

Pre-approved Elective Course Options for Students Enrolled in the Collaborative Environment and Sustainability Program

The following courses are "pre-approved" for environment and sustainability content* only. Students must still seek the permission of the course instructor and submit a **Outside Home Program Course Enrollment Form** to the Collaborative Environment and Sustainability program office before enrolment in the course for program credit. Students may not choose a course offered in their home department to fulfill the elective course requirement.

*In cases where the **course number** (not term A/B) or **instructor** has CHANGED, the course will no longer fall into the "pre-approved" category. The student is required to submit a current course outline to the Environment and Sustainability program for approval before selecting for program credit.

Title	Department	Instructor	Course number
Approaches to landscape archeology	Anthropology	L. Hodgetts	Not currently offered
Political ecology and nature cultures	Anthropology	Adriana Premat	Not currently offered
Biodiversity and Ecosystem Function	Biology	Z. Lindo	BIOL 9440 A/B
Domestication	Biology	J. McNeil	BIOL 9215 A/B
Topics in Ecology and Evolution: Entomology	Biology	J. McNeil	BIOL 9440 A/B
Biodiversity Science	Biology	Lindo/Thorn/Branfireun	BIOL 9424
Ecosystem Services	Biology	I. Creed	Not currently offered
Global Change Biology	Biology	D. Way	BIOL 9419B
Microalgal systems: Biotech and applications	Chemical & Biochemical Eng	A. Bassi	CBE 9265 A/B
Environ. Applications of nanotechnology	Civil & Environ Engineering	Jose Herrera	Not currently offered
Aquatic Chemistry	Civil & Environmental Eng	C. Robinson	CEE 9642 A/B
Management of Water Resources Systems	Civil & Environmental Eng	S. Simonovic	CEE 9564 A/B
Ancient Ecosystems	Earth Sciences	J. Jin	ES 9532 A/B
Isotope Geochemistry in Earth and Environmental Science	Earth Sciences	F. Longstaffe	GEOL 9506 A/B
Computer Modeling of Natural Processes	Earth Sciences	R. Shcherbakov	GEOPHYS 9531 A/B
Special Topics: Best Practices in Sustainable Mineral Resource Development in Ontario	Earth Sciences	D. Good	GEOL 9702 A/B
Fundamentals of Ground Water Flow	Earth Sciences	R. Schincariol	GEOL 9540 A/B
Introduction to GIS	Geography		GEOG 9110 A/B
Environmental Monitoring	Geography		GEOG 9103
Environmental Change	Geography		GEOG 9104
Environmental Modeling	Geography		GEOG 9105
Energy and Environmental Justice	Geography	C. Hunsberger	GEOG 9120
Environment and Health	Geography	I. Luginaah	GEOG 9107 A/B
Urban Climatology	Geography	J. Voogt	GEOG 9224 A/B
Environmental History	History	A. MacEachern	HIST 9833 A/B
Philosophy of Ecology	Philosophy	E. Desjardins	PHIL 9220 A/B
Atmospheric Physics	Physics and Astronomy	R. Sica	PHYS 9720 A/B