

This table indicates the modules included in this programme and the structure which they follow.

Should you require further information about the modules, please contact [admissions@ucem.ac.uk](mailto:admissions@ucem.ac.uk)

2 years.

**Please note:**

Students can either start in September or February. For the September module information sheet, please see our website.

*Where considered necessary to do so at any stage, UCEM may seek to make variations to programme content, entry requirements and methods of delivery, and to discontinue, merge or combine programmes. This is subject to consultation with relevant students and other stakeholders, setting out the reasons for the proposed amendment(s), and compliance with the requirements of the UCEM Code of Practice on Programme Monitoring, Amendment, Review and Discontinuation. Should such an eventuality occur during the admissions and registration process, applicants will be informed immediately of any change and the alternative arrangements that have been put in place.*

Yr	February Semester	September Semester
1	Sustainable & Innovative Construction (20 Credits) Contract Administration & Practice (20 Credits)	Law for Construction (20 Credits) Management of Construction (20 Credits)
2	Procurement & Tendering (20 Credits) Building Economics (20 Credits)	Professional Cost Management (20 Credits)
Postgraduate Project (40 Credits)		

**Core Modules**

## Year 1

### Sustainable & Innovative Construction (core)

#### Aims

This module develops the principles of construction technology, including modern, innovative and traditional construction. Within the framework of a sustainable built environment, assessment methods and relevant codes and regulations are explored in providing for a sustainable agenda.

This module enables students to understand:

- construction principles and technology with reference to sustainability
- innovative building technology principles
- sustainability in the built environment
- sustainable and innovative issues of construction

#### Assessment

	Weighting
Assessment 1 - Coursework	50%
Assessment 2 - Examination	50%
Pass mark: 50%	

## Contract Administration & Practice (core)

### Aims

Students will study the administration of construction contracts from the contract commencement to final certification. The various standard forms of construction contracts are investigated.

This module enables students to understand:

- various standard forms of contract and sub-contract.
- the common conditions of contract and the interaction between the conditions of contract and the other contract terms.
- the practicalities of contract administration.

### Assessment

	Weighting
Assessment 1 - Report	40%
Assessment 2 - Examination	60%
	Pass mark: 50%

The assessment methods for the following modules, which will be delivered from September 2020, are currently in design and will be confirmed closer to the time. The assessments will consist of a variety of methods including:

- assessed coursework (such as essays, reports, portfolios, reflections, problem or short questions or video presentations)
- computer marked assessments
- project submissions

## Law for Construction (core)

### Aims

This module enables the student to develop a systematic understanding and recognition of aspects of the English legal system, pertinent to the construction sector. Within the construction sector, this module enables students to understand, in an international context:

- An overview of the legal regulatory frameworks relevant to the built environment;
- The relevance of Case Law and Statute to the use and interpretation of International Standard Contract Forms studies;
- The application and understanding of law and regulatory frameworks to construction case studies;
- The role of the construction professional in advising on legal and contractual matters.

## Management of Construction (core)

### Aims

This module develops both the personnel and organisational issues of construction management, with a focus on the managers of construction projects. Comprehensive understanding and practice of skills in managing, planning and controlling the safe production of a construction project are investigated.

This module enables students to understand, in an international context:

- The construction management agenda, drivers and landscape environment.
- Risk, Health & Safety implications and assessment in construction projects.
- Project and management skill sets required of the construction manager.
- The role of construction management in resourcing projects and adding value.

## Year 2

### Procurement & Tendering (core)

#### Aims

This module develops the principles and application of international project procurement, the tendering process and understanding and managing risk within a digital environment.

This module enables students to understand, in an international context:

- Procurement principles in an international arena;
- The tender process applied to a procurement strategy;
- The digital environment that supports international procurement and tendering;
- The effect of using different international standard forms of contract.

### Building Economics (core)

#### Aims

This module provides students with a comprehensive understanding of commercial aspects of a construction project during the pre-contract phase, including costs, financing, value management, cost control and – where applicable – the profitability of development opportunities. This module aims to provide the following in an international context:

- Comprehensively examine the provision of cost advice provided during the pre-contract phase of a construction project;
- Evaluate the role of value engineering and life cycle cost exercises;
- Evaluate the role of development appraisals and their relevance to project viability.

### Professional Cost Management (core)

#### Aims

This module brings together various cost management subjects and allows the exploration of a range of issues and challenges which contribute to the development of the cost management aspects of the quantity surveying profession. Therefore, it develops the knowledge, understanding and skills in construction quantification/ measurement and cost management required to operate in a dynamic, International and contemporary construction environment.

### Postgraduate Project (core)

#### Aims

This module requires students to hone their research skills whilst providing them with a vehicle to conduct a self-directed research project that reflects the culmination of their studies in the relevant Programme. This module serves MSc and the MBA awards and topics selected are expected to reflect the students' respective programmes of study. Additionally, MBA students are expected to choose projects which offer evidence of one or more of the following central facets of their programme: reflective practice, leadership and strategic management.