

Undergraduate Certificate of Proficiency in Sustainability Advising Record

This form is intended to assist students and advisors in ensuring that all requirements for the SENS undergraduate certificate in sustainability are met. Please note that ENVS 201 and ENVS 401/EVSC 485 are core certificate requirements and transfer credits for these courses are not accepted. Note also that not all courses listed as elective options below are offered in all years. *Please contact one of our [SENS certificate advisors](#) to discuss this advising record, or submit a completed form.*

Please note that the certificate is not conferred automatically upon completion of these requirements or when applying to graduate with a degree. A separate application for the certificate is required. The steps required are [described here](#).

Student Name: _____ **Student Number:** _____

NSID: _____ **Certificate Advisor:** _____

Advising Record Updated as of: _____

Focus Area

- Natural Resources & Sustainability (page 3) Community & Sustainability (page 4) Food Systems & Sustainability (page 6)

Overall Program:	Status (for admin use)
Required SENS (ENVS) courses (6 cu)	
Indigenous Learning for Sustainability (3 cu)	
Techniques and Tools for Sustainability (3 cu)	
Focus Area — 200-level course (3 cu)	
Focus Area — 300-level course (3 cu)	
Focus Area — 400-level course (3 cu)	

Core Requirements:

Required Courses (6 cu):	Term completed or planned	Admin notes
ENVS 201.3 <i>Foundations of Sustainability</i>		
ENVS 401.3 <i>Sustainability in Action</i> or EVSC 485.3 <i>Environmental Science Capstone Course</i>		

Techniques and Tools for Sustainability (3 cu):	Term completed or planned	Admin notes
ENVE 381.3 <i>Sustainability and Environmental Assessment</i>		
EVSC 203.3 <i>Sampling and Laboratory Analysis</i>		
GEOG 290.3 <i>Field Methods and Laboratory Analysis</i>		
GEOG 385.3 <i>Analysis of Environmental Management and Policy Making</i>		
GEOG 386.3 <i>Environmental Impact Assessment</i>		
INDG 210.3 <i>Indigenous Ways of Knowing</i>		
POLS 256.3 <i>Understanding Political Science Research</i>		
PSY 235.3 <i>Research Methods and Design in Psychology</i>		
RRM 323.2 <i>Resource Data and Environmental Modelling</i> AND RRM 201.1 <i>Geographical Information Systems</i>		
SOC 225.3 <i>An Introduction to Survey Research and Data Analysis in Sociology</i>		
SOC 232.3 <i>Methods of Social Research</i>		

Indigenous Learning for Sustainability (3 cu)	Term completed or planned	Admin notes
ANTH 202.3 <i>Anthropological Approaches to Aboriginal Research in Canada</i>		
ANTH 480.3 <i>Indigenous Peoples and Mental Health Anthropological and Related Perspectives</i>		
ARCH 350.3 <i>Introduction to Boreal Forest Archaeology</i>		
AREC 220.3 <i>History of Indigenous Agriculture in Canada</i>		
COMM 347.3 <i>Aboriginal Business in Canada</i>		
DRAM 111.3 <i>Practicum I Indigenous Performance Methods</i>		
ENG 242.3 <i>Indigenous Storytelling of the Prairies</i>		
ENG 243.3 <i>Introduction to Indigenous Literatures</i>		
ENG 335.3 <i>The Emergence of Indigenous Literatures in Canada</i>		
GEOG 465.3 <i>Environment and Health in Indigenous Communities</i>		
HIST 195.3 <i>History Matters Indigenous Perspectives on Canadian History</i>		
HIST 257.3 <i>The Canadian Prairie to 1905* (if taken 2022–23 or later)</i>		
HIST 266.3 <i>History Wars Issues in Native Newcomer Relations</i>		
HIST 315.3 <i>Indigenous Health History</i>		
HIST 316.3 <i>History of the Metis in Twentieth Century Prairie Canada</i>		
INDG 107.3 <i>Introduction to Canadian Indigenous Studies</i>		
INDG 200-level course*		
INDG 300-level course*		
INDG 400-level course*		
KIN 306.3 <i>Introduction to Indigenous Wellness</i>		
LING 253.3 <i>Indigenous Languages of Canada</i>		
PLAN 445.3 <i>Planning with Indigenous Communities*</i>		
POLS 222.3 <i>Indigenous Governance and Politics</i>		

* These courses may not be used as credit for both Indigenous Learning and Focus Area electives.

Note: For classes highlighted below in green, it must be demonstrated to the certificate coordinator that the thesis pursued has a focus relevant to the track being pursued.

Note: Many courses listed below have prerequisites not specific to this certificate. Select courses may require instructor or departmental approval.

Focus Area: Natural Resources and Sustainability

** Note that for simplicity, courses are listed under only one focus area, but some courses will be applicable to multiple focus areas.

Focus Area: Natural Resources and Sustainability – 200-level course (3 cu):	Term completed or planned	Admin notes
AREC 238.3 <i>Natural Resource Economics</i>		
BIOL 228.3 <i>An Introduction to Ecology and Ecosystems</i>		
ECON 275.3 <i>Economics of Natural Resources</i>		
ECON 277.3 <i>Economics of the Environment</i>		
ENVE 201.3 <i>Principles of Environmental Engineering</i>		
ENVE 212.3 <i>Physical Principles of Plant Biosystems</i>		
EVSC 210.3 <i>Environmental Physics</i>		
EVSC 220.3 <i>Environmental Soil Science</i>		
GEOG 280.3 <i>Environmental Geography</i>		
PHIL 226.3 <i>Environmental Philosophy</i>		
PHIL 231.3 <i>Moral Problems</i>		
PHIL 236.3 <i>Ethics and Technology</i>		
PLSC 213.3 <i>Principles of Plant Ecology</i>		
TOX 200.3 <i>Poisons and Pollutants</i>		
Focus Area: Natural Resources and Sustainability – 300-level course (3 cu):	Term completed or planned	Admin notes
ANBI 375.3 <i>Animals and the Environment</i>		
BIOL 373.3 <i>Community Ecology</i>		
CHEM 375.3 <i>Environmental Chemistry</i>		
ECON 376.3 <i>Energy Economics</i>		
EVSC 380.3 <i>Grassland Soils and Vegetation</i>		
GEOG 333.3 <i>Global Climate Change</i>		
GEOG 351.3 <i>Northern Environments</i>		
PLAN 329.3 <i>Integrated Water Resource Planning</i>		
RRM 312.3 <i>Natural Resource Management and Indigenous Peoples</i>		
SLSC 342.3 <i>Agronomic Soil Microbiology</i>		
SLSC 350.3 <i>Terrestrial Restoration</i>		
TOX 301.3 <i>Environmental Toxicology</i>		
Focus Area: Natural Resources and Sustainability – 400-level course (3 cu):	Term completed or planned	Admin notes
AREC 430.3 <i>Advanced Natural Resource Economics</i>		
BIOL 410.3 <i>Current Perspectives in Environmental Biology</i>		
BIOL 412.3 <i>Limnology</i>		
BIOL 470.3 <i>Conservation Biology</i>		
BIOL 475.3 <i>Ecological Toxicology</i>		
ENVE 432.3 <i>Land Management and Reclamation</i>		
EVSC 421.3 <i>Contaminated Site Management and Remediation</i>		
EVSC 430.3 <i>Agroforestry for Environmental Management</i>		
EVSC 492.3 <i>Research and Term Paper</i>		
EVSC 494.3 <i>Research and Thesis</i>		
GEOG 490.3 <i>Selected Topics in Physical Geography</i>		
GEOL 464.3 <i>Geoscience of Green Energy and the Digital Economy</i>		
PLSC 413.3 <i>Advanced Plant Ecology</i>		
PLSC 422.3 <i>Rangeland Ecology and Management</i>		
PLSC 423.3 <i>Landscape Ecology and Vegetation Management</i>		
PLSC 425.3 <i>Forest Ecology</i>		
PLSC 492.3 <i>Literature Thesis in Plant Sciences</i>		
PLSC 494.6 <i>Research Thesis in Plant Sciences</i>		
SLSC 444.3 <i>Soil Ecology</i>		
SLSC 492.3 <i>Research and Term Paper</i>		
SLSC 494.6 <i>Research and Thesis</i>		

Focus Area: Community and Sustainability

** Note that for simplicity, courses are listed under only one focus area, but some courses will be applicable to multiple focus areas.

Focus Area: Community and Sustainability – 200 level-course (3 cu):	Term completed or planned	Admin notes
ANTH 240.3 <i>Cultural Landscapes and Environments</i>		
ANTH 244.3 <i>Political Ecology Anthropology and Global Environmental Issues</i>		
CPSJ 203.3 <i>Cultivating Humanity</i>		
ECON 275.3 <i>Economics of Natural Resources</i>		
ECON 277.3 <i>Economics of the Environment</i>		
GEOG 208.3 <i>World Regional Development</i>		
GEOG 240.3 <i>Sustainable Cities and Regions</i>		
GEOG 280.3 <i>Environmental Geography</i>		
HIST 243.3 <i>The Reverberations of the Industrial Revolution, 1750 to today</i>		
HIST 257.3 <i>The Canadian Prairie to 1905</i>		
HIST 258.3 <i>The Canadian Prairies since 1905</i>		
HIST 263.6 <i>The Canadian North</i>		
HIST 290.3 <i>Topics in Environmental History</i>		
HIST 292.3 <i>The Menace of Progress I: Enlightenment, Colonialism, Dispossession</i>		
HIST 293.3 <i>The Menace of Progress II: The Promise and Failure of Development</i>		
PHIL 226.3 <i>Environmental Philosophy</i>		
PHIL 231.3 <i>Moral Problems</i>		
PHIL 236.3 <i>Ethics and Technology</i>		
POLS 226.3 <i>Canadian Public Policy</i>		
RLST 210 <i>Religion and Ecology (St. Thomas Moore)</i>		
SOC 202.3 <i>Environmental Sociology</i>		
SOC 204.3 <i>Rural Sociology</i>		
SOC 206.3 <i>Sociology of Communities and Community Development</i>		
SOC 227.6 <i>Critical Issues in Canadian Society</i>		
WGST 210.3 <i>Gendered Perspectives on Current Events</i>		
Focus Area: Community and Sustainability – 300-level course (3 cu):	Term completed or planned	Admin notes
ANTH 329.3 <i>Environmental Anthropology</i>		
ARCH 357.3 <i>The Archaeology of Prairie Settlement</i>		
GEOG 340.3 <i>European Heritage of our Built Environment</i>		
GEOG 352.3 <i>Contemporary Issues of the Circumpolar World I</i>		
GEOG 364.3 <i>Geography of Environment and Health</i>		
GEOG 380.3 <i>Environmental Geography of the Circumpolar North</i>		
GEOG 381.3 <i>Development in the Canadian North Issues and Challenges</i>		
HIST 365.3 <i>Recipes for a Nation: Food History in Canada</i>		
HIST 371.3 <i>Power and Change: The History of Energy</i>		
PLAN 341.3 <i>Urban Planning</i>		
PLAN 342.3 <i>Demographic Analysis in Planning</i>		
PLAN 346.3 <i>Introduction to Urban Design</i>		
PLAN 350.3 <i>Transportation Planning and Geography</i>		
POLS 326.3 <i>Comparative Public Policy</i>		
POLS 328.3 <i>Public Policy Analysis</i>		
SOC 309.3 <i>Theories of Social Change</i>		
SOC 344.3 <i>Sociology of Women Gender and Development</i>		
SOC 360.3 <i>Globalization and Social Justice</i>		
Focus Area: Community and Sustainability – 400-level course (3 cu):	Term completed or planned	Admin notes
ANBI 475.3 <i>Field Studies in Arctic Ecosystems and Aboriginal Peoples</i>		
ANTH 401.3 <i>Independent Research in Anthropology</i>		
AREC 432.3 <i>Rural Development Theory Policy and Case Studies</i>		
CHEP 402.3 <i>Global Health and Local Communities: Issues and Approaches</i>		
CPSJ 400.3 <i>Critical Perspectives on Social Justice and the Common Good</i>		
GEOG 464.3 <i>Geography of Health</i>		
GEOG 491.3 <i>Research Topics in Human Geography</i>		
HIST 445.3 <i>British Cities, Empire and Global Environmental Change</i>		
HIST 459.3 <i>Great Plains History</i>		
INDG 451.6 <i>Advanced Research Paper</i>		
LAW 444.3 <i>Environmental Law</i>		
PLAN 441.3 <i>Challenges in Urban Development</i>		

Focus Area: Community and Sustainability – 400-level course (3 cu) <i>continued:</i>	Term completed or planned	Admin notes
PLAN 445.3 <i>Planning with Indigenous Communities</i>		
PLAN 446.3 <i>Advanced Urban Design Studio</i>		
POLS 403.3 <i>Advanced Topics in Public Law and Public Policy</i>		
POLS 422.3 <i>Aboriginal Development Strategies</i>		
SOC 409.3 <i>Sociology of Development</i>		
SOC 421.3 <i>Interpretive Studies in Health</i>		
WGST 411.3 <i>Situated Transnational Feminisms</i>		

Focus Area: Food Systems and Sustainability

** Note that for simplicity, courses are listed under only one focus area, but some courses will be applicable to multiple focus areas.

Focus Area: Foods Systems and Sustainability – 200-level course (3 cu):	Term completed or planned	Admin notes
AREC 251.3 <i>Introduction to Agricultural Policy</i>		
AGRC 211.3 <i>Global Food Security</i>		
PLSC 235.3 <i>Urban Agriculture</i>		
Focus Area: Foods Systems and Sustainability – 300-level course (3 cu):	Term completed or planned	Admin notes
ANBI 375.3 <i>Animals and the Environment</i>		
ANSC 301.3 <i>Animal Production Tour</i>		
AREC 348.3 <i>Food Economics and Consumer Behaviour</i>		
EVSC 380.3 <i>Grassland Soils and Vegetation</i>		
FABS 371.3 <i>Food Biotechnology</i>		
PLSC 345.3 <i>Pesticides and Crop Production</i>		
RRM 312.3 <i>Natural Resource Management and Indigenous Peoples</i>		
SLSC 313.3 <i>Environmental Soil Chemistry</i>		
Focus Area: Foods Systems and Sustainability – 400-level course (3 cu):	Term completed or planned	Admin notes
AREC 428.3 <i>Case Studies in Agribusiness Management</i>		
AREC 451.3 <i>Agricultural Problems and Policies</i>		
FABS 401.3 <i>Dairy Science and Technology</i>		
FABS 436.3 <i>Biofuels Production</i>		
FABS 450.3 <i>Anaerobic and Rumen Microbiology</i>		
FABS 492.3 <i>Literature Thesis</i>		
FABS 494.6 <i>Research Thesis</i>		
PLSC 401.3 <i>Sustainable Crop Production</i>		
PLSC 413.3 <i>Advanced Plant Ecology</i>		
PLSC 418.3 <i>Management of Arable Grassland</i>		
PLSC 422.3 <i>Rangeland Ecology and Management</i>		
SOC 402.3 <i>Sociology of Agriculture and Food</i>		