

## Graduate Sustainability Related Courses

**Sustainability Related** courses are courses focused on a topic other than sustainability but incorporate a unit or module on sustainability or a sustainability challenge, including one or more sustainability-focused activities, or integrate sustainability issues throughout the courses.

Courses	Department	Course Title	Sustainability Keywords
SSCI 5080G	Criminology	Crime and Inequality	policy decisions on race, class, gender, discrimination poverty, homelessness
ENGR 5100G	Engineering	Advanced Energy Systems	energy storage, solar power, wind power, geothermal district heating systems
ENGR 5101G	Engineering	Thermal Energy Storage	energy storage, environmental impact, energy savings, solar energy
ENGR 5161G	Engineering	HVAC and Refrigeration Systems Design and Analysis	energy use and environmental impact, indoor air quality, solar radiation, thermal energy storage
ENGR 5223G	Engineering	Advanced Manufacturing Processes and Methodologies	optimization for environment
NUCL 5070G	Nuclear	Environmental Modelling	pollutants, environmental compartments, environmental modelling
NUCL 5330G	Nuclear	Principles of Nuclear Facility Decommissioning	decontamination, waste, end state
NUCL 5600G	Nuclear	Future Role of Nuclear Energy	social license, waste management, energy supply, low carbon energy supply
NUCL 6140G	Nuclear	Life Cycle Assessment in Nuclear Applications	life cycle assessment, environmental impacts, waste management
MSPI 5040G	Social Practice and Innovation	Advocacy, Change and Social Practices	advocacy, economic reform, grassroots organizing, activist movements, poverty reduction, Indigenous sovereignty, unequal access to power
UN 0602	University Network of Excellence in Nuclear Engineering	Nuclear Fuel Waste Management	waste management
Total			11