



THOMPSON RIVERS  
UNIVERSITY



Thompson Rivers University  
[www.tru.ca/sustain](http://www.tru.ca/sustain)

## TRU Sustainability Course Inventory 2010-11

The following is an inventory of Thompson Rivers University courses which are considered to be sustainability focused or sustainability related. This includes a list of departments offering sustainability courses, degree programs with sustainability learning outcomes, a list of sustainability focused courses, and a list of sustainability related courses. The inventory was created via a search of the TRU Calendar for keywords and sustainability topics, and likely underestimates the number of sustainability focused and sustainability related courses offered by TRU. If you have any suggestions for additions or changes, see the contact information at the bottom of this document\*.

### **Sustainability Curriculum Definition:**

Sustainability focused courses are dedicated to addressing the concepts and literature that contribute to a student's in-depth knowledge on the economic, environmental, social, scientific, cultural, or health related aspects of sustainability.

Sustainability related courses draw on theories or issues that contribute to a student's knowledge of the concept of sustainability, in conjunction with their field of study. This can be a section of a course or chapter on sustainability, an examination of a sustainability principle or a connection made to a wider sustainability framework.

Students that have completed sustainability focused or related course should have the ability to:

- Communicate the concept of sustainability effectively.
- Understand the need to work towards a more sustainable society, in terms of the sustainability concepts covered in class.
- Be able to link their field of study with sustainability issues and explore ways in which their field of study can contribute to sustainability.
- Be able to understand and be aware of interdisciplinary approaches to sustainability.
- Develop and use technical knowledge to implement sustainable solutions
- Understand the way in which sustainable education and thinking contributes to the process of creating local and global solutions for crises resulting from unsustainable practices.

The goal of sustainability education is to equip students with the knowledge that will allow them to create solutions to satisfying the needs of the present without compromising those of the future.

## **Departments with Sustainability Courses:**

### **Faculty of Arts**

English & Modern Languages:

Geography

Journalism

Philosophy, History, & Politics

Psychology

Sociology & Anthropology

Visual & Performing Arts

### **School of Business & Economics**

Economics

Master of Business Administration

### **Faculty of Human, Social, & Educational Development**

Education

Social Work

### **School of Nursing**

Nursing

### **Faculty of Science**

Biological Science

Master of Science

Natural Resource Science

Physical Science

### **School of Tourism**

Adventure Studies

Management

### **School of Trades & Technology**

Trades & Technology

## **Degree Programs with Sustainability Learning Outcomes**

### **Faculty of Arts**

BA Economics  
BA Economics and Political Studies  
BA Geography

### **Faculty of Human, Social, and Educational Development**

BSW Social Work  
BSW Child Welfare Specialization  
BSW NVIT  
Human Services (Diploma)

### **Faculty of Science**

Associate of Science Biology  
BNRS Natural Resource Science  
BSc Animal Biology  
BSc Cellular, Molecular & Microbial Biology  
BSc Chemical Biology  
BSc Ecology & Environmental Biology  
BSc Environmental Chemistry  
Environmental Studies (Certificate)  
Masters of Environmental Science

### **School of Business and Economics**

BBA Economics

### **School of Nursing**

BSN Nursing  
Nursing (Post Baccalaureate Diploma)  
Practical Nurse (Certificate)

### **School of Tourism**

Aboriginal Studies (Certificate)  
Aboriginal Tourism (Certificate)  
Adventure (Diploma)  
Adventure Sports (Certificate)  
Bachelor of Tourism Management: Entrepreneurship, Adventure, Management, General  
Tourism Management (Diploma)

### **Trades & Technology**

Horticulture and Management (Diploma)  
Horticulture (Certificate)

## Sustainability Focused Courses

ADVG 1010	The Adventure Tourism Industry
ADVG 2010	The Natural Environment
ADVG 2830	International Expedition Planning and Leadership
ADVG 4030	Contemporary Perspectives in the Eco and Adventure Industry
ADVG 4090	International Adventure Tourism Community Development
AGSC 2200	Food Systems at a Local Level and Beyond
BBUS 4459	Urban and Regional Economics
BBUS 4469	Local Government Land Use Planning
BBUS 4541	International Business
BIOL 1040	Biology of the Environment
BIOL 1210	Principles of Biology 2
BIOL 3021	Community and Ecosystem Ecology
BIOL 3210	Microbial Ecology
BIOL 3430	Plants and People
BIOL 3431	Plants and Society
BIOL 4160	Principles of Conservation Biology
BIOL 4260	Plant Ecology
CHEM 3010	Aqueous Environmental Chemistry
CHEM 3020	Atmospheric Environmental Chemistry
ECON 2430	Global and Canadian Economic Issues
ECON 2600	The Economy of British Columbia
ECON 3710	Economics of the Environment
ECON 3730	Forestry Economics
ECON 3740	Land Use
ECON 3990	Economics of Climate Change
ECON 4720	Sustainable Economic Development
ENVR 3119	Principles and Concepts of Ecological Restoration
ENVR 3139	Biodiversity and Conservation Biology
ENVR 3149	Ethical, Legal, and Policy Aspects of Environmental Restoration
ENVR 3329	Selection and Propagation of Native Plants
ENVS 3991	Environmental Studies: Sustainability
ENVS 4019	Design Principles for Natural Processes
ENVS 5000	Environmental Sciences: Topics and Case Studies
FRST 3053	Silviculture 1
GEOG 1120	Earth's Land and Waters (Geomorphology)
GEOG 1190	Intro to Human Geography: Geographical Change in the Modernizing World
GEOG 1191	Introduction to Human Geography 1: People and the Environment
GEOG 1200	Introduction to Human Geography: Themes in Geographical Change
GEOG 1220	Climatology and Biogeography
GEOG 2050	Introduction to Hydrology
GEOG 2100	Human Interaction with the Natural Environment

GEOG 2120	Geography in an Urban World
GEOG 3040	Environmental Climatology and Meteorology
GEOG 3050	Physical Hydrology
GEOG 3070	Biogeography
GEOG 3100	Environment and Resources
GEOG 3630	The Geography of Resource Industries
GEOG 3991	Global Climate Change and Regional Impacts
GEOG 4230	Attitudes Towards the Environment
GEOG 4800	Environmental Issues and Policies
GEOG 4990	Advances in Hydrology
HART 4929	Building Community Relationships
HIST 3991	Environmental History
HLSC 2550	Health Science 3: Introduction to Pathophysiology
HLSC 2650	Health Science 4: Pathophysiology
HLSC 3550	Health Science 5: Advanced Pathophysiology
HORT 1500	Basic Horticulture
HUMN 3991	Issues in Science and Society
NRSC 1110	The Science and Management of Natural Resources
NRSC 2000	Introduction to the Study of Soils
NRSC 2100	Forest Ecology and Silvics 1
NRSC 3200	Silviculture
NRSC 3210	Range Management
NRSC 4020	Natural Resource Entomology
NRSC 4040	Wildlife Management and Conservation 1: Theory and Principles
NRSC 4050	Wildlife Management and Conservation 2: Practice and Application
NRSC 4100	Fisheries Management
NRSC 4110	Watershed Management
NRSC 4140	Natural Resource Policy and Planning
NRSC 4250	Tropical Field Studies in Natural Resources
NURS 3500	Health 4: Health Promotion and Community Empowerment
PHIL 4350	Environmental Ethics
PHYS 1010	Physics for Future Leaders
SCDE 2019	Introduction to Sustainable Community Development
SCDE 3019	Sustainable Community Development Theory and Practice
SCDE 4019	Social Enterprise for Sustainable Community Development
SCDE 4039	Leadership in Sustainable Community Development
SCDE 4109	Special Topics in Sustainable Community Development
SOCI 2620	Sociology of the Environment
SOCI 3169	Tourism and Social Policy
SOCI 3459	Race, Immigration, and the Canadian State
SOCI 3600	Sociology and Natural Resources
SOCI 3620	Food Security in a Global Setting
SOCW 4800	International Social Work

TMGT 2610	Environmental Issues in the Tourism Industry
TMGT 3010	Community and Cultural Issues in Tourism
TMGT 3040	Land Use Management and Tourism
TMGT 4040	Tourism and Sustainable Development
TMGT 4160	Tourism in a Global Environment
WTTP 1171	Environmental Legislation
WTTP 1701	Water Sources
WTTP 1711	Water Treatment I
WTTP 1851	Water Treatment II
WTTP 2141	Slow and Rapid Sand Filtration
WTTP 2171	Basic Principles of Disinfection
WTTP 2721	Advanced Coagulation and Particle Removal
WTTP 2801	Microbiology and Toxicology

## **Sustainability Related Courses**

ADVG 1020	Wilderness Travel
ANTH 2140	Canadian Native Peoples
ANTH 2600	Minorities in the Modern World
ANTH 3030	Ethnography of Special Areas: Central and Eastern Europe
ANTH 4040	Peoples and Cultures of the North American Arctic
ANTH 4050	Canadian Status/Treaty Indian Reserve Communities
APEC 1611	Introduction to First Nation Taxation
APEC 1651	Communications, Taxpayer Relations, and Dispute Resolution
APEC 1681	Capital Infrastructure and Debenture Financing
APEC 2641	Residential and Commercial Development on First Nation Lands
APEC 2651	Investment Facilitation on First Nation Lands
BBUS 3031	Business and Society
BBUS 4219	Financial Management
BBUS 4489	Local Government Financial Management
BBUS 4859	Contemporary Topics in Administration: Deliberation, Civic Engagement, and Public Policy
CMPT 4129	Human Side of Information Systems
CNST 3250	Quebec Cinema in Translation
CRIM 3129	Criminological Perspectives on Social Problems
CRIM 3149	Mental Disorder, Criminality, and the Law
CRIM 3329	Sociology of Law
CRIM 4029	Biological Explanations of Crime
CYCA 3819	Leadership, Advocacy and Policy for the Early Years
CYCA 4629	Perspectives on Substance Use in Child and Youth Care Practice
CYCA 4639	Substance Use: Prevention and Treatment Approaches in Child and Youth Care Practice
ECON 1951	Principles of Macroeconomics

ECON 2631	Issues in Aboriginal Economics
ECON 2950	Intermediate Macroeconomics 1
ECON 3690	Community Economic Development
EDLL 3920	Innovative Language Teaching Practices for Aboriginal Language Classrooms
ENGL 4470	Studies in Aboriginal Literature (North American)
FILM 3250	Quebec Cinema in Translation
FNST 1019	The Cultures, Languages, and Origins of Canada's First Peoples
FREN 3250	Quebec Cinema in Translation
FRST 3073	Forest Harvesting
GEOG 3200	Cultural Geography
GEOG 4850	Geography of First Nations Issues in British Columbia
GERO 4079	Nutrition and Aging
HART 4879	Heritage Resource Management
HART 4889	Caring for Collections
HART 4939	Curatorship: Contemporary Perspectives
HART 4949	Determining Significant Heritage Resources
HIST 2020	Native History of Canada (HUM/SS)
HIST 4050	Social and Cultural History of British Columbia
HLTH 1021	Nutrition for Health and Changing Lifestyles
HLTH 4011	Issues in Health Care
HORT 1520	Diseases and Insect Pests
HSRC 1000	Health: Lifestyle and Choices
HUMN 3011	History of Science
HUMN 3981	Issues in Latin American Studies
HUMS 1770	Introduction to First Nations Studies and Human Service Practice
HUMS 1771	Introduction to First Nations Studies and Human Service Practice
KINE 1109	Human Nutrition: Current Issues
KINE 1119	Food and Food Safety
KINE 1409	Contemporary Health Issues
KINE 1439	Exercise: Health and Performance
KINE 2129	Food and Society
KINE 3109	Exercise/Work Physiology
KINE 3119	Applied Human Nutrition
NAST 0500	Introduction to First Nations Studies
NAST 0600	An Overview of Major Issues in First Nations Studies
NRSC 4030	Natural Resource Pathology
NRSC 4130	Fire Ecology and Management
NURS 1730	Health and Healing 1: Living Health
NURS 1830	Health and Healing 2: Health Indicators
NURS 4300	Health/Professional Growth: Nurses Influencing Change
NURS 4849	Nursing with Aboriginal Peoples in Canada
NURS 4889	Women's Health
NURS 4899	Culture and Health

NURS 4959	Lived Experience of Health in Aging
PHED 1230	Conditioning
PHED 1439	Multidisciplinary Foundations of Physical Activity
PHED 2150	Exercise Physiology
PHED 3450	Contemporary Issues in Health and Physical Activity
PHED 4350	Fitness Assessment and Exercise Prescription
PHIL 1021	Introduction to Ethics, Political Philosophy, and Aesthetics
PHIL 2310	Health Care Ethics
PHIL 4330	Biomedical Ethics
PHIL 4920	Ethics and the Holocaust
POLI 1111	Canadian Government and Politics
POLI 2229	Introduction to Canadian Politics
POLI 2600	International Politics
POLI 3279	Globalization and the Canadian State
POLI 3991	Globalization and Its Discontents: The Politics of Economic Change
PSYC 3151	Developmental Psychology of Children
PSYC 3451	Adolescent Development
SOCI 1111	Introduction to Sociology I
SOCI 1211	Introduction to Sociology II
SOCI 1509	Introduction to Sociology
SOCI 2260	Medical Sociology
SOCI 2590	Deviance and Control
SOCI 3991	Sociology of Diversity: Issues for Canadians
SOCI 4221	The Social Construction of Crime and Deviance
SOCI 4301	Sociology of Families: Modern Family Life in Global Perspective
SOCI 4311	Sociology of the Family: Families in a Multicultural World
SOCI 4600	Globalization
SOCW 3540	An Introduction to First Nations Issues and Human Services
SOCW 3551	Human Development
SOCW 3590	Advanced Social Work Practice with Individuals
SOCW 4040	Ethical Practice in Aboriginal Communities
SOCW 4540	Aboriginal Decolonizing Social Work Practice
WOST 1019	Introduction to Women's Issues in Canada

\*This inventory will be updated in the future. If you have any suggestions for additions or changes, you can contact: Andrew Pillar at [apillar@tru.ca](mailto:apillar@tru.ca)