

## Undergraduate Certificate of Proficiency in Sustainability Advising Record

This record is intended to assist advisors and students in ensuring that all requirements for the SENS undergraduate certificate of proficiency in sustainability are met. Please note: that transfer credit for ENVS 201 and ENVS 401 are not typically accepted towards this certificate. If you are hoping to use transfer credit towards these two courses please contact the Faculty Coordinators to discuss.

Student Name and Student Number: \_\_\_\_\_

Certificate Advisor: \_\_\_\_\_

Advising Record Updated as of: \_\_\_\_\_

Focus Area:  Natural Resources & Sustainability (page 2)     Community & Sustainability (page 3)     Food Systems & Sustainability (page 4)

| Overall Program:                               | Completed: |
|--|------------|
| Required courses completed – 9 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 (9 cu):   | Register in Term: | Completed: |
|--|-------------------|------------|
| ENVS 201.3: Foundations of Sustainability  |                   |            |
| ENVS 401.3: Sustainability in Action   |                   |            |
| INDG 107.3: Introduction to Canadian Indigenous Studies  |                   |            |
| Techniques and Tools for Sustainability (3 cu):  | Register in Term: | Completed: |
| ENVE 381.3: Sustainability and Environmental Assessment  |                   |            |
| EVSC 203.3: Sampling and Laboratory Analysis   |                   |            |
| GEOG 290.3: Field Methods and Laboratory Analysis  |                   |            |
| GEOG 385.3: Analysis of Environmental Management and Policy Making                                   |                   |            |
| GEOG 386.3: Environmental Impact Assessment  |                   |            |
| INDG 210.3: Indigenous Ways of Knowing   |                   |            |
| RRM 323.2: Resource Data and Environmental Modelling AND RRM 201.1: Geographical Information Systems |                   |            |
| SOC 225.3: An Introduction to Survey Research and Data Analysis in Sociology                         |                   |            |
| SOC 232.3: Methods of Social Research  |                   |            |

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

**Note: Classes highlighted in pink are known to have prerequisites not specific to this certificate and may require instructor or departmental approval.**

## Focus Area: Natural Resources and Sustainability

| <b>Focus Area: Natural Resources and Sustainability – 200 level course (3 cu):</b> | <b>Register in Term:</b> | <b>Completed:</b> |
|--|--------------------------|-------------------|
| BIOL 228.3: An Introduction to Ecology and Ecosystems                              |                          |                   |
| ECON 275.3: Economics of Natural Resources   |                          |                   |
| ECON 277.3: Economics of the Environment   |                          |                   |
| ENVE 201.3: Principles of Environmental Engineering                                |                          |                   |
| ENVE 212.3: Physical Principles of Plant Biosystems                                |                          |                   |
| EVSC 210.3: Environmental Physics  |                          |                   |
| EVSC 220.3: Environmental Soil Science   |                          |                   |
| GEOG 280.3: Environmental Geography  |                          |                   |
| PHIL 226.3: Environmental Philosophy   |                          |                   |
| PHIL 231.3: Moral Problems   |                          |                   |
| PHIL 236.3: Ethics and Technology  |                          |                   |
| PLSC 213.3: Principles of Plant Ecology  |                          |                   |
| TOX 200.3: Poisons and Pollutants  |                          |                   |
| <b>Focus Area: Natural Resources and Sustainability – 300 level course (3 cu):</b> | <b>Register in Term:</b> | <b>Completed:</b> |
| AREC 330.3: Land Resource Economics  |                          |                   |
| BIOL 373.3: Community Ecology  |                          |                   |
| ECON 376.3: Energy Economics   |                          |                   |
| GEOG 351.3: Northern Environments  |                          |                   |
| PLAN 329.3: Integrated Water Resource Planning                                     |                          |                   |
| RRM 312.3: Natural Resource Management and Indigenous Peoples                      |                          |                   |
| TOX 301.3: Environmental Toxicology  |                          |                   |
| SLSC 350 .3: Terrestrial Restoration   |                          |                   |
| GEOG 333.3: Global Climate Change  |                          |                   |
| EVSC 380.3: Grassland Soils and Vegetation   |                          |                   |
| CHEM 375.3: Environmental Chemistry  |                          |                   |
| ANBI 375.3: Animals and the Environment  |                          |                   |
| <b>Focus Area: Natural Resources and Sustainability – 400 level course (3 cu):</b> | <b>Register in Term:</b> | <b>Completed:</b> |
| AREC 430.3: Natural Resource Economics   |                          |                   |
| BIOL 410.3: Current Perspectives in Environmental Biology                          |                          |                   |
| BIOL 412.3: Limnology  |                          |                   |
| BIOL 470.3: Conservation Biology   |                          |                   |
| BIOL 475.3: Ecological Toxicology  |                          |                   |
| ENVE 432.3: Land Management and Reclamation  |                          |                   |
| EVSC 421.3: Contaminated Site Management and Remediation                           |                          |                   |
| EVSC 430.3: Agroforestry for Environmental Management                              |                          |                   |
| EVSC 492.3: Research and Term Paper  |                          |                   |
| EVSC 494.3: Research and Thesis  |                          |                   |
| GEOG 490.3: Selected Topics in Physical Geography                                  |                          |                   |
| PLSC 413.3: Advanced Plant Ecology   |                          |                   |
| PLSC 422.3: Rangeland Ecology and Management                                       |                          |                   |
| PLSC 423.3: Landscape Ecology and Vegetation Management                            |                          |                   |
| PLSC 425.3: Forest Ecology   |                          |                   |
| PLSC 492.3: Literature Thesis in Plant Sciences                                    |                          |                   |
| PLSC 494.6: Research Thesis in Plant Sciences                                      |                          |                   |
| SLSC 492.3: Research and Term Paper  |                          |                   |
| SLSC 494.6: Research and Thesis  |                          |                   |

## Focus Area: Community and Sustainability

| <b>Focus Area: Community and Sustainability – 200 level course (3 cu):</b> | <b>Register in Term:</b> | <b>Completed:</b> |
|--|--------------------------|-------------------|
| ANTH 240.3: Cultural Landscapes and Environments                           |                          |                   |
| ANTH 244.3: Political Ecology Anthropology and Global Environmental Issues |                          |                   |
| ECON 275.3: Economics of Natural Resources                                 |                          |                   |
| ECON 277.3: Economics of the Environment                                   |                          |                   |
| GEOG 208.3: World Regional Development                                     |                          |                   |
| GEOG 240.3: Sustainable Cities and Regions                                 |                          |                   |
| GEOG 280.3: Environmental Geography  |                          |                   |
| HIST 257.3: The Canadian Prairie to 1905                                   |                          |                   |
| HIST 258.3: The Canadian Prairies since 1905                               |                          |                   |
| HIST 263.6: The Canadian North   |                          |                   |
| HIST 290.3: Topics in Environmental History                                |                          |                   |
| INTS 203.3: Cultivating Humanity   |                          |                   |
| PHIL 226.3: Environmental Philosophy                                       |                          |                   |
| PHIL 231.3: Moral Problems   |                          |                   |
| PHIL 236.3: Ethics and Technology  |                          |                   |
| POLS 226.3: Canadian Public Policy   |                          |                   |
| RLST 210: Religion and Ecology (St. Thomas Moore)                          |                          |                   |
| SOC 202.3: Environmental Sociology   |                          |                   |
| SOC 204.3: Rural Sociology   |                          |                   |
| SOC 206.3: Sociology of Communities and Community Development              |                          |                   |
| SOC 227.6: Critical Issues in Canadian Society                             |                          |                   |
| WGST 210.3: Gendered Perspectives on Current Events                        |                          |                   |
| <b>Focus Area: Community and Sustainability – 300 level course (3 cu):</b> | <b>Register in Term:</b> | <b>Completed:</b> |
| ANTH 329.3: Environmental Anthropology                                     |                          |                   |
| ARCH 357.3: The Archaeology of Prairie Settlement                          |                          |                   |
| AREC 330.3: Land Resource Economics  |                          |                   |
| GEOG 340.3: European Heritage of our Built Environment                     |                          |                   |
| GEOG 352.3: Contemporary Issues of the Circumpolar World I                 |                          |                   |
| GEOG 364.3: Geography of Environment and Health                            |                          |                   |
| GEOG 380.3: Environmental Geography of the Circumpolar North               |                          |                   |
| GEOG 381.3: Development in the Canadian North Issues and Challenges        |                          |                   |
| PLAN 342.3: Demographic Analysis in Planning                               |                          |                   |
| PLAN 346.3: Introduction to Urban Design                                   |                          |                   |
| POLS 326.3: Comparative Public Policy                                      |                          |                   |
| POLS 328.3: Public Policy Analysis   |                          |                   |
| SOC 344.3: Sociology of Women Gender and Development                       |                          |                   |
| <b>Focus Area: Community and Sustainability – 400 level course (3 cu):</b> | <b>Register in Term:</b> | <b>Completed:</b> |
| ANBI 475.3: Field Studies in Arctic Ecosystems and Aboriginal Peoples      |                          |                   |
| ANTH 401.3: Independent Research in Anthropology                           |                          |                   |
| AREC 430.3: Natural Resource Economics                                     |                          |                   |
| AREC 432.3: Rural Development Theory Policy and Case Studies               |                          |                   |
| CHEP 402.3: Global Health and Local Communities: Issues and Approaches     |                          |                   |
| GEOG 464.3: Geography of Health  |                          |                   |
| GEOG 491.3: Research Topics in Human Geography                             |                          |                   |
| HIST 459.3: Great Plains History   |                          |                   |
| INDG 451.6: Advanced Research Paper  |                          |                   |
| INTS 400.3: Critical Perspectives on Social Justice and the Common Good    |                          |                   |
| PLAN 445.3: Planning with Indigenous Communities                           |                          |                   |
| PLAN 446.3: Advanced Urban Design Studio                                   |                          |                   |
| POLS 403.3: Advanced Topics in Public Law and Public Policy                |                          |                   |
| POLS 422.3: Aboriginal Development Strategies                              |                          |                   |
| SOC 409.3: Sociology of Development  |                          |                   |
| SOC 421.3: Interpretive Studies in Health                                  |                          |                   |
| WGST 411.3: Situated Transnational Feminisms                               |                          |                   |

## Focus Area: Food Systems and Sustainability

| <b>Focus Area: Foods Systems and Sustainability – 200 level course (3 cu):</b> | <b>Register in Term:</b> | <b>Completed:</b> |
|--|--------------------------|-------------------|
| AREC 251.3: Introduction to Agricultural Policy                                |                          |                   |
| AGRC 211.3: Global Food Security   |                          |                   |
| PLSC 235.3: Urban Agriculture  |                          |                   |
| <b>Focus Area: Foods Systems and Sustainability – 300 level course (3 cu):</b> | <b>Register in Term:</b> | <b>Completed:</b> |
| ANSC 301.3: Animal Production Tour   |                          |                   |
| ANBI 375.3: Animals and the Environment  |                          |                   |
| AREC 330.3: Land Resource Economics  |                          |                   |
| EVSC 380.3: Grassland Soils and Vegetation                                     |                          |                   |
| FABS 371.3: Food Biotechnology   |                          |                   |
| PLSC 345.3: Pesticides and Crop Production                                     |                          |                   |
| RRM 312.3: Natural Resource Management and Indigenous Peoples                  |                          |                   |
| SLSC 313.3: Environmental Soil Chemistry                                       |                          |                   |
| <b>Focus Area: Foods Systems and Sustainability – 400 level course (3 cu):</b> | <b>Register in Term:</b> | <b>Completed:</b> |
| AREC 432.3: Rural Development Theory Policy and Case Studies                   |                          |                   |
| AREC 451.3: Agricultural Problems and Policies                                 |                          |                   |
| EVSC 492.3: Research and Term Paper  |                          |                   |
| EVSC 494.6: Research and Thesis  |                          |                   |
| FABS 401.3: Dairy Science and Technology                                       |                          |                   |
| FABS 432.3:  |                          |                   |
| FABS 436.3: Biofuels Production  |                          |                   |
| FABS 450.3: Anaerobic and Rumen Microbiology                                   |                          |                   |
| FABS 492.3: Literature Thesis  |                          |                   |
| FABS 494.6: Research Thesis  |                          |                   |
| GEOG 491.3: Research Topics in Human Geography                                 |                          |                   |
| PLSC 401.3: Sustainable Crop Production  |                          |                   |
| PLSC 413.3: Advanced Plant Ecology   |                          |                   |
| PLSC 418.3: Management of Arable Grassland                                     |                          |                   |
| PLSC 422.3: Rangeland Ecology and Management                                   |                          |                   |
| PLSC 492.3: Literature Thesis in Plant Sciences                                |                          |                   |
| PLSC 494.6: Research Thesis in Plant Sciences                                  |                          |                   |
| SLSC 492.3: Research and Term Paper  |                          |                   |
| SLSC 494.6: Research and Thesis  |                          |                   |
| SOC 402.3: Sociology of Agriculture and Food                                   |                          |                   |