



Module Specification

Design Studio 3

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Contents

Module Specification	1
Part 1: Information	2
Part 2: Description	2
Part 3: Teaching and learning methods	4
Part 4: Assessment.....	7
Part 5: Contributes towards	9

Part 1: Information

Module title: Design Studio 3

Module code: UBLMG3-45-3

Level: Level 6

For implementation from: 2023-24

UWE credit rating: 45

ECTS credit rating: 22.5

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: Studio 2 2023-24

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: In addition to the learning outcomes the educational experience may explore, develop, and practise but not formally discretely assess the following:

Working as a member of a group and meeting obligations to others within the

module cohort.

The use of learning resources in support of studio practice, including building Regulation Guidance and, in particular, the relationship between written architectural theory and criticism and design practice.

Professional habits of work, time-keeping and punctuality

Outline syllabus: The module is taught as a sequence of studio projects. Each project brief provides a scenario that encourages critical evaluation, exploration and learning by the student. The studio projects are supported by lectures and workshops through which key skills and technical knowledge can be expanded. Projects vary in length although this time period does not correlate with the assessment value of the project – a short project about design ideas, for example, may carry equal assessment weight to a longer project that requires the physical making of a thing.

Design Studio 3 introduces the principles of frame construction in larger buildings addressing the follow key issues:

The investigation, critical appraisal and selection of structural systems. construction methods and materials.

Construction detailing of frame buildings

Environmental comfort and thermal performance in non-domestic buildings.

Assembly, maintenance and safety – current construction processes, comparison of procurement routes and assessment of health and safety.

Methods of predicting building performance and fire escape.

Methods of estimating the cost and value of building construction and property development and the ethical role of the construction professional.

Typically, Technical Element 2 of the Portfolio submission will include three work elements through which students are to demonstrate their learning of this technical syllabus:

general arrangement drawings – demonstrating the organisation of structure and construction envelope for a frame-structured building of three or more storeys;

the design of a building element – in model and detail drawing that demonstrates how construction detailing has informed an architectural idea;

a technical logbook –this is to be an edited account of the student's work that demonstrates the knowledge they have gained from their studio work and from the lecture and seminar series associated with the module.

Each project is critically reviewed at various stages jointly by academics and peers at its point of conclusion and indicative assessment feedback is provided. Students are expected to act on feedback and revise their projects as necessary for the final portfolio submission. The portfolio constitutes the formal assessment point for the module.

Students are expected to make this portfolio a full and comprehensive account of all their work on the module and to this end they are directed to keep sketch books, and field trip journal and an illustrated journal across the year to catalogue their observations, their process of design research and conceptual development for each project. These sketch books and the journals are an integral part of portfolio submission. Students will be expected to curate and provide a well presented portfolio.

Part 3: Teaching and learning methods

Teaching and learning methods: As a 45 credit module, students are expected to study for a total of 450 hours across the year. This time requirement is allocated as

follows:

267 hours contact time that includes lecture based sessions, small-group design seminars (providing tutorial support for on-going project work), feedback sessions, skills workshops and demonstrations, and one-to-one sessions as appropriate.

183 hours self-directed learning, including sessions within a timetabled design studio space, in which students are expected to prepare for, develop and resolve design projects, as well as respond to feedback and prepare final presentation material and portfolio content.

Scheduled learning: As noted above the intended Programme strategy is to provide the students with a greater understanding of architectural design and construction delivered as a studio-based and problem-centred learning experience. Expand their knowledge of cultural context and augment their ability to undertake and realise a rigorous piece of research.

Independent learning: The studio-based teaching continues the ethos of 'learning by doing'. Specific studio time is to be scheduled during which students are either undertaking self directed work or undertaking workshops or engaged in small group design seminars. Students are encouraged to engage in constructive discussions with each other and design tutors relating to their design and research projects. Projects are undertaken with staged submissions/presentations throughout the year and the bulk of students' time will be devoted to this work. Notwithstanding this, the final portfolio will form the critical resolution and demonstration of the year's work.

Scheduled learning includes lectures, seminars, group tutorials, project supervision, demonstration, practical classes and workshops; fieldwork; external visits; work based learning; supervised time in studio/workshop.

Independent learning includes hours engaged with essential reading, design project, assignment preparation and completion etc. These sessions constitute an average time per level as indicated in the table below. Scheduled sessions may vary slightly depending on the module choices you make.

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

MO1 Demonstrate an ability to create a well ordered design proposal responds to and satisfies the requirements of a clearly defined brief and relates to client and user needs and the wider social and cultural context.

MO2 Demonstrate an ability to evaluate critically locational, social, cultural, historical and morphological contexts in relation to architectural and urban design

MO3 Demonstrate an understanding of structural, environmental principles and the application of different materials and communicate this visually and verbally and in writing

MO4 Demonstrate an ability to communicate architectural and urban design ideas using architectural conventions and a range of media including: drawing, model making, 3D constructions, video and photography, the use of computer aided design techniques and verbal presentation

MO5 Demonstrate knowledge of contemporary frame construction and detailing in the design of a general arrangement for the structure, fabric and services of a non-domestic building of three or more storeys

MO6 Apply knowledge of contemporary construction techniques in the detailed design of an architectural assembly that expresses a declared architectural intention

Hours to be allocated: 450

Contact hours:

Independent study/self-guided study = 183 hours

Face-to-face learning = 267 hours

Total = 450

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/index.html) via the following link <https://uwe.rl.talis.com/index.html>

Part 4: Assessment

Assessment strategy: 100% of the module mark is awarded for the portfolio. The portfolio is formally understood by the professional validating bodies as the vehicle suitable for the assessment of an architectural student and, as such, is the assessment vehicle identified for this module. The portfolio has two clear elements that must be passed separately from each other (with a minimum mark of 40% in each), they are the design element of the portfolio (80%) and the technical element of the portfolio (20%).

During the year students will be asked to undertake a series of projects. These projects will vary from year to year but will always be designed to cover the material required of the learning outcomes and syllabus outline set out earlier in this specification. Students will receive formative feedback at the end of each project, allowing them to revise it for submission in the final portfolio.

All formal assessment is done through the final portfolio submission which is made up of the projects undertaken throughout the year. Each project tests different skills and knowledge and it is therefore unlikely that a final portfolio showing weakness in a particular project will demonstrate that the learning outcomes have been satisfactorily mastered.

The module handbook and project briefs will make clear to students what is required to demonstrate competence in each project.

The summative assessment is a holistic review of the portfolio submission, which is reviewed with regard to a range of assessment criteria published with the module handbook and project briefs. Typically, the criteria cover themes such as: development and realisation of the brief, response to user needs; architectural organisation; response to context; visual, verbal and written communication.

It is usual for a small part of the module to be conducted as group work, which usually equates to less than 10% of the module workload. Guidance related to the

portfolio submission requires that this work element is interpreted individually as part of the portfolio and that a clear distinction is made in the portfolio between the group work and any individual work that flows from this.

PSRB does not allow compensation.

Assessment tasks:**Portfolio (First Sit)**

Description: Design element of portfolio

Weighting: 80 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Portfolio (First Sit)

Description: Technical element of portfolio

Weighting: 20 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Portfolio (Resit)

Description: Design element of portfolio

Weighting: 80 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Portfolio (Resit)

Description: Technical element of portfolio

Weighting: 20 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Architecture and Planning [Sep][FT][Frenchay][4yrs] BA (Hons) 2021-22

Architecture and Planning {Foundation} [Sep][FT][Frenchay][5yrs] BA (Hons) 2020-21