Module Specification

Built Environment Futures

Version: 2023-24, v2.0, 01 Aug 2023

Contents

Part 1: Information

Module title: Built Environment Futures

Module code: UBLM81-30-0

Level: Level 3

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

College: Faculty of Environment & Technology

School: FET Dept of Architecture & Built Environ

Partner institutions: None

Field: Architecture and the Built Environment

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: This module focuses on the future challenges of the built environment, including sustainability, fire safety, housing crisis, affordability, disruptive technologies, inclusivity and accessibility. The module takes a global approach to understanding current activities, with reference being made, for

example, to the United Nation's Sustainable Development Goals 2030. A case study approach will be adopted to highlight the wide-ranging challenges that exist, with a variety of development types being used for illustration.

Outline syllabus: Sustainability - The module introduces students to existing challenges and continues by outlining the type of actions that are considered necessary for delivering greater environmental, social and economic sustainability.
Fire Safety - the module will explore the impact of recent fires on the regulations used to govern building development and the subsequent impact of retail, design, supply chains and construction practices.
Affordable Homes - the module will explore the housing crisis and the factors that play a role.
Inclusive and Accessible Development - we will explore how development impacts social inequalities such as race identification, gender equality and factors affects those with physical impairments.
Disruptive Technologies - the module will explore the potential impact of technologies such as robotics, AI, automation and MMC.

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning will comprise lectures and workshops, including practical tasks. Lectures will provide a framework for understanding the reading and key issues covered by the module. Independent learning will use directed reading via the online reading list and a selection of online resources, including appropriate case studies.

As well as regular weekly taught sessions, the module will include attendance of a number of one-off activities, including site visits, industry conferences, online guest lectures and some industry focused taster CPD.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Identify the factors that affect the future challenges facing the built environment, considering regional, national and global contexts.

MO2 Identify and reflect on the role professional bodies, corporations and individual professionals play in tackling future challenges.

MO3 Investigate a subject and communicate an opinion on future outcomes based on researched evidence.

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

Total = 300

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link https://uwe.rl.talis.com/modules/ubgmpr-30-0.html

Part 4: Assessment

Assessment strategy: Reflective Piece - Students shall write a reflection demonstrating a deep awareness of one of the future challenges to the built environment, the current position of a Professional Body, the role played by conferences and CPD, and a prediction of how the industry might be different looking 10 years into the future.

Poster - Students will be asked to produce a poster reflecting on industry focussed changes which respond to future social economic, environmental or technological challenges.

Resit Reflective Piece - a similar brief to that described above, which may include some topic changes.
Resit Poster - a similar brief to that described above, which may include some topic changes.

Assessment tasks:

Poster (First Sit)
Description: Poster reflecting on industry.
Weighting: 50 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2

Reflective Piece (First Sit)
Description: Reflective report (1000 words)
Weighting: 50 %
Final assessment: No
Group work: No
Learning outcomes tested: MO3

Poster (Resit)
Description: Poster reflecting on industry.
Weighting: 50 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2

Reflective Piece (Resit)
Description: Reflective report (1000 words)
Weighting: 50 %
Final assessment: No
Group work: No
Learning outcomes tested: MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Real Estate {Foundation} [Frenchay] BSc (Hons) 2023-24

Building Surveying {Foundation} [Frenchay] BSc (Hons) 2023-24

Quantity Surveying and Commercial Management {Foundation} [Frenchay] BSc (Hons) 2023-24

Construction Project Management {Foundation} [Frenchay] BSc (Hons) 2023-24

Property Development and Planning {Foundation} [Frenchay] - Withdrawn BA (Hons) 2023-24