



SUSTAINABILITY AND DEVELOPMENT MASTER OF SCIENCE

ACHIEVING THE JOINT OBJECTIVES OF SUSTAINABILITY AND DEVELOPMENT IS AN UNPRECEDENTED CHALLENGE FOR PEOPLE AND THE PLANET. POVERTY, INEQUALITY, HUNGER, CLIMATE CHANGE, PANDEMICS AND DISEASES, AND BIODIVERSITY LOSS ARE AMONG THE GREATEST CHALLENGES WE FACE.

These challenges span the globe, affecting people and contexts ranging from the city of Detroit to rural areas in Malawi. The Sustainability and Development (SusDev) specialization seeks to give sustainability and development equal prominence, acknowledging that both incremental and systemic change are essential for meeting sustainability and development objectives, and that there are complex trade-offs to consider when trying to achieve both goals. The SusDev specialization prepares you to analyze, address and catalyze social change to meet the joint objectives of sustainability and development in a wide range of contexts.

WHY SUSDEV?

- 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.
- Develop expertise in conceptual and theoretical issues associated with sustainability and development.
- Understand the real-world practices that improve human well-being and support major sustainability transitions through new institutions, policies and behaviors.
- Learn the methods and skills necessary to analyze and implement new visions and practices for greater sustainability and human well-being.

FACULTY

- Nina Brooks
- Rajiv Ghimire
- Pamela Jagger
- Marcelo S.O. Goncalves

BOLD LEADERS

MACY ROBINSON (MS '24) DEVELOPMENT ANALYST CULTIVATE POWER

"My time at SEAS has been nothing short of transformative, from changing the way that I view our collective responsibility to take climate action, to the robust network I've developed through my peers and alumni."



FEMI SAWYERR (MS '15) SENIOR MANAGING CONSULTANT ENERGY & ENVIRONMENTAL ECONOMICS

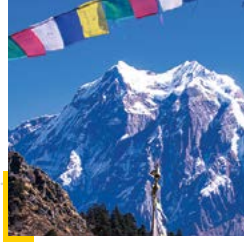
"The SusDev specialization skills are valuable even for professionals looking into careers that are not specifically focused on sustainable development. These are cross-sectoral skills that everyone working or seeking to work in the nexus of sustainability, energy, and natural resources should have."



MASTER'S PROJECTS

Part of the culminating experience of your program is a master's project or master's thesis, where you will work with an external client to solve real-world problems. Recent projects include:

Addressing Climate Change Adaptation Knowledge Gaps in Mountainous Regions: A Case Study of Langtang Valley, Nepal
Client: United Nations Framework Convention on Climate Change



Silent Impact: Women Market Vendors as a Climate Vulnerable Population Amidst Oil-Developing Guyana (Thesis)

Carbon Storage Complex Feasibility for Commercial Development in Southeastern Michigan- CarbonSAFE Phase II
Client: DTE Energy

COURSE SAMPLING

- Environmental Governance: From Local to Global
- Conservation and Development
- Program Evaluation for Environment and Sustainability
- Sustainable International Development

BUILD A REWARDING CAREER WITH IMPACT

No matter your path, SEAS Career Services helps prepare you for a purpose-driven career that's right for you. Our career counselors provide guidance on all aspects of career development, from resumes and cover letters to job searches and interview preparation. Plus, we connect you with employers and alumni who can help you imagine the possibilities of where your degree will take you.

SusDev graduates work as:

- Sustainability managers
- Consultants
- Data scientists

Here are just a few of the employers who hire SusDev graduates:



3Degrees.



WANT MORE INFO?

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