Master of science in public policy (MPP)**

**Juris doctor (JD)**

**Self-initiated dual degrees**



# Tailoring your Degree Beyond your Specialization

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## Certificates

- Climate Change Solutions
- Environmental Justice
- Industrial Ecology
- Spatial Analysis
- Sustainability

# Supportive Community

Largest living alumni body of any university



**13,400+**

TOTAL ALUMNI, THE LARGEST GRADUATE  
POPULATION OF ANY ENVIRONMENTAL DEGREE  
PROGRAM



**33%**

OF SEAS ALUMNI HAVE RECEIVED A DUAL  
DEGREE FROM ANOTHER ONE OF U-M'S  
NATIONALLY RANKED TOP 10 PROGRAMS



**Alumni**

ARE REPRESENTED IN ALL 50 STATES AND  
80+ COUNTRIES



# Job Prospects

## All Sectors

- Appx. 170K jobs advertised in sustainability, conservation, and international development last year (min. salary 75K, min. educational qualification = MS degree)
- Key skills employers are looking for: project management, data analysis, machine learning, negotiations, conflict management
- SEAS has a Careers Services Office to support and facilitate successful outcomes on the job market (employer relations, job customization and career services)



## SEAS Employment by Numbers

95%

SATISFIED WITH POST-GRAD POSITION

96%

JOB SEEKERS FOUND FULL-TIME JOBS

90%

FOUND POSITION WITHIN 6 MONTHS

## SUSDEV 2024 Salary Data for Recent Graduates

Average: \$61,906 - Median: \$56,000 - Range: \$24,738\* to \$114,000

# SUSDEV Alumni Jobs

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**Warren Gunn**  
Senior Project Manager  
Energy Trust of Oregon



**Andrea Mahieu**  
Research Area Specialist  
U-M SEAS/Epidemiology



**Alexis Rolling**  
Environmental Quality Analyst  
Michigan Department of  
Environment, Great Lakes, and  
Energy

# SUSDEV Alumni Jobs

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**Sarah Andrews (Slinkman)**  
Environmental Policy Analyst  
US Environmental Protection  
Agency (EPA)



**Reva Butensky**  
Climate Education Program  
Coordinator  
MIT Energy and Climate



**Simrin Dhillon**  
Standards Support, Natural  
Resources, Environment and  
Climate Change  
CSA Group

# SUSDEV Alumni Jobs

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**Caleb Milliken**  
Natural Resource Economist  
RTI Center for Applied  
Economics and Strategy



**Joshua Thompson**  
Manager, Carbon Projects  
3Degrees, Inc.



**Daniel Tinajero**  
Director of Project Development  
Climate Capital Corporation

**Enrollment  
deadline  
April 15**

**M** | SEAS SCHOOL FOR ENVIRONMENT  
AND SUSTAINABILITY  
UNIVERSITY OF MICHIGAN

**Come join us!**

# Questions?

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