

EV7137 Module Specification

Module Title: Sustainability and Adaptation Concepts in Practice	Module Code: EV7137 Level: 7 Credit: 15 ECTS credit: 7.5	Module Leader: Ruth Stevenson
Pre-requisite: none	Pre-cursor: none	
Co-requisite: none	Excluded combinations: none	Suitable for incoming study abroad? N
Location of delivery: CAT and online – blended delivery		
Summary of module for applicants:		
<p>This module will embed, within students, a thorough understanding of transformational adaptation strategies and processes in responding to environmental change</p> <p>They will go on to understand the influence of power, knowledge, and ethics in the development of transformational adaptation responses.</p> <p>Finally, they will gain an appreciation of the interdisciplinary nature of transformational adaptation strategies through facilitated and self-reflective practical team exercises.</p>		
Main topics of study:		
<ul style="list-style-type: none"> • Fundamentals and examples of transformational adaptation planning approaches and strategies in relation to environmental change • The influence of power, knowledge and ethics in the historical development of the climate and biodiversity crisis and climate injustices; and in societal responses. • Interdisciplinary, creative and co-creative approaches in developing transformational strategies 		
This module will be able to demonstrate at least one of the following examples/ exposures		
<p><i>Live, applied project</i> <input type="checkbox"/></p> <p><i>Company/engagement visits</i> <input checked="" type="checkbox"/></p> <p><i>Company/industry sector endorsement/badging/sponsorship/award</i> <input type="checkbox"/></p>		
Learning Outcomes for the module		
<p>Where a LO meets one of the UEL core competencies, please put a code next to the LO that links to the competence.</p> <ul style="list-style-type: none"> • <i>Digital Proficiency - Code = (DP)</i> • <i>Industry Connections - Code = (IC)</i> • <i>Social & Emotional Intelligence - Code = (SEI)</i> • <i>Physical Intelligence - Code = (PI)</i> • <i>Cultural Intelligence - Code = (CI)</i> • <i>Community Connections & UEL Give Back - Code = (CC)</i> • <i>Cognitive Intelligence – Code = (COI)</i> • <i>Enterprise and Entrepreneurship (EE)</i> 		
At the end of this module, students will be able to:		
<i>Knowledge</i>		

1. Contextualize the discipline of transformational adaptation in relation to current environmental change (COI)

Thinking skills

2. Critically examine the implications of power, knowledge, and ethics in developing transformational adaptation strategies (CI)

Subject-based practical skills

3. Develop a critical understanding of how co creative practices can contribute to developing transformational adaptation strategies (SEI)
4. Evaluate the ethical dilemmas when problem-solving and decision-making in relation to transformation and environmental change (SEI)

Skills for life and work (general skills)

5. Demonstrate that they can work effectively in interdisciplinary teams (SEI)
6. Effectively communicate to both peers and a wider audience (EE) (PI)

**Teaching/ learning methods/strategies used to enable the achievement of learning outcomes:
For students studying onsite and by distance learning:**

The factual content of the module is taught through lectures, seminars, practical workshops, presentations, demonstrations and tutorials, and throughout this process an active exchange of views and opinions is encouraged. There is a focus on practice in this module, to embed theoretical learning. This takes place in a multidisciplinary team setting to encourage discussion and peer to peer learning.

Students have access to MS Teams where they can access recorded and written support material, meet with their peers and a tutor to discuss any academic issue. Both theoretical and practical aspects are covered both onsite and through interactive sessions on Teams.

There is a formative learning element to the module to allow the students to receive critical feedback on their work without the pressure of marked assessment.

For distance learning (DL) students, learning will be supported through streamed and recorded Internet-based lectures (of the onsite lectures), virtual multidisciplinary team work, seminars and tutorials.

Lectures onsite and through MS Teams highlight key concepts, models and frameworks, and integrate additional resources (such as journal articles). Self reflective practice is introduced to support learning and integration of concepts into future practice.

Assessment methods which enable students to demonstrate the learning outcomes for the module; please define as necessary:

Weighting:

Learning Outcomes demonstrated:

Report (3000 words max)

100%

1,2,3,4,5,6

Reading and resources for the module:

These must be up to date and presented in correct Harvard format unless a Professional Body specifically requires a different format

Core

Lonsdale, K., Pringle, P. & Turner, B. (2015). *Transformative adaptation: what it is, why it matters & what is needed*. UK Climate Impacts Programme, University of Oxford, Oxford, UK *

Boykoff, M & Moser S (2013) *Successful adaptation to climate change: linking science and policy in a rapidly changing world*, Abingdon, Oxon England: Routledge

Bauman, W., O'Brien, K (2019) *Environmental Ethics and Uncertainty: Wrestling with Wicked Problems* Routledge, Oxon New York

Boylan, M (ed.) (2013,) *Environmental Ethics*, 2e, John Wiley & Sons, Incorporated, Somerset

Pelling, M O'Brien, K. and Matyas, D (2015) Adaptation and transformation. *Climatic Change*, **133**(1), pp. 113-127.* Available as e-resource

Recommended

Fedele, G., et al. (2019) Transformative adaptation to climate change for sustainable social-ecological systems. *Environmental Science & Policy* **101**: 116-125
<https://www.sciencedirect.com/science/article/pii/S1462901119305337?via%3Dihub>

Few, R., Morchain, D., Spear, D. *et al.* Transformation, adaptation and development: relating concepts to practice. *Palgrave Commun* **3**, 17092 (2017) <https://doi.org/10.1057/palcomms.2017.92>

Scoones, I., Stirling, A., Abrol, D., Atela, J., Chrli-Joseph, L., eakin, H., Ely, A., Olsson, P., Pereira, L., Priya, R., van Zvananberg, P., yang, L., (2020). "Transformations to sustainability: combining structural, systemic and enabling approaches." *Current Opinion in Environmental Sustainability* **42**: 65-75 <https://www.sciencedirect.com/science/article/pii/S1877343519300909>

Provide evidence of how this module will be able to demonstrate at least one of the following examples/ exposures

Live, applied project N/A

Company/engagement visits:

This module will include lectures and seminars from visiting lecturers who are active in the field of transformational adaptation, from across the world eg engaged in rainforest regeneration projects

Company/industry sector endorsement/badging/sponsorship/award N/A

Indicative learning and teaching time (10 hrs per credit):	Activity
1. Student/tutor interaction:	Lectures, seminars, tutorials, presentations, group work sessions / demonstrations 30 hours
2. Student self learning and research time:	Seminar reading and preparation, assignment preparation, background reading, and research activities. 120 hours
Total hours:	150 hours

For office use only. (Not required for Programme Handbook)

Assessment Pattern for Unistats KIS (Key Information Sets)	Weighting:
Coursework (<i>written assignment, dissertation, portfolio, project output</i>)	
Practical Exam (<i>oral assessment, presentation, practical skills assessment</i>)	
Written Exam	

HECoS Code:	
UEL Department:	

