

GRAD MAP 2021-2022

SCHOOL OF ENVIRONMENT AND SUSTAINABILITY

Regenerative Sustainability

Master of Sustainability (M.Ss.)

One-year full-time and two-year part-time project and course-based options

The MSs in Regenerative Sustainability is designed to equip the next generation of thinkers and planners to move beyond simply sustaining the environment towards regenerating ecological and social systems for more fundamental transformation. The mission is to empower our graduate to catalyze positive, transformative changes in socio-ecological systems by engaging with the latest development in sustainability thinking and practice.

What will I learn?

- 1 Recognize and critically assess root causes of sustainability problems
- 2 Reimagine sustainability programs through the lens of systems and design thinking
- 3 Demonstrate professional skills as reflective of practitioners and change-oriented thinkers
- 4 Collaborate to co-produce knowledge and lead best practices for regenerative sustainability
- 5 Engage challenging sustainability concepts and practices from multiple perspectives

Sample courses

ENVS 834.2

The Art and Practice of Negotiations

ENVS 850.1

Systems Thinking for Sustainability

ENVS 851.2

Design Thinking for Sustainability

ENVS 853.3

Regenerative Sustainability

ENVS 886.2

Building Understanding in the Age of Reconciliation

Graduate Certificates in Sustainability

Not ready for the full program? Why not try a graduate certificate? These certificates can be taken as standalone programs or used to ladder into the Master of Sustainability

Governance Foundations for Sustainability

Sustainability Solutions

What can I do with a sustainability degree?

Community health Urban and environmental planning
Food systems and food security **Wildlife conservation**
Natural resources management Consulting
Policy analysis Sustainability education **Waste management**

Source: LinkedIn

"...my placement helped me to put into practice the skills I learned during the year, and the experience I acquired contributed to my personal and professional growth. I am grateful for participating in this master's program and for all the lasting relationships I have made with my peers and professors."

Layane, Graduate '20

"As I have worked with different projects as an environmental consultant, I recognize that the demands are diverse and require an interdisciplinary education. In this way, the [] degree was essential to take a step forward and expand my knowledge to deal with complex environmental issues that need critical thinking and proper problem-solving skills."

Guilherme, Graduate '20

"Understanding how different disciplines approach an environmental challenge and how multiple ways of knowing can be applied to finding a solution are at the root of what I bring to my work... SENS provided me with a foundation from which I was able to grow my expertise, expand my network, and advance my career."

Katie, Graduate '15, Community Division Manager at Canada North Environmental Services



PLAN YOUR ROUTE: REGENERATIVE SUSTAINABILITY

Explore your degree

BEGINNING STAGE

MSs Core Courses

- ENVS 818.1 | **Introduction to Sustainability**
- ENVS 834.2 | **The Art and Practice of Negotiations**
- ENVS 850.1 | **Systems Thinking for Sustainability**
- ENVS 882.2 | **Foundations of Governance for Sustainability**
- ENVS 884.1 | **Fundamentals of Law and Policy**
- ENVS 886.2 | **Building Understanding in the Age of Reconciliation**

Explore information about your major in the Course and Program Catalogue

Meet with Program Director to learn about and plan your program direction

Plan to attend and participate in annual Orientation activities to learn more about SENS and your academic program

Get to know university services and tools for online learning

Grow local and global connections

Visit the USask Community Centre to make connections and build community

Get involved in your campus community through student groups, campus rec, and USask events

Get to know your learning cohort and SENS faculty

Join the SENS Student Association (SENSSA) and the Graduate Student Association (GSA)

Advance your career

Meet with a Career Coach at Career Services to explore your career possibilities

Take a career assessment to learn more about your strengths, personality, interests, and values

Develop your LinkedIn profile to begin building your professional brand

Consider Professional Development opportunities offered through the Graduate Students Association

Apply to be a student assistant

Create an ePortfolio of your experiences and competencies

INTERMEDIATE STAGE

Regenerative Sustainability required courses

- ENVS 805.3 | **Data-Driven Solutions for Sustainability**
- ENVS 807.3 | **Sustainability in Theory and Practice**
- ENVS 810.1 | **Standpoint, Reflexivity, and Power in Sustainability Problem-Solving**
- ENVS 851.2 | **Design Thinking for Sustainability**
- ENVS 853.3 | **Regenerative Sustainability**

You choose:

3 credit units of electives. For example:

- ENVS 806.3 Field Skills for Environment and Sustainability
- ENVS 808.3 Tools and Applications
- ENVS 822.3 Biodiversity Conservation
- ENVS 861.3 Climate Change Vulnerability Assessments
- ENVS 883.3 Environmental Governance

Check DegreeWorks to ensure your degree is on track

Complete all core and required course work

Prepare for project placement

Engage with your community through volunteering and Co-Curricular Record activities

Meet with new people and grow your cultural understanding through Building Bridges and the Global Connections Network

Get to know your project partner

Develop relationships in local community

Seek opportunities to attend workshops, symposiums and/or seminars

Consider a leadership position in SENS

Discover job opportunities, explore career options, and meet professionals at Career Services events and career fairs

Expand your professional network on LinkedIn

Get a better understanding of your career possibilities through career informational interviews

Conduct occupational research through Job Bank and LinkedIn

Attend all ENVS 992.6 career workshop activities (e.g., cover letter and résumé writing, interview skills, etc.)

To understand what skills employers are looking for, review the Career Readiness Competencies

FINAL STAGE

Regenerative Sustainability project

ENVS 992.6 | **Project in Environment and Sustainability**

Project at a Glance:

- Real-world, hands-on, applications-based experience
- Project placement with governments, NGOs or businesses
- Professional and technical skills development

OR

You choose:

6 credit units of electives

Apply to graduate

Complete project placement with community partner

Present community project at annual symposium

Join the USask Alumni and Friends community

Join professional and community associations related to your areas of interest

Become a member of EcoCanada

Look at opportunities with your project partner connections

Update your résumé, cover letter and CV

Meet with Career Services to prepare for your interview

If you are new to Canada, take time to learn about how to search for a job in Canada

Attend public job talks

Familiarize yourself with different job boards and investigate avenues for career opportunities (LinkedIn, Eco Canada, Indeed, specific associations & government ministries/agencies, etc.)

SENS PROFESSIONAL ATTRIBUTES



LEADER



INTEGRATOR FOR INFLUENCING ORGANIZATIONAL CULTURE AND CHANGE



CRITICAL AND CHANGE-ORIENTED THINKER



COLLABORATOR, COMMUNICATOR, AND BRIDGE-BUILDER



REFLECTIVE PRACTITIONER AND ADAPTIVE MANAGER

Possible destinations...

People with a sustainability degree take their knowledge and skills into many different industries and occupations. Some of the career paths listed here require further education and training.



Why study sustainability?

According to EcoCanada, the demand for environmental workers will impact every region and nearly every occupation. The environmental sector is expected to grow 8% by 2029, and close to 30% of the current workforce is poised to retire within the next decade. The combination of new jobs and replacement demand may contribute as many as 233,500 net openings by 2029. Post-secondary education is a requirement for most environmental jobs across Canada, whether drawing candidates from life science to policy, from engineering to communications, public administration and beyond.

Given the environmental workforce gaps identified in this report, students and mid-career professionals might consider selecting an area of study or upskilling that would put them in a position to take advantage of these opportunities.

Source: ECO Canada. (2020). www.eco.ca



What are common career paths in sustainability?

City planner	Outdoor educator	Sustainability coordinator
Community facilitator	Policy analyst	Sustainability educator
Community planner	Project manager	Sustainability officer
Environmental consultant	Resource management officer	Wildlife manager
Environmental manager		

Source: LinkedIn



How much do professionals in sustainability careers earn across Canada?

Earning range
\$54,329 to \$90,238

Source: Census 2016 Job Bank, based on recent Master's graduates

"Working with SENS [] students on focused wildlife management projects provides the ministry's Fish, Wildlife and Lands branch with opportunities to engage in relevant and important wildlife research that would otherwise not be possible, due to staff time constraints. As a community partner, engaging with SENS faculty and students keeps the ministry at the cutting edge of environmental management teachings and practices. We are grateful for the opportunity to work and learn together."

*Allison Henderson, Government of Saskatchewan
Fish, Wildlife and Lands Branch, Ministry of Environment*

"The Redberry Lake Biosphere Reserve has had the pleasure of hosting and partnering Students and Staff from SENS as a community partner for the last 10 years. The enthusiasm and willingness in taking on any project that is put before them never ceases to amaze me. All the work that has been done is a great benefit to help grow our organization to what it is today. The dedication the students and staff have for this program is very much appreciated! We always look forward to the enthusiasm and innovation that students bring year after year."

John Kindrachuk, Executive Director, Redberry Lake Biosphere Region



One of SENS's priorities is to advance the United Nations Sustainability Goals, which is reflected in our interdisciplinary courses and curriculum.



Content developed in partnership with the School of Environment and Sustainability and Career Services

BE WHAT THE WORLD NEEDS