UNIVERSITY COLLEGE
OF ESTATE MANAGEMENT

Undergraduate Single-module study for Continuing Professional Development (CPD)

Programme Specification 2022-2023

Version: 5.00

Status: Final

Date: 06/05/2022

Summary Programme Details

Final Award

Award: Certificate of Personal and Professional Development (CPPD)

Title of (final) Programme: Undergraduate Single-module study for Continuing Professional Development (CPD)

Credit points: Up to 40

Level of award (QAA FHEQ): 5 or 6

Other award(s)

Award 1: N/A

Credit points:N/A

Level of award (QAA FHEQ): N/A

Validation

Validating institution: University College of Estate Management (UCEM)

Date of last validation: December 2019

Date of next periodic review: December 2024

Date of commencement of first delivery: Autumn 2020

Duration: 1 semester

Maximum period of registration: 3 years

UCAS Code/ HECoS Code: N/A/ 100216

Programming Code: UXXC

Other coding as required: PD

Professional accreditation / recognition

Accrediting/recognising body: N/A

Details of the accreditation/recognition: N/A

Date of last programme accreditation/recognition: N/A

Date of next periodic review: N/A

QAA benchmark statement

UK Quality Code for Higher Education (opens new window)

The Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (opens new window)

Quality Assurance Agency (QAA) Subject Benchmark Statement: Land, Construction, Real Estate and Surveying October 2016 (opens new window)

Programme Overview

Rationale

The programme provides an opportunity for practitioners and aspiring surveyors to undertake a single module, or a selection of modules, from the UCEM undergraduate provision for the purposes of Continuing Professional Development (CPD).

Prospective students can review their current knowledge and experience gaps to consider key topics areas that can supplement their in-house training and varied experience. This then can be part of a portfolio of training and experience that may allow them to approach professional bodies where there is an experience pathway into chartership.

The purpose of this programme is not to provide an entry into achieving a full degree or interim award. The programme is a vehicle for structured learning to supplement training and CPD needs.

Entry Requirements

Students are required to be 18 years or over at the start of their programme.

Entrants to this programme normally are required to:

1. Have GCSE Grade 4 (or C) or above in English and Mathematics or an equivalent Level 2 qualification in English and Mathematics as defined by the Regulated Qualifications Framework (RQF) in England.

   And

   Have successfully completed level 4 study or equivalent*, if applying for a level 5 module, OR level 5 study or equivalent*, if applying for a level 6 module.

OR

2. Have GCSE Grade 4 (or C) or above in English and Mathematics or an equivalent Level 2 qualification in English and Mathematics as defined by the Regulated Qualifications Framework (RQF) in England.

   And

   Have obtained 96 UCAS tariff points or an equivalent level of attainment through recognised qualifications not included in the UCAS tariff, *

   And

   Be in relevant employment** and have work experience that is commensurate with level 4 study, if applying for a level 5 module, OR commensurate with level 5 study, if applying for a level 6 module. The applicant will be asked to provide a detailed personal statement and/or a reference or letter of support from an employer or mentor to support the application. This will be assessed by the Recognition of Prior Learning panel to determine whether the work experience is commensurate with the relevant level.

* Levels are defined by Framework for Higher Education Qualifications for England, Wales and Northern Ireland (FHEQ) (opens new window). A Higher National Certificate (HNC) is at Level 4 and a Higher National Diploma (HND) is at Level 5. The academic level of international qualifications will be assessed using UK NARIC. Equivalent attainment can include:

- Completed an Advanced Apprenticeship in Surveying or an Advanced Apprenticeship in Construction Technical through which a Construction and Built Environment Diploma with a minimum DD profile was obtained or through which a Construction and Built Environment Extended Diploma with a minimum MMM profile was obtained, or an equivalent qualification;
- Have a current Royal Institution of Chartered Surveyors (RICS) Associate qualification (AssocRICS)

For more information on equivalent qualifications please contact: admissions@ucem.ac.uk.

** Relevant employment is employment in a job role that will support the applicant in developing the required skills, knowledge, and behaviours.

If an applicant does not meet the standard entry requirements UCEM will consider the application on an individual basis. In these cases, the application will be assessed by the Programme Leader, who will give careful consideration to any professional and life experiences as well as any academic or vocational qualifications the applicant may hold. The applicant may be asked to provide a detailed personal statement and/or a reference or letter of support from an employer or mentor to support the application.

Applications are assessed in accordance with the UCEM Code of Practice: Admissions and Recognition of Prior Learning (opens new window).

English language requirements

All UCEM programmes are taught and assessed in English. In addition to the programme entry requirements listed above, all applicants will therefore be required to demonstrate adequate proficiency in the language before being admitted to a programme:

- GCSE Grade 4 (or C) or above in English Language or English Literature, or an equivalent qualification. For further information on equivalent qualifications please contact: admissions@ucem.ac.uk.
- Grade 5.5 or above, with at least 5.5 in the reading and writing modules, in the International English Language Testing System (IELTS) academic test administered by the British Council.
- 79 or above in the Internet option, 213 or above in the computer-based option or 550 or above in the paper-based option, of the Teaching of English as a Foreign Language (TOEFL) test.
- Grade 4 (or C) or above in English (Language or Literature) at A/S Level.
- Holders of a cognate sub-degree (Level 5) qualification taught and assessed in English from the University of Hong Kong or City University of Hong Kong.
- HKDSE (Hong Kong Diploma of Secondary Education) Grade 3, or HKALE (Hong Kong Advanced Level Examination – Advanced Level & Advanced Supplementary Level) Grade E, or HKCEE (Hong Kong Certificate of Education Examination) Grade 3-5* or Grade A-D (Syllabus B only).

*Applicants with a Bachelor's Degree that has been taught and examined in the English medium can be considered for entry in the absence of the qualifications detailed above.

Recognition of prior learning (RPL) or recognition of prior experiential learning (RPEL) routes into the programme

UCEM policy and procedures for Recognition of Prior Learning (RPL) and Recognition of Prior Experiential Learning (RPEL) are set out in the UCEM Code of Practice: Admissions and Recognition of Prior Learning (opens in new window). This policy statement takes precedence in any such decision.

RPEL may be used to support an application for entry onto the programme in accordance with the entry requirements stated in the section above. However, RPL and RPEL do not normally enable the transfer of credit/exemption on the programme.

Programme Progression

The purpose of this programme is not to provide an entry into achieving a full degree or interim award. The programme is a vehicle for structured learning to supplement training and CPD needs.

Completion of this programme is not intended to provide entry onto any other UCEM award. Credits achieved through this Undergraduate Single Module Study programme cannot be transferred to provide exemptions on any other UCEM award.

This programme is not professionally accredited and cannot be used on its own for meeting the requirements for membership of the Royal Institution of Chartered Surveyors (RICS), or the Chartered Institute of Building (CIOB). However, it may be used for meeting the Continuing Professional Development (CPD) requirements for professional membership.

Award Regulations

For details of award arrangements, please view the Academic and Programme Regulations (opens new window).

Successful completion will result in the participant receiving a UCEM Certificate of Personal and Professional Development (CPPD).

Career Prospects

This programme supports students in furthering their professionalism within industry and will enhance their career path opportunities.

This programme enables students to decide whether to progress to a fully accredited undergraduate programme.

Programme Aims

Programme aims

The Programme is designed for holders of a professional qualification and/or a non-cognate or semi-cognate Bachelor's Degree to study an undergraduate module that is focused on the core disciplines associated with a range of built environment pathways. It develops a student's ability to integrate interdisciplinary theory and practice and to research and evaluate data in order to solve complex problems.

Market and internationalisation

This programme is aimed at UK and international students. While UK law, regulatory controls and practice are at the core of the study materials, the programme aims to contextualise within an international framework. Where possible, comparative examples are used to highlight the difference in regional approaches, and thus foster further understanding of the principles and applications introduced.

Learning Outcomes

Having successfully completed the programme, the student will have met the following learning outcomes if a level 5 module was studied.

Level 5

A – Knowledge and understanding

Learning Outcomes		Relevant module
A5.1.	Process and interpret data from various sources and apply to professional practice	All outcomes are tested in each module.
A5.2.	Analyse and solve complex problems using appropriate models and methods.	

B – Intellectual skills

Learning Outcomes		Relevant module
B5.1.	Integrate and transfer appropriate knowledge, skills and learning throughout the range of subject areas covered.	All outcomes are tested in each module.
B5.2.	Apply concepts and principles across the various subject areas within the same level of study.	
B5.3.	Select and apply appropriate techniques of appraisal, analysis and research.	

C – Subject practical skills

Learning Outcomes		Relevant module
C5.1.	Use the main methods of enquiry to evaluate the appropriateness of different approaches to solving a range of problems arising in a professional environment.	All outcomes are tested in each module.
C5.2.	Discuss the importance of environmental, social and governance criteria to professional practice.	

D – Key / Transferable skills

Learning Outcomes		Relevant module
D5.1.	Communicate effectively and professionally in a range of mediums to both industry and academic stakeholders.	All outcomes are tested in each module.
D5.2.	Work independently and manage time efficiently	
D5.3.	Identify and solve problems and make decisions through reflective thinking and analysis	
D5.4.	Identify where sustainable principles can be adopted thereby considering wider sustainable opportunities and constraints.	

Having successfully completed the programme, the student will have met the following learning outcomes if a level 6 module was studied.

Level 6

A – Knowledge and understanding

Learning Outcomes		Relevant module
A6.1.	Demonstrate a critical awareness and systematic understanding of issues and the wider business environment including the political, economic, legal, social, technological, cultural, health and safety, sustainability and global influences within which property, construction and client organisations operate.	All outcomes are tested in each module.
A6.2.	Critically evaluate research methods and demonstrate synthesis of a range of data in a research investigation.	

B – Intellectual skills

Learning Outcomes		Relevant module
B6.1.	Critically evaluate existing techniques and paradigms in a professional context.	All outcomes are tested in each module.
B6.2.	Design and present an independent investigation that demonstrates research and synthesis of data and effective communication of results.	
B6.3.	Synthesise a range of information and solve complex problems involving the creative application of built environment knowledge relevant to the selected module.	

C – Subject practical skills

Learning Outcomes		Relevant module
C6.1.	Use the main methods of enquiry to evaluate the appropriateness of different approaches to solving a range of problems arising in a professional environment.	All outcomes are tested in each module.
C6.2.	Identify and apply technology and decision analysis tools to solve complex problems.	

D – Key / Transferable skills

Learning Outcomes		Relevant module
D6.1.	Communicate effectively and professionally in a range of mediums to both industry and academic stakeholders that reflects the level of study.	All outcomes are tested in each module.
D6.2.	Demonstrate the ability to identify, use, interrogate, interpret and critically evaluate a range of sources of information.	
D6.3.	Have developed the attitudes and applied skills to make informed decisions that reflect care, concern and responsibility for themselves, for others and the environment, now and in the future.	

Programme Structure

Please note that the Single Module Study programme consists of a selection of individual modules taken from UCEM's validated programmes.

Module List

Code	Module	Level	Credits	Core/ Elective	Semester*	Pathway
BCU5CON	Building Control	5	20	Elective	Autumn	BC
BSU5PCC	Project and Cost Control	5	20	Elective	Autumn	BS
BSU5PCO	Planning and Conservation	5	20	Elective	Autumn	BC, BS
DEV5DPA	Development Process and Appraisal	5	20	Elective	Autumn	REM
LAW5PRL	Property Law	5	20	Elective	Autumn	BS, BC, REM
PLN5POL	Planning Practice and Policy	5	20	Elective	Autumn	REM
QSP5CPR	Contract Administration and Practice	5	20	Elective	Autumn	QS, CM

Code	Module	Level	Credits	Core/ Elective	Semester*	Pathway
QSP5ETC	Estimating and Tendering**	5	20	Elective	Autumn	QS
QSP5MQC	Measurement and Quantification of Construction Work	5	20	Elective	Autumn	CM, QS
SMA5CSM	Construction Site Management	5	20	Elective	Autumn	CM
BCU6FSA	Fire Safety	6	20	Elective	Autumn	BC
BSU6BPA	Building Pathology	6	20	Elective	Autumn	BC, BS
BSU6PSP	Professional Surveying Practice	6	20	Elective	Autumn	BS
INV6IAP	Investment Appraisal and Portfolio Management	6	20	Elective	Autumn	REM
LAW6CON	Construction Law	6	20	Elective	Autumn	QS
MAN6CMC	Commercial Management in Construction	6	20	Elective	Autumn	QS, CM
MAN6CPM	Commercial Property Management	6	20	Elective	Autumn	BS, REM
CON5TE3	Construction Technology 3	5	20	Elective	Spring	BS, BC, QS, CM
DES5DES	Design and Environmental Science	5	20	Elective	Spring	BC, BS
ECO5BEC	Economics for the Built Environment	5	20	Elective	Spring	BC, BS, CM, QS, REM
QSP5DEC	Design Economics and Cost Planning	5	20	Elective	Spring	QS
TEC5STR	Building Structures	5	20	Elective	Spring	CM
VAL5TFM	Valuation - The Five Methods***	5	20	Elective	Spring	REM
VAL5VCP	Valuation Context and Principles	5	20	Elective	Spring	REM
BCU6PSB	Public Safety in Buildings	6	20	Elective	Spring	BC
BSU6BSP	Building Surveying Practice	6	20	Elective	Spring	BS
MAN6MMA	Maintenance Management	6	20	Elective	Spring	CM
PMA6CPM	Construction Project Management	6	20	Elective	Spring	BS, QS, CM
QSP6QSP	Professional Quantity Surveying Practice	6	20	Elective	Spring	QS
VAL6APP	Applied Valuation	6	20	Elective	Spring	REM

Code	Module	Level	Credits	Core/ Elective	Semester*	Pathway
VAL6STV	Statutory Valuations	6	20	Elective	Spring	REM

Notes

* Please note that the availability of modules and their delivery semester may vary year to year and will be confirmed on the UCEM website

** It is strongly advised that you study QSP5MQC Measurement and Quantification of Construction Work or have a firm understanding of the topics covered in QSP5MQC Measurement and Quantification of Construction Work, before attempting QSP5ETC Estimating and Tendering.

*** It is strongly advised that you study VAL5VCP Valuation Context and Principles or have a firm understanding of the topics covered in VAL5VCP Valuation Context and Principles, before attempting VAL5FTM Valuation – The Five Methods.

Credits are part of the Credit Accumulation and Transfer System (CATS). Two UK credits are equivalent to one European Credit Transfer System (ECTS) credit.

Module Choices

Students can choose to study whichever modules interest them; however, students are advised to choose a module from the pathway that is relevant to their professional specialism. (BC = Building Control, BS = Building Surveying, CM = Construction Management, QS = Quantity Surveying, REM = Real Estate Management). This choice may be dictated by the CPD requirements specified by some professional bodies.

Module Summaries

BCU5CON Building Control

This module introduces building control students to one of the core competencies within the industry and a competency which is required for students to become members of the accrediting professional bodies. The module examines the requirements for site inspections of building work to ensure that the work carried out meets relevant performance standards. Students will examine the Building Act 1984 or relevant equivalent in the country the student is based, together with the regulations or guidance which stem from this. Students will apply the standards and regulations to different scenarios, consider the phases of compliance and examine the mechanisms for dealing with non-compliant work.

BSU5PCC Project and Cost Control

This module aims to provide the student with an understanding of the activities relating to project cost control, within the scope of the building surveyor. The approach is to move chronologically through the pre-contract stage, involving the preparation of an outline cost plan and approximate estimates, through to the contract and post contract stage of a project. The importance of considering lifecycle costs and the maintenance management of a building are covered, along with sustainability in relation to its impact on cost. Contract documentation and contract administration are then considered, together with post-contract cost control issues.

BSU5PCO Planning and Conservation

This module provides a brief introduction to the evolution of buildings from the 18th to the 21st centuries. It also provides a brief introduction to the UK planning system.

It comprises the dating of buildings through the evolution of materials and architectural styles; planning policy and plan making; the regulations affecting development; and contemporary planning issues. The overall emphasis is on a practical approach to the subject.

CON5TE3 Construction Technology 3

This module develops students' knowledge of the theory and practice of building technology and sustainability for complex projects. It comprises the following broad subject areas: advanced construction techniques; technology/process innovation and development; components; building services; civil engineering; sustainability; legislation; building regulation; contaminated land; works incorporating existing buildings; (complex sites). It includes consideration of a range of complexities due to the site, the environment, construction, or unusual situations.

DES5DES Design and Environmental Science

This module covers key aspects of the theory and practice of design for buildings and the relation of the building to the study of the environment. It applies the building, environment and technology theories covered in previous modules to normal design situations. The module focuses on the understanding of how a building is affected by its design, environment, and its occupants, and vice versa: what effect that building has on the environment and people living in and around it. The relationship is a complex one, which is addressed here by using 'human comfort' as the overarching theme, and breaking that down into individual factors of heat, air, moisture, sound, and light. These factors are placed into the context of a domestic dwelling, with the many and varied conditions that can result, based on different expectations and perceptions of comfort.

DEV5DPA Development Process and Appraisal

This module examines the process of developing land and the factors that determine what can be developed. These factors are then reflected in the valuation of the development land through the key valuation methods: residual appraisal, period-by-period cash flow and discounted cash flow. The risk of the development appraisal is assessed through the use of sensitivity analysis and other methods, and the ways in which the whole process can be funded are examined.

ECO5BEC Economics for the Built Environment

This module covers the application of basic economic theory to the four dimensions of property and construction sector activity: the market dimension, the public policy dimension, the temporal dimension, and the spatial dimension. It draws on conventional micro- and macro-economics but also on aspects of managerial economics and economic geography. It encourages a recognition of the relevance of economic analysis to property-related issues and facilitates a command of the analytical skills used in property and construction economics.

LAW5PRL Property Law

This module provides an introduction to the system of land law (including sales) in England and Wales with consideration of Scottish Law differences. It gives students a grounding in the basic principles of ownership of land (freehold and leasehold) including the acquisition

and protection of third party rights. It also provides an understanding of the common law and statutory rules governing the landlord and tenant relationship and aims to develop an analytical approach to legal problem-solving.

PLN5POL Planning Practice and Policy

This module provides an introduction to the planning system starting with the role and purpose of planning and how it is organised. It will cover why policy is required and at what level it is best developed; the main policies and policy issues, within a sustainability context, relating to housing, urban regeneration, transportation, the environment, conservation, retailing and the countryside; and the main policy responses to contemporary planning issues and a critical analysis of them. It will also cover the key planning principles and policies which could be applied in different geographic locations.

QSP5CPR Contract Administration and Practice

This module develops the knowledge gained from contract and tort law to focus on the specific aspects of construction projects where it is common to find standard forms of building contracts. The purpose of the module is to develop a broader understanding of law and to apply it to common eventualities on construction and building services projects. This module will provide students with the contractual knowledge required to deal on behalf of all parties associated with construction contracts from inception to completion.

QSP5DEC Design Economics and Cost Planning

This module aims to provide students with an appreciation of construction costs and their control, from inception to completion of a project. It considers what affects the cost of a building, and how the costs of the development can be controlled, both at the pre-contract and the post contract stages. The application of the Royal Institution of Chartered Surveyors (RICS) New Rules of Measurement (NRM) is considered when undertaking pre-contract cost control activities. Building Information Management (BIM) is introduced to allow an appreciation of how this can be used to create cost plans and help control costs. The importance of lifecycle costs and the maintenance management of a building are also considered.

QSP5ETC Estimating and Tendering

This module covers the key aspects of estimating and tendering of construction projects. It sets out the principles of estimating and tendering, with particular reference to the contractor’s perspective. It is primarily focused on the costing of construction projects and factors affecting costs of labour, plant, and materials. The module also examines the use of information and communication technologies (ICT) in estimating and tendering and how this is developing in the construction industry.

QSP5MQC Measurement and Quantification of Construction Work

This module develops an understanding of the measurement and estimating during the pre-tender process. It particularly focuses on the preparation of pricing and tendering documentation using specialist software, and how this can be costed by a contractor to create the tender price. It will develop key practical skills in quantifying and costing different elements of construction work for commercial, industrial, and infrastructure projects and in using various standard methods of measurement. This module will develop key practical skills in quantifying various elements of construction work from drawings using accepted conventions and appropriate standard methods of measurement.

SMA5CSM Construction Site Management

This module aims to develop understanding of, and practice the skills associated with managing, planning, and controlling the production of building. This module is seen as the focus for the construction manager at Level 5, in developing the skills directly related to the construction process. It will allow the student to develop the management theory of earlier modules with the practical aspects of site management. The module will relate to construction site management within the global arena and is not intended to be country-specific. Students will be encouraged to identify with their own working environment.

TEC5STR Building Structures

This module covers key aspects of the theory and practice of building structures. It builds on the structural elements within the preceding construction technology modules. It enables students to analyse, interpret, apply, and communicate information regarding the structural systems of buildings in a professional manner, such as understanding design calculations for building control. It comprises the following topics: the nature and relevance of structures, the extent of parameters, structural information, and data such as design codes and ‘rules of thumb’, structural theory, structural calculations, and practical application for building control.

VAL5TFM Valuation - The Five Methods

This module examines the traditional property valuation methods: comparative, investment, residual, profits and cost-based. There is also an introduction to modern methods of valuation. The module is primarily based on calculation and analysis that aims to develop the skills required to undertake valuations of the most common property types, namely residential, offices, retail and industrial. It aims to develop a sound understanding of the methods and their application.

VAL5VCP Valuation Context and Principles

This module sets property valuation in the broad economic and financial context and examines the purpose of property valuations. It considers the stakeholders in the valuation process and regulatory, ethical and sustainability issues. It also provides an overview of the main valuation methodologies.

BCU6FSA Fire Safety

Fire safety is a core competency within the industry and one which is essential for students to become members of the accrediting professional bodies. The module draws on students’ learning in earlier construction technology and law modules and the Building Control module at level 5. Students study the nature of fire, the relevant regulations and standards, methods of protection of buildings and occupiers and means of escape, in relation to domestic and commercial buildings.

BCU6PSB Public Safety in Buildings

A core skill for building control surveyors is the ability to assess the use of a building or venue for public events to ensure the safety of those attending. This module looks at safety in buildings and venues such as sports grounds, licensed premises and concert venues. Students will examine the legislation and guidance around the safety of buildings and venues and explore the application of these in different scenarios. They will use knowledge and skills already gained in earlier modules relating to construction technology, law and building control and fire safety.

BSU6BPA Building Pathology

This module is concerned with the pathology of buildings. It will develop students' ability to effectively diagnose and evaluate a range of commonly encountered building defects through a process of inspection, testing, survey, and analysis.

BSU6BSP Building Surveying Practice

This module focuses on building surveying practice. It comprises the following topics: building surveying, professionalism ethics and conduct, maintenance theory and practice, building adaptation theory and practice. Legislation is based on England and Wales. The module will enhance the students' ability to recognise, analyse and remedy building maintenance issues and develop their ability to apply building surveying practice, maintenance, and adaptation to different situations.

BSU6PSP Professional Surveying Practice

This module focuses on professional surveying practice. It comprises the following fields of practice: international roles; regulations and codes; neighbouring and boundary matters (including party walls and rights of light), and dilapidations. The module builds on previous modules of law and building technology to give a greater level of academic and practical awareness, which will be of use to those wishing to learn more about these fields of professional practice or those developing their competence in those fields.

INV6IAP Investment Appraisal and Portfolio Management

This module aims to develop the student's ability to understand and analyse investments. It will allow them to recognise property as an investment asset within the overall spectrum of other investment categories. Principles of investment, risk, investment appraisal and portfolio management will be considered to ensure the development of practical skills that enable informed investment decisions for clients.

LAW6CON Construction Law

This module aims to provide students with an understanding of the major issues of law embraced by construction projects. It enables students to analyse professional liability and evaluate methods of extending/limiting liability, and to assess the extent of liability outside the contractual relationship. The module also aims to give students an in-depth understanding of the issues related to construction disputes and the various commonly used methods of dispute resolution.

MAN6CMC Commercial Management in Construction

This module explores a range of strategic and operational issues in commercial management of construction experienced by contracting organisations. The dynamic business environment within which contracting organisations operate means that they need to be astute when competing or bidding for work and seeking to sustain their turnover and profit margin whilst enhancing stakeholder value. This module therefore provides an opportunity for the student to develop the knowledge, understanding and skills required to operate in this competitive and commercial environment.

MAN6CPM Commercial Property Management

This module will examine the role that commercial property plays for both an investor and an occupier. It will also examine the management strategies of property owners and how the commercial property manager helps develop and implement these strategies, as well as

examining the breadth of responsibilities of the professional commercial property manager at both a strategic and a fundamental level.

MAN6MMA Maintenance Management

This module aims to develop understanding of, and practice in, the skills associated with managing, planning, and controlling the maintenance of buildings. It focuses on the skills required by the construction manager who is involved in buildings maintenance on a day-to-day basis. It will allow students to develop their understanding of the theory of both management and building technology from earlier modules and to apply these theories to practical situations.

PMA6CPM Construction Project Management

This module explores a range of strategic and operational issues in construction project management. The construction project manager (CPM) plays a key role at all stages of the construction process for diverse client organisations that operate in a dynamic environment. The fundamental need for clients to enhance value in their construction projects and, increasingly to also engage stakeholders, means that the CPM has a critical contribution to make. This module therefore provides an opportunity to develop the knowledge, understanding and skills required to operate as a CPM in the context of the property and construction industries.

QSP6QSP Professional Quantity Surveying Practice

This module explores a range of issues and challenges within the quantity surveying profession in the UK and other parts of the world. The significant changes experienced in the construction industry globally over the past decade have required quantity surveyors to adapt their traditional practices and embrace new philosophies, in order to contribute effectively to construction projects. This module therefore provides the student with an opportunity to develop the knowledge, understanding and skills required to operate in a dynamic and contemporary construction environment.

VAL6APP Applied Valuation

This module covers the application of valuation principles to more complex situations and introduces more sophisticated valuation concepts including discounted cash flow techniques and specialist valuation processes. It develops students' understanding of both theoretical and practical limitations in valuing property and its environments and how these affect value. It also considers the application of professional regulations in valuation work and issues of professional negligence and valuation accuracy.

VAL6STV Statutory Valuations

The aim of this module is to equip the student with the knowledge and skills to carry out valuations for statutory purposes, specifically for compulsory purchase, planning compensation and rating. The module also demonstrates how valuation principles and practice are applied to the statutory (artificial) context, the relevance of relevant case law to assessments and the principles that underpin both disciplines. Students' understanding and skills within these disciplines are enhanced in order to provide appropriate and reflective advice and valuations to (non-specialist) clients.

Learning, Teaching and Assessment

Learning & Teaching

Knowledge and understanding

The teaching, learning and assessment strategy for the programme is guided by the UCEM-wide Learning, Teaching and Assessment Strategy (LTAS 2020-2025). This ensures all programmes promote a logical learning journey for students. The approach adopted is student-centered learning design, that supports the educational needs of our diverse student community. Learning has been designed with flexibility in mind to support students to adopt their own learning experience best suited to their needs.

Students are taught through online learning resources available to them, including customised text material, study papers, learning activities and interactive media. These are complemented by a variety of Tutor-facilitated sessions and interactions, using a range of media for enhancement of the learning experience.

Students are encouraged to research beyond the material provided and undertake self-directed learning throughout their study.

Module delivery follows a standard format, incorporating a range of subject appropriate resources suitable for the online learner. This may include, but is not limited to, audio-visual presentations, interactive case studies and online journals.

Intellectual skills

Learning and teaching methods are applied to enable the development of cognitive skills. These skills are aligned to those used by industry professionals, but also meet the needs of working in other industries. These skills are developed through interaction with multi-media learning resources, self-directed learning and via participation in student-centered learning activities. The approach to assessment is tutor-guided and, formative feedback on these skills is given appropriate emphasis.

Students are encouraged to develop and apply their knowledge and understanding through a range of online activities and exercises. These require students to apply research and analysis to industry issues.

Subject practical skills

Students are encouraged to develop and apply their knowledge and understanding through a range of online activities and exercises. They acquire, analyse, and evaluate data and judge its relevance and validity to a range of built environment situations relevant to the selected module.

Key/Transferable skills

The Induction Module sets out the importance of transferable skills. These skills are developed through the programme, utilising study and assessment. This can be via virtual learning environment (VLE) discussion, tuition discussion, problem-solving exercises – which are conducted individually or in groups – and coursework, which provides the ideal combination to internalise these aspects though different learning methods. The Study Skills area of the VLE is a further resource for support in developing these skills. Modules require students' engagement with a range of online activities that develop research and evaluation skills and cultivate a systematic approach to problem solving. Engagement with the UCEM learning community develops communication and collaboration skills. The transferrable soft

skills will be taught via the joint programme webinars delivered to the student throughout the year. The transferable soft skills will be tested though the summative and formative module assessments.

Assessment

The assessment strategy for the programme is guided by the UCEM-wide Learning, Teaching and Assessment Strategy (LTAS 2020-2025). The aim of UCEM's assessments is to allow students an opportunity to demonstrate what they have learned using a range of formats and which encourage critical self-reflection linked to personal development. To support this, assessments are clearly related to module learning outcomes and the activities within the module support students in achieving these.

UCEM's practice is to require assessments to be vocationally and professionally relevant. Assessments are built that have direct application to industry standards, and that enable students to learn through real world scenarios and working practice. This involves the generation of tasks based on problems, scenarios or case studies from recent real-world situations that reflect and/or replicate the vocational requirements of the industry and the international nature of the subject matter. All elements of assessments are discipline-specific for each programme as well as supporting the acquisition and promotion of transferable skills, including research skills development.

Formative assessment and feedback opportunities are provided throughout the programme in a variety of formats to motivate, guide and develop students through their learning. Students are required to complete various pieces of coursework in the modules which are assessed within set time frames. Detailed feedback is provided on tutor-assessed work, which explains how the mark was derived, what was done well and what could be improved for future assessments. Objective testing is also utilised in formative (including self-assessment) and summative assessment.

All assessment contributing to award is subject to moderation policies. Moderation at UCEM is designed to reflect the quality of the student submission and the benchmark standards for the various levels of undergraduate study. Moderation of marking accords with QAA recommended best practice to ensure that marking criteria have been fairly, accurately, and consistently applied during first marking.

Assessment Diet

The types of assessments used on this programme will include coursework (such as essays, reports, portfolios, reflections, problem or short questions or video presentations), computer-based assessments, and computer marked assessments (CMAs). The exact combinations of assessment will vary from module to module. In general, there will be 2 assessments per module. The first assessment is usually either coursework or a CMA. The second assessment is usually coursework. Some modules may have up to a maximum of 4 assessments.

Study Support

Induction module

All students are expected to complete the non-credit bearing Induction Module before the programme commences.

The purpose of the Induction Module is to:

- begin to prepare the student for studying with UCEM;
- enable UCEM to identify further ways in which the Institution may be able to facilitate and support the student as they progress through their learning journey.

There are a variety of resources which will help the student to get started. These include tutorials regarding how to use the VLE, the UCEM e-Library and information regarding how to join a webinar. All of this information is key to having a successful start to supported online learning with UCEM.

There is a 'Writing in Your Own Words' e-learning resource and associated quiz. This resource aims to provide the student with relevant examples of referencing, and a clear understanding of what plagiarism is and how to avoid it. Additionally, the 'Readiness for Learning' questionnaire prompts the student to consider the practicalities surrounding their studies. This element of the Induction Module is designed to provide feedback to the Institution in order to identify further ways in which UCEM may be able to facilitate and support the student as they progress. Further information relating to study skills support is also included.

Student learning support

The programme is taught via UCEM's VLE and academic facilitation and support is provided online giving students access to UCEM Tutors and other students worldwide.

The Learning and Teaching team will guide and support students' learning. Furthermore, all students who do not engage with initial assessment or the VLE will receive additional support from the Programme Team. Other UCEM administrative teams provide support for assessments and technical issues including ICT. UCEM's 'Student Central' portal provides the main point of contact for students for these teams throughout the duration of their programme

Each student, wherever their location, will have access to a wealth of library and online materials to support their studies. International students are able to use their local context when writing their assessments

The Learning and Teaching Enhancement Team works with departments to promote student retention, achievement, and success. This work is achieved through a multi-faceted approach, which consists of:

- supporting learning on modules by responding to non-subject specific queries and assisting with synchronous learning delivery and making proactive contact with non-engaged students;
- identifying students who are at risk of interrupting their studies and/or withdrawing at specific points in the academic calendar;
- working with the Learning and Teaching staff to identify ways in which student success can be further facilitated;
- supporting both students and academic staff through timely interventions which may include creating support materials and providing academic study skills support through academic skills surgeries.

Relevant research is also carried out to inform proactive interventions, and to develop policy and practice.

Disability, neurodiversity, and wellbeing related support is provided via a dedicated Disability and Welfare team at UCEM.

English language support

For those students whose first language is not English, or those students who wish to develop their English language skills, additional support is provided through online resources on the VLE in the resource ‘Developing Academic Writing’. The resource includes topics such as sentence structure, writing essays and guidance for writing at an appropriate level aimed at developing students study skills.

Personal and professional development

Students are undertaking vocational programmes that are intrinsically linked to the accrediting professional bodies. Students are encouraged and supported to understand the need for the recognition of these bodies and guided as to how to meet the professional membership requirements.

More generally, UCEM has a dedicated careers advisor to ensure students have appropriate access to careers education, information, advice, and guidance.

Programme specific support

Each programme has a Programme Leader, as well as Module Leaders, Module Tutors, and Academic Support Tutors to support the students throughout their time with the programme.

The UCEM staff are accessible during normal UK working hours, during which they also monitor the 24/7 forums asynchronously and provide encouragement, assistance and necessary tutor and student feedback services.

Access to the UCEM e-Library is on a 24/7 basis and UCEM has a full-time e-Librarian during normal UK working hours.