

Curriculum Inventory - v.6b January, 2021 (UG only)

Prepared by: Carrie L. Dennett, for Dr. Craig Gerlach, Academic Coordinator – Sustainability

Faculty	Department/ Program	Course	Sustainability <i>Focused or Related</i>	Learning Outcomes <i>Y or N</i>
Arts	African Studies	AFST 501: Seminar*	Related	N
	Anthropology & Archaeology	ANTH 213: Contemporary Aboriginal Issues in Canada	Related	Y
		ANTH 303: Business in Cultural Context	Related	Y
		ANTH 313: Anthropology of the Environment	Focused	Y
		ANTH 341: Medical Anthropology	Related	N
		ANTH 343: Militarism and Militarization	Related	?
		ANTH 349: Anthropology of HIV/AIDS	Related	N
		ANTH 355: An Ethnographic Survey of Native North America	Related	Y
		ANTH 357: Anthropology of Development	Related	Y
		ANTH 363: Magic, Witchcraft, and Gods: Anthropology of Religion	Related	Y
		ANTH 371: Political Anthropology	Related	N
		ANTH 379: Urban Anthropology	Related	N
		ANTH 385: Economic Anthropology	Related	?
		ANTH 393: Ethnography of Global-Local Dynamics	Related	?
		ANTH 399: Special Topics in Anthropology*	Focused	Y
		ANTH 405: Ecology of Tropical Forest Societies	Related	?
		ANTH 421: Contemporary Latin American Society	Related	?
		ANTH 427: Women in East Asian Societies	Related	N
		ANTH 441: Problems in the Anthropology of Health	Related	?
		ANTH 479: Housing and Society	Related	N
		ANTH 523: Human Ecology	Related	?
	ANTH 589: Nutritional Anthropology	Related	Y	
	ARKY 423: Archaeology of the Arctic	Related	?	
	ARKY 439: African Complex Societies	Related	N	
	ARKY 591: Landscape Archaeology	Related	?	
	Canadian Studies	CNST 361: Gender, Race and Ethnicity in Canada	Related	?
		CNST 591: Senior Seminar in Canadian Studies *	Related	Y
	Classics & Religion	RELS 343: Religion and Social Morality	Related	N
		RELS 397: Religion and Science	Related	?
		RELS 398: Religion and the Environment	Related	Y
Communication, Media & Film	COMS 393: Critical Perspectives on Health and Science	Related	?	
	COMS 477: Food Culture and Communication	Related	Y	
Development Studies	DEST 201: Introduction to Development Studies	Focused	Y	
	DEST 375: Gender and Development	Related	Y	

Faculty	Department/ Program	Course	Sustainability <i>Focused or Related</i>	Learning Outcomes <i>Y or N</i>
		DEST 393: Theories and Applications of Development	Related	?
		DEST 400: Field School	Focused	?
		DEST 401: Special Topics in Development Studies *	Focused	Y
		DEST 403: Sustainability and Human Ecology in the Circumpolar Arctic	Focused	N
		DEST 405: Environment and Development	Focused	?
		DEST 485: International and Intercultural Communication	Focused	?
		DEST 501: Research in Selected Topics*	Related	N
		DEST 591: Critical Perspectives on Development Practice and Research	Related	Y
		DEST 593: Honours Seminar in Development Studies *	Focused	?
		Economics	ECON 209: Engineering Economics	Related
	ECON 321: The Global Trading System		Related	N
	ECON 337: Development Economics		Related	Y
	ECON 349: The Economics of Social Problems		Related	Y
	ECON 377: Economics and the Environment		Focused	N
	ECON 379: The Economics of Health		Related	N
	ECON 427: Energy Economics and Policy		Related	N
	ECON 473: Water Resource Economics and Policy		Focused	?
	ECON 475: Economics of Natural Resources		Related	Y
	ECON 487: Environmental Economics		Focused	?
	ECON 527: World Oil Economics	Related	Y	
	English	ENGL 302: Introduction to Contemporary Theory	Related	N
		ENGL 309 Literature and the Environment	Related	N
		ENGL 361 Gender and Sexuality in Literature	Related	?
		ENGL 376 Indigenous Literatures I	Related	?
		ENGL 387: Topic in Literature and Society*	Related	N
		ENGL 378 Global Literatures I	Related	?
	Geography	ENGL 515: Advanced Seminar in Global/Indigenous Contexts*	Related	?
		GEOG 204: Global Environmental Change	Focused	N
		GEOG 254: Society and Environment	Focused	N
		EASC 301: Geography of World Affairs	Focused	N
		GEOG 308: Climate and Ecosystems	Focused	N
		GEOG 310: Landforms and Soils	Focused	N
		GEOG 324: Society and Environmental Change	Focused	N
		GEOG 352: Political, Economic, and Urban Geography	Focused	N
		GEOG 354: Social and Cultural Geography	Focused	N
		GEOG 412: Soil Science	Related	N
	GEOG 426: Climate Change and Society	Focused	N	

Faculty	Department/ Program	Course	Sustainability <i>Focused or Related</i>	Learning Outcomes <i>Y or N</i>
		GEOG 428: Sustainability and Political Ecology	Focused	N
		GEOG 430: Animal Geography	Related	N
		GEOG 432: Global Change and Hazards	Focused	?
		GEOG 434: Field Studies in Social and Economic Geography	Related	?
		GEOG 436: Field Studies in Physical and Environmental Geography	Related	N
		GEOG 452: Urban Social Geography	Related	?
		GEOG 454: Economic Geography	Related	N
		GEOG 456: Uneven Development	Focused	N
		GEOG 458: Political Geographies	Related	N
		GEOG 483: Ways of Knowing in Geography	Related	N
		GEOG 500: Critical Zone Science	Focused	N
		GEOG 502: Arctic Systems Science	Focused	?
		GEOG 503: Climate Change	Focused	Y
		GEOG 504: Oceanography	Related	?
		GEOG 506: Wind Science	Related	Y
		GEOG 510: Biogeography and Landscape Ecology	Related	N
		GEOG 526: Urban Political Ecology	Focused	Y
		GEOG 528: Development and Participation	Focused	N
		GEOG 530: Environmental Governance and Conflict	Focused	?
		GEOG 532: Science, Technology and Society	Focused	N
		GEOG 534: Geographies of Food	Focused	N
		GEOG 536: Environment and Behaviour	Related	?
		GEOG 538: Tourism, Parks and Protected Areas	Focused	Y
		GEOG 553: Globalization and the City	Related	?
		GEOG 554: Social Movement, Possible Worlds	Focused	?
		GEOG 558: Urban and Regional Political economy	Related	?
		GEOG 565: Spaces of Urban Politics	Focused	?
		GEOG 582: Technology, Society and Space	Related	Y
		GEOG 596: Directed Independent Study*	Related*	?
		GEOG 597: Advanced Topics in Human Geography*	Related*	N
		GEOG 595: Honours Thesis Research*	Related*	?
		GEOG 598: Honours Thesis*	Related*	?
		GEOG 599: Advanced Topics in Physical Geography*	Related*	?
	History	HTST 307: The Contemporary World	Related*	Y
		HTST 345: Canadian Native History	Related	N
		HTST 354: Cities in Global History	Related	N
		HTST 357: Wild West/Mild West?: Comparative History of the U.S. and Canadian Wests	Related	N

Faculty	Department/ Program	Course	Sustainability <i>Focused or Related</i>	Learning Outcomes <i>Y or N</i>
		HTST 395: History of Energy: From Fire to Fossil Fuels and Beyond	Focused	Y
		HTST 437: Canadian Environmental History	Related	N
		HTST 447: Northern Horizons: Subarctic and Arctic Canadian History (<i>formerly HTST 352</i>)	Related	?
		HTST 493: Special Topics in History*	Related	N
		HTST 528: Exchange, Trade, and Cultural Encounter in North America	Related	?
		HTST 529: Topics in Native History*	Related	?
		HTST 593: Selected Topics in History*	Related	Y
	Indigenous Studies	INDG 303: Indigenous Ways of Knowing I	Related	N
		INDG 305: Indigenous Ways of Knowing II	Related	N
		INDG 311: Indigenous Governance	Related	?
		INDG 317: Ecological Knowledge	Related	N
		INDG 397: Special Topics in Canadian Indigenous Studies*	Related	?
		INDG 399: Special Topics in International Indigenous Studies*	Related	?
		INDG 407: Comparative International Indigenous Communities	Related	N
		INDG 415: Indigenous Ethics and Protocol	Related	?
		INDG 502: Selected Topics in Canadian Indigenous Studies*	Related	Y
		INDG 503: Selected Topics in International Indigenous Studies*	Related	N
	International Relations	INTR 301: A Multidisciplinary Survey of International Relations	Related	N
	Latin American Studies	LAST 311: Critical Contemporary Issues in Latin American Studies	Related	Y
	Law & Society	LWSO 415: Socio-legal Issues in Contemporary Liberal Societies	Related	Y
		LWSO 425: Law and Technology	Related	?
	Philosophy	PHIL 275: Scientific and Critical Reasoning	Related	N
		PHIL 313: Bioethics	Related	N
		PHIL 345: Issues in Environmental Ethics	Focused	?
		PHIL 347: Contemporary Moral Problems	Related	N
	Political Science	POLI 279: Politics of the Global South	Related	N
		POLI 283: Issues and Trends In World Politics	Focused	N
		POLI 381: Introduction to International Relations	Related	N
		POLI 431: Canadian Political Parties	Related	N
		POLI 447: Comparative Public Policy	Related	?
POLI 453: Women and Politics		Related	N	
POLI 463: Politics of Post-Industrial States		Related	N	
POLI 470: Genocide		Related	?	
POLI 471: Africa: Contemporary Political Problems		Related	N	
POLI 473: States Regimes Latin America		Related	N	

Faculty	Department/ Program	Course	Sustainability <i>Focused or Related</i>	Learning Outcomes <i>Y or N</i>
		POLI 479: International Relations of the Contemporary Arab World	Related	N
		POLI 485: Global Political Economy	Related	N
		POLI 487: International Organizations	Related	N
		POLI 523: Canada and the Circumpolar World	Related	?
		POLI 554: Women and Public Policy	Related	?
		POLI 579: Political Economy of Development	Related	N
		POLI 585: Nonproliferation Regimes	Related	N
		POLI 587: International Ethics	Related	?
	Psychology	PSYC 437 Health Psychology	Related	Y
		PSYC 427: Environmental Psychology	Related	N
	Sociology	SOCI 307: Sociology of First Nations in Canada	Related	Y
		SOCI 321: Sociology of Health and Illness	Related	Y
		SOCI 353: Urban Sociology	Related	Y
		SOCI 375: Sociology of Ethnicity and Racialization	Related	Y
		SOCI 409: Social Determinants of Health	Related	N
		SOCI 453: Special Topics in Urban Sociology*	Related	?
		SOCI 475: Special Topics in Race and Ethnic Relations*	Related	N
		SOCI 487: Sociology of Development	Related	?
	Urban Studies	UBST 311: The Gendered City	Related	N
		UBST 394: Field School in Sustainable Urbanism Part I *	Focused	N
		UBST 395: Field School in Sustainable Urbanism Part II *	Focused	N
		UBST 451: Planning in the Canadian City	Related	N
		UBST 461: The Transit City	Focused	Y
		UBST 501: Research Selected Topics*	Related*	?
		UBST 505: Advanced Topics in Urban Studies*	Related*	?
		UBST 591: Capstone in Urban Studies*	Related*	N
	UBST 596: Directed Independent Study*	Related*	?	
	Women's Studies	WMST 301: Topics in Women's Studies *	Related*	?
Cumming School of Medicine	Community Rehabilitation & Disability	CORE 547: Health Research, Emerging Technologies and Marginalized Groups	Related	N
Environmental Design	Environmental Design	EVDS 401: Introduction to Environmental Design	Related	Y
		EVDS 523: Sustainability in the Built Environment	Focused	Y
		EVDS 583: Special Topics in Environmental Design*	Focused	Y
	Architectural Studies	ARST 423: Sustainability in the Built Environment	Focused	Y

Faculty	Department/ Program	Course	Sustainability <i>Focused or Related</i>	Learning Outcomes <i>Y or N</i>
	EVDS - Architecture	EVDA 580: Studio I: Design Thinking	Related	Y
Haskayne School of Business	Business and Environment	BSEN 517: Indigenous Peoples and Sustainable Development	Focused	?
		BSEN 555 - Strategies for Sustainable Development	Focused	Y
		BSEN 749: Rediscovering Leadership – The Haskayne Wilderness Retreat	Focused	?
		BSEN 789: Sustainable Development With Indigenous Peoples	Focused	?
	Energy Management	ENMG 489: International Energy Development	Focused	N
	Entrepreneurship and Innovation	ENTI 413 - Social Enterprise Strategies	Focused	Y
	Management Studies	MGST 559: Developing Leaders for a Sustainable World – Undergraduate Wilderness Retreat	Focused	?
		MGST 597: Directed Study in Management Studies*	Focused	N
Tourism Management	TOUR 449: Policy, Planning and Research in Tourism	Focused	N	
Kinesiology	Kinesiology	KNES 339: Natural Environments, Wellness, and Health	Related	N
Schulich School of Engineering	Civil Engineering	ENCI 481: Environmental Engineering	Focused	N
		ENCI 502: Civil Engineering Aspects of Sustainable Communities	Focused	N
		ENCI 508: Environmental Aspects of Energy	Related	?
		TRAN 473: Introduction to Transportation Planning	Related	N
	Energy & Environment	ENEE 355: Introduction to Energy and the Environment	Focused	N
		ENEE 503: Life Cycle Assessment	Focused	N
		ENEE 519.09: Special Topics in Energy and Environment*	Related	?
		ENEE 573: Engineering Aspect of Sustainable Communities	Focused	N
		ENEE 575: Alternative Energy Systems	Focused	N
	Engineering	ENGG 481: Technology and Society	Related	Y
	Geomatics Engineering	ENGO 581: Land Use Planning	Focused	Y
		ENGO 583: Environmental Modelling	Related	Y
	Mechanical & Manufacturing Engineering	ENME 583: Mechanical Systems in Buildings	Related	Y
Science	Biological Sciences	BIOL 307: Ecology and Human Affairs	Focused	Y
		BIOL 309: Plants and People	Related	?
		BIOL 313: Principles of Ecology	Related	Y
		BIOL 375: Insects, Science and Society	Related	N
		BIOL 451: Conservation Biology	Focused	N
		BIOL 453: Plants in their Environment	Related	?
		BIOL 505: Medicinal Plant Biochemistry	Related	N
		CMMB 543: Environmental Microbiology	Related	N

Faculty	Department/ Program	Course	Sustainability <i>Focused or Related</i>	Learning Outcomes <i>Y or N</i>
		ECOL 413: Field Course in Ecology	Related	N
		ECOL 417: Aquatic Communities and Ecosystems	Related	Y
		ECOL 439: Ecology of Populations	Related	N
		MSRC 321: Introduction to Marine Science	Related	N
		MSRC 525: Ecological Adaptations of Seaweeds	Related	?
		PLBI 401: Plant Biotechnology	Related	N
	Chemistry	CHEM 321: Environmental Chemistry	Related	N
		CHEM 423: Green Chemistry: Principles and Techniques	Focused	?
		CHEM 521: Introduction to Atmospheric Chemistry	Related	?
	Geoscience	GLGY 202: Applications of Geoscience	Related	N
		GOPH 375: Natural Disasters and Critical Earth Phenomenon	Focused	N
	Natural Sciences	SCIE 403: Science in Society	Related	Y
		SCIE 521: Principles of Solar Energy	Related	?
		SCIE 529: Project Course in Sustainable Energy, Environment and Economy	Focused	Y
		SCIE 531: Principles of Hydroelectric Energy	Related	?
	Physics & Astronomy	SCIE 533: Principles of Geothermal Energy	Related	?
PHYS 371: Introduction to Energy		Focused	Y	
Social Work	Social Work	SOWK 557: Selected Topics: Contexts for Practice	Related	Y
		SOWK 679.94 Climate Change & Sustainable Social Development	Focused	Y
University of Calgary	Interdisciplinary Topics	UNIV 207: Exploring Sustainability	Focused	N
		UNIV 511.01: Topics in Sustainability - Introduction to Sustainable Development	Focused	N
		UNIV 511.02: Topics in Sustainability - Theoretical Basis for Interdisciplinary Intervention & Design	Focused	N
		UNIV 513: Introduction to Interdisciplinary Design Structure	Related	N
		UNIV 515: Advanced Interdisciplinary Design Practice	Related	N
	Innovation	INNO 323: The Practice of Innovation	Related	N

Notes: * Special topics, seminar and directed studies courses will be acceptable to meet sustainability certificate requirements if topic is determined to be applicable by the Academic Coordinator – Sustainability Studies.

Courses were included or excluded in the curriculum inventory based on definitions provided by the Association for the Advancement of Sustainability in Higher Education (AASHE) for the Sustainability Tracking, Assessment & Rating System (STARS). Definitions are provided below.

AASHE defines sustainability courses as those in which the primary and explicit focus is on sustainability and/or on understanding or solving one or more major sustainability challenge.

AASHE define courses that include sustainability (sustainability-related courses) as those with a primary focus on a topic other than sustainability, but incorporate a unit, module or activities on sustainability or a sustainability challenge.

Extended definitions can be found at the following link:

http://www.aashe.org/files/documents/STARS/2.0/stars_2.1_technical_manual_-_administrative_update_two.pdf

Graduate level courses were removed from the certificate list as the certificate program is designated for undergraduate students.

Courses in programs such as Education, Nursing, Undergraduate Medical Education, Social Work, and Law where the program is very prescriptive and access to students outside of the program is extremely limited were removed (except SOWK 557) from the certificate inventory, as students in these programs are unable to take the certificate program and the courses in the department would not benefit external students.