

**SUMMER  
2024  
WEEKS 1-3**



## Developing a Global Green University Campus

IEEL020

Credit Value	Delivery	Contact Hours Per module	Self-Directed Hours Per module	Total Hours Per module
5 UoL credit, 2.5 ECTS	On-campus	12-16	34-38	50

**Module Leader: Adam Mannis**

*Lecturer in Construction Management and Engineering Sustainability in the School of Engineering. Adam teaches Sustainable Development as a global and interdisciplinary topic, using real examples (outside the classroom) for ISS students to compare with the situation in their own countries, cities and campuses.*

### Module Description

The Global Challenge of “Green Campuses” can be defined as ensuring that universities make efficient use of resources to minimise their impact on the environment, as well as engage students (in their roles as future leaders of society), staff and local communities in the planning and use of higher education operations that respect the principles of sustainable development. By drawing on academic and popular literature, students participating in this module will work together on three tasks: (i) to frame the challenge of how to establish a green campus; (ii) to identify and select a range of ideas and best practice examples that can develop green solutions within universities; and (iii) to put together a “leadership proposal” in the form of a presentation pitch that communicates a practical vision of a real-life “green campus”. Throughout the module, students will interact with members of the University, including its managers, professionals, societies and communities.

## **Module Aims:**

To Apply a range of analytical tools and frameworks that enable module participants to critically appraise the studying and living environment of the University of Liverpool (as a test example), whilst also comparing the situation with their own campuses from their differing countries/nations.

To create and evaluate a practical set of proposals for delivering a “green campus” that firstly draws on best practice examples, and secondly ensures that student end-users are actively involved in the planning and implementation phases.

To develop confidence in understanding and communicating cross-disciplinary ideas in different formats to diverse audiences.

To Improve skills in research and collaborative learning.

## **Content**

The following topics will be considered on the module:

The contribution of green university campuses to the principles of education for sustainable development.

Features of “best practice” green campuses, plus analytical tools for their measurement and assessment.

Case studies of green campus activities from the University of Liverpool, especially those led by its students.

Comparable international examples of green campuses/universities established in other countries.

Student-led communication mechanisms and campaigns that both promote and deliver green campuses.

Production of a leadership proposal through a presentation pitch of a “green campus” vision and action plan.

## **Module Structure**

The module will be delivered over a three-week period in six two-hour sessions (four hours per week, total 12 hours contact time). The final 2 sessions will be for assessment.

In addition, it is expected that students will spend 34-38 study hours outside of the classroom contact hours on activities including assigned reading, optional reading of areas of personal interest, homework tasks, web research and preparation for assessment. Students should be aware that in order to fully benefit from the face-to-face classroom sessions, they will need to have done the preparation work assigned beforehand.

## **Teaching Methods**

The teaching approach will include the following:

Taught sessions

Small group working  
 Group discussions  
 Presentations  
 Site visits and team interactions

**Assessment:**

Assessment will be by:  
 Group presentation (15 minute)  
 Multi choice/short answer questions (2 x 10 questions)

Standard University policies apply with regard to late submission of assessments

**Learning Outcomes:**

On completion of this module, students will be able to:

Learning outcome	Assessment component which assesses this learning outcome
Extract, summarise and evaluate information from a range of resources.	Group presentation (15 minutes)
put together an effective set of proposals for the planning and implementation of a campus-based "green" campaign	Group presentation (15 minutes)
Display confidence in understanding and communicating complex ideas in written language and mixed media.	Group presentation (15 minutes) Multi choice/short answer questions

**Skills:**

Key skills that will be developed:

Skill	How this skill is developed	Mode of assessment
Collaboration and Teamwork	Group discussions. Activities and tasks in class. Supplemented by real-life project visits to the city of Liverpool.	Group presentation (15 minutes)
Communication	Orally in group discussions, activities and tasks in class, in writing by production of assessed assignment	Group presentation (15 minutes) Multi choice/short answer questions

Synthesising complex information	Site visits and term interactions. Presentation of group work.	Group presentation (15 minutes)
----------------------------------	---	---------------------------------

**Books, ebooks and websites:**

The University Website at [www.liv.ac.uk/library](http://www.liv.ac.uk/library) provides access to many relevant books and electronic books, as well as academic journals and databases.