UNIVERSITY COLLEGE
OF ESTATE MANAGEMENT

Foundation Degree Science (FdSc) in Construction Practice

Programme Specification 2020-2021

Version: 9.00

Status: Final

Date: 04/06/2020

Summary Programme Details

Final Award

Award: Foundation Degree Science (FdSc) in Construction Practice

Title of (final) Programme: Construction Practice

Credit points: 260

Level of award (QAA FHEQ): 5

Intermediate award(s)

Intermediate award 2: Diploma of Higher Education (Dip HE) in Construction Practice

Credit points: 240

Level of award (QAA FHEQ): 5

Intermediate award 1: Certificate of Higher Education (Cert HE) in Construction Practice

Credit points: 120

Level of award (QAA FHEQ): 4

Validation

Validating institution: University College of Estate Management (UCEM)

Date of last validation: June 2015

Date of next periodic review: N/A – Programme closing

Date of commencement of first delivery: October 2015

Duration: 2 years (standard route) or 3 years (reduced velocity)

Maximum period of registration: In accordance with the Academic and Programme Regulations (opens new window).

UCAS Code/ HECoS Code: N/A/ 100216

Programming Code: UFDC

Other coding as required: UFDCCP(S)(F)

Professional accreditation / recognition

Accrediting/recognising body: **Royal Institution of Chartered Surveyors (RICS)**

Details of the accreditation/recognition: The UCEM Foundation Degree in Construction Practice qualifies holders to 2 years off the experience requirement for AssocRICS for the Project Management pathway, and for the Quantity Surveying and Construction pathway

Date of last programme accreditation/recognition: N/A

Date of next periodic review: N/A

Accrediting/recognising body: **Chartered Association of Building Engineers (CABE)**

Details of the accreditation/recognition: Foundation Degree Science and Diploma of Higher Education accredited

Date of last programme accreditation/recognition: August 2015

Date of next periodic review: August 2020

QAA benchmark statement

Quality Assurance Agency (QAA), 2010, Foundation Degree Qualification Benchmark

Programme Overview

Rationale

The Foundation Degree (Fd Sc) is a fully supported online learning experience that is designed to appeal to a very broad spectrum of students.

The programme:

- provides a higher education entry point for students who have insufficient qualifications, or motivation, to enrol onto an Honours Degree programme;
- develops appropriate and relevant knowledge, skills and techniques through a combination of academic study and work-based learning. This aims to foster reflective practice of experience gained and (where appropriate) competence developed through problem-solving activity;
- meets the needs of students and their employers in the construction management sectors. It also caters for students not employed in this sector or unemployed;
- provides a progression opportunity to UCEM's BSc, and programmes at other higher education institutions, in order to acquire Level 6 construction /project management related qualifications.

Entry Requirements

Entrants to this programme normally are required to have:

- GCSE Grade C or above in English and Mathematics (Grade 4 for applicants holding newly reformed GCSEs in England).

Or,

- A Level 2 qualification in English and Mathematics as defined by the Regulated Qualifications Framework in England (RQF). For example, the following qualifications can be considered for entry: Key Skills level 2, NVQ level 2, Skills for Life level 2, BTEC award, certificate or diploma level 2, Functional skills level 2, Cambridge National level 2, Cambridge Technical level 2. The academic level of International qualifications will be assessed using UK NARIC. For more information on equivalent qualifications please contact: admissions@ucem.ac.uk.

Applicants are normally expected to be 18 years old or over. Applicants under the age of 18 will be considered on a case by case basis by the Programme Leader.

The academic level of international qualifications that are not listed on the UCAS tariff will be assessed using UK NARIC.

If an applicant does not meet the standard entry requirements, and is over 21 years of age, 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).

Applicants are able to choose study either 1 to 3 modules per semester depending on their outside time commitments. The initial standard offer is for 3 modules a semester however students can choose to progress at a slower pace. Clear guidance is given on UCEM website as to the time commitment a standard module may require.

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. Therefore, applicants must possess one of the following:

- GCSE Grade C (or 4) 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 5.0 in the reading, writing, and listening 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.

For English language requirements please go to: How to meet the language requirements (opens new window).

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

UCEM policy and procedures for Recognition of Prior Experiential Learning (RPEL) and Recognition of Prior Certificated Learning (RPCL) are set out in the UCEM Code of Practice: Admissions and Recognition of Prior Learning.

Programme Progression

At the end of Stage/ Level 1, the student may revisit their chosen pathway.

Assessments are conducted and awards are conferred in accordance with the Academic and Programme Regulations (opens new window).

Details of exit awards are located in the Academic and Programme Regulations (opens new window).

Students will be allowed to progress at an advanced level on to the UCEM BSc programmes. The level of entry into the BSc will be dependent on student's prior performance, diet of modules passed, and specialist BSc selected. Consideration here will be on given on the prior award level (Pass, Merits or Distinction) and the mapping of prior learning outcomes.

Award Regulations

- On successful completion of Stage/ Level 1 of the Foundation programme, a Certificate of Higher Education shall be awarded to those who exit the programme.
- On successful completion of Stage/ Level 2 of the Foundation programme, a Diploma of Higher Education shall be awarded to those who exit the programme.
- On successful completion of Stage/ Level 2 and 3 a Foundation Degree will, on the basis of a student's performance at these levels, be awarded to those who complete the programme.

Awards are conferred in accordance with the Academic and Programme Regulations (opens new window).

Career Prospects

Foundation Degrees, as well as Diplomas and Certificates, are a springboard for further study and / or entry into the professional workforce. This programme equips students with the essential subject knowledge and study skills to enable them to enter and work within the construction and project management areas of practice within the property industry. The opportunities available are fairly extensive and include but are not limited to the following career paths:

- Property agency and management,
- Property development,
- Contract management,
- Quantity surveying,
- Estimating,
- Construction management,
- Project management.

Programme Aims

Programme aims

The UCEM Foundation Degree (Fd Sc) is designed to provide access to higher education study for a wide range of applicants. These may include those who wish to enter the construction management profession but lack the appropriate academic qualifications, those who already work in the industry seeking career progression and recognition and those who are self-employed and require more formal and/or professional qualifications.

The programme provides flexibility and breadth of study opportunities for students whilst aligning this programme with UCEM's wider academic offer. It aims to:

- develop students' ability to engage with the professional environment in order to analyse, synthesise and report on business issues within the context of the construction sectors;

- provide both current and aspiring built environment, construction management and project management professionals with an opportunity to develop appropriate skills and competencies in an area of construction and project management that allows them to further enhance their careers, including achievement of membership of relevant professional bodies;
- provide an educational programme that is sufficiently flexible to give access to appropriately motivated students to allow them entry onto an Honours degree programme.

The Foundation Degree enables advanced placement should students ultimately wish to enrol onto a Bachelor's degree programme.

Market and internationalisation

This programme is aimed at a UK and broad international audience; however, it has as its basis UK law and regulatory controls. The programme aims to utilise international case studies to further understanding and where possible, international construction and surveying is considered along with international codes and conventions.

Learning Outcomes

Having successfully completed the programme, the student will have met the following learning outcomes.

The below tables indicate which modules assume responsibility for delivering (X) and assessing (A) particular programme learning outcomes.

Level 5

A – Knowledge and understanding

Learning Outcomes	Relevant modules
A5.1 Comprehension of the fundamental principles of construction practice and the way in which the principles have developed.	MAN4COM (X) DEV4SUS (XA) TEC4BSC (XA) CON4COP (XA) LAW5PLS (XA) MAN5PSR (XA) ECO5ESU (XA) PRJ5PLW (A) TEC4BFS (XA) MAN5PCM (XA) PRJ5PLP (A)
A5.2 Understanding of the technology required for constructing a range of buildings and their associated services.	DEV4SUS (XA) TEC4BSC (XA) CON4COP (XA) MAN5PSR (X) PRJ5PLW (XA) TEC4BFS (XA)

Learning Outcomes		Relevant modules
A5.3	Awareness of the legal and regulatory background to working in the industry.	MAN4POM (X) MAN4RMT (X) TEC4BSC (XA) CON4COP (XA) LAW5PLS (XA) MAN5PSR (XA) PRJ5PLW (A) MAN5PCM (XA)
A5.4	Understanding of appropriate organisational and financial management processes.	MAN4COM (XA) MAN4POM (XA) MAN4RMT (XA) MAN5PSR (XA) PRJ5PLW (A) PRJ5PLP (A)

B – Intellectual skills

Learning Outcomes		Relevant modules
B5.1	Synthesise their learning throughout the range of subject areas covered.	MAN4COM (XA) MAN4POM (XA) MAN4RMT (XA) DEV4SUS (XA) TEC4BSC (XA) CON4COP (XA) LAW5PLS (XA) MAN5PSR (XA) ECO5ESU (XA) PRJ5PLW (XA) TEC4BFS (XA) PRJ5PLP (X)
B5.2	Apply underlying concepts and principles outside the context in which they have been studied, including the application of those principles in an employment context.	MAN4COM (XA) MAN4POM (XA) MAN4RMT (XA) DEV4SUS (XA) MAN5PSR (XA) ECO5ESU (XA) PRJ5PLW (A) MAN5PCM (XA) PRJ5PLP (A)

Learning Outcomes		Relevant modules
B5.3	Transfer appropriate knowledge and skills from one topic within a subject to another topic.	MAN4POM (X) MAN4RMT (X) DEV4SUS (X) TEC4BSC (X) CON4COP (X) LAW5PLS (XA) MAN5PSR (X) PRJ5PLW (A) TEC4BFS (X) PRJ5PLP (A)

C – Subject practical skills

Learning Outcomes		Relevant modules
C5.1	Collect, record, present and manipulate data logically.	MAN4COM (XA) MAN4POM (XA) MAN4RMT (XA) DEV4SUS (XA) TEC4BSC (X) LAW5PLS (X) MAN5PSR (A) ECO5ESU (XA) PRJ5PLW (A) PRJ5PLP (A)
C5.2	Use the main methods of enquiry to evaluate the appropriateness of different approaches to solving a range of tasks arising in professional practice.	MAN4COM (XA) MAN4POM (XA) MAN4RMT (XA) DEV4SUS (XA) TEC4BSC (A) LAW5PLS (XA) ECO5ESU (XA) PRJ5PLW (A) MAN5PCM (XA)
C5.3	Recognise the limits of their knowledge and how this influences analysis and interpretations based on that knowledge.	MAN4COM (XA) MAN4POM (X) MAN4RMT (X) DEV4SUS (XA) TEC4BSC (X) CON4COP (XA) LAW5PLS (XA) MAN5PSR (XA) ECO5ESU (X) PRJ5PLW (A) TEC4BFS (X)

D - Key / Transferable skills

Learning Outcomes	Relevant modules
D4.1 Communicate and collaborate effectively using a range of media.	MAN4COM (XA) MAN4POM (X) MAN4RMT (X) DEV4SUS (XA) TEC4BSC (X) CON4COP (X) LAW5PLS (XA) MAN5PSR (X) PRJ5PLW (XA) TEC4BFS (X) MAN5CPM (X)
D4.2 Work under their own initiative and manage their time efficiently.	MAN4COM (XA) MAN4POM (XA) MAN4RMT (XA) DEV4SUS (XA) TEC4BSC (XA) CON4COP (XA) LAW5PLS (XA) MAN5PSR (XA) ECO5ESU (A) PRJ5PLW (XA) TEC4BFS (A) PRJ5PLP (A)
D4.3 Solve problems and make decisions through reflective thinking and critical analysis.	PRJ5PLW PRJ5PLP

Programme Structure

Module List

Code	Module	Level	Credits	Core/ Elective	Semester
MAN4COM	Technical and Professional Communication✓	4	20	Core	Autumn
MAN4POM	People and Organisational Management	4	20	Core	Autumn
MAN4RMT	Resources Management	4	20	Core	Autumn
DEV4SUS	Introduction to Sustainable Development	4	20	Core	Both
TEC4BSC	Building, Environment, Technology and Simple Construction	4	20	Core	N/A

Code	Module	Level	Credits	Core/ Elective	Semester
CON4COP	Introduction to Construction Practice	4	20	Core	Spring
TEC4BFS	Building, Environment, Technology and Framed Structures	4	20	Core	N/A
LAW5PLS	Practical Law for Construction and the Built Environment	5	20	Core	Autumn
MAN5PSR	Professional and Statutory Regulation	5	20	Core	Autumn
ECO5ESU	Economics for Construction and the Built Environment	5	20	Core	Autumn
MAN5PCM	Project Management in Construction	5	20	Core	N/A
PRJ5PLW	Portfolio of Learning from the Workplace	5	20	Core	Both
PRJ5PLP	Professional Learning Portfolio	5	20	Core	Both

Notes

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

✓This module (MAN4COM) must be studied in the student's first semester unless they have an exemption.

See Appendix A for information about appropriate equivalent modules that can be substituted for those above, from autumn 2020, due to the run out of this programme.

Delivery Structure – 2-year route

These delivery structures are an indication of how the programme may be delivered. Due to the flexible nature of the programme and students' requirements they are not an exact rule.

Please note that due to the run out of this programme you may not follow the structure outlined below from autumn 2020. See Appendix A for information about appropriate equivalent modules that can be substituted for those above from autumn 2020. You will be provided a personal programme outline detailing the modules you must take from autumn 2020.

Stage/ Level 1

Year 1, Semester 1

Module Code	Module Name	Level
MAN4COM	Technical & Professional Communication	4
MAN4POM	People and Organisational Management	4
MAN4RMT	Resources Management	4

Year 1, Semester 2

Module Code	Module Name	Level
DEV4SUS	Introduction to Sustainable Development	4
TEC4BSC	Building, Environment, Technology and Simple Construction	4
CON4COP	Introduction to Construction Practice	4

Stage/ Level 2

Year 2, Semester 1

Module Code	Module Name	Level
LAW5PLS	Practical Law for Construction and the Built Environment	5
MAN5PSR	Professional and Statutory Regulation	5
ECO5ESU	Economics for Construction and the Built Environment	5

Year 2, Semester 2

Module Code	Module Name	Level
PRJ5PLW	Portfolio of Learning from the Workplace	5
MAN5PCM	Project Management in Construction	5
TEC4BFS	Building, Environment, Technology and Framed Structures	4

Stage/ Level 3

Year 3, Semester 1

Module Code	Module Name	Level
PRJ5PLP	Professional Learning Portfolio	5

Delivery Structure – 3-year route

Reduced velocity delivery. These delivery structures are an indication of how the programme may be delivered. Due to the flexible nature of the programme and students' requirements they are not an exact rule.

Please note that due to the run out of this programme you may not follow the structure outlined below from autumn 2020. See Appendix A for information about appropriate equivalent modules that can be substituted for those above from autumn 2020. You will be provided a personal programme outline detailing the modules you must take from autumn 2020.

Stage/ Level 1

Year 1, Semester 1

Module Code	Module Name	Level
MAN4COM	Technical & Professional Communication	4
DEV4SUS	Introduction to Sustainable Development	4

Year 1, Semester 2

Module Code	Module Name	Level
MAN4POM	People and Organisational Management	4
MAN4RMT	Resources Management	4

Year 2, Semester 1

Module Code	Module Name	Level
TEC4BSC	Building, Environment, Technology and Simple Construction	4
CON4COP	Introduction to Construction Practice	4

Stage/ Level 2

Year 2, Semester 2

Module Code	Module Name	Level
MAN5PSR	Professional and Statutory Regulation	5
ECO5ESU	Economics for Construction and the Built Environment	5

Year 3, Semester 1

Module Code	Module Name	Level
MAN5PCM	Project Management in Construction	5
TEC4BFS	Building, Environment, Technology and Framed Structures	4

Year 3, Semester 2

Module Code	Module Name	Level
LAW5PLS	Practical Law for Construction and the Built Environment	5
PRJ5PLW	Portfolio of Learning from the Workplace	5

Stage/ Level 3

Year 4, Semester 1

Module Code	Module Name	Level
PRJ5PLP	Professional Learning Portfolio	5

Distinctive features of the programme structure

- Access route to further HE study.
- Enhanced entry points on to UCEM BSc programme from the Degree.
- Choice of study pathways to suit career aspirations.
- Ability to transfer between study pathways at the end of each level.
- Interactive Induction Module.
- Flexible start date – two intakes per academic year (October or April).
- Introductory networking event.

Module Summaries

Core Modules

MAN4COM Technical and Professional Communication

This module consolidates students' existing knowledge and communication skills and enhances such skills as a sound basis for the study of the other modules included in the programme.

MAN4POM People and Organisational Management

This module explores the question of "what is management?" and seeks to distinguish it from leadership. It explains the role and function of management within organisations in the construction and the built environment. It also considers the role of change as a central theme as organisations seek to come to terms with issues that are constantly impacting, both positively and negatively, on the people, management and the structures of organisations.

MAN4RMT Resources Management

This module explains how managers within organisations in the construction and built environment sectors achieve organisational aims by using financial and other resources. People management does feature in this module but the spotlight is on how managers may use non-human resources in the pursuit of corporate goals. The module covers the role of change throughout the organisation as a central theme, especially in the sense of changing techniques and organisational objectives. Internal financial control and external financial reporting are distinguished from each other and the essentials of capital investment appraisal and financial decision making are explored.

DEV4SUS Introduction to Sustainable Development

This module investigates the impacts for sustainable development in a range of contexts, in particular focusing on implications for the built environment and professionals working in it.

TEC4BSC Building Environment, Technology and Simple Construction

This module provides an introduction to building, environment and technology based on simple construction. It comprises; communicating, simple building parameters in building and elements/components in simple buildings. Simple building examples are included, such as traditional masonry construction and roof construction typical to buildings up to 3 storeys. Consideration is made on perspectives, such as sustainability.

CON4COP Introduction to Construction Practice

The module considers the role of Quantity Surveyor and Construction Manager in the design, construction and management of building projects.

TEC4BFS Building, Environment, Technology and Framed Structures

This module provides an introduction to building, environment and technology based on framed or similar construction. It relates to; communicating, theory; principles; components; design; construction techniques; construction; simple services; pathology/surveys; maintenance, sustainability; legislation and fire.

Framed building examples are included, such as steel, reinforced concrete and timber construction applicable to buildings with different occupancies such as commercial, industrial and residential. Consideration is made on perspectives, such as sustainability.

LAW5PLS Practical Law for Construction and the Built Environment

This module enables the student to develop an understanding of aspects of the English legal system pertinent to the real estate and construction sectors.

MAN5PSR Professional and Statutory Regulation

This module introduces critical aspects relating to professional and ethical conduct and aims to develop students' professional skills in preparation for membership of professional bodies.

ECO5ESU Economics for Construction and the Built Environment

This module uses the tools and techniques of economics and applies them to construction and the built environment. In particular, the module introduces students to micro- and macro-economic concepts that are important for an understanding of property and the property market and decision making within the construction and built environment professions. Micro-economic studies focus on a study of markets and market behaviour, whilst macro-economic studies focus on developing an understanding of national and international economics.

MAN5PCM Project Management in Construction

This module provides an opportunity to develop the knowledge, understanding and skills required to operate as a construction project manager (CPM) in the context of the property and construction industries. This module builds upon various subjects studied in Level 1 and allows the exploration of a range issues in relation to the construction industry. The CPM plays a key role at all levels of the construction process for a diverse range of stakeholders. Therefore, students have a paramount need of the holistic combination of knowledge, understanding, skills, techniques required a by a CPM.

PRJ5PLW Portfolio of Learning from the Workplace

This module requires students to demonstrate the relationship between relevant knowledge, skills and techniques acquired through the programme and the study of professional practice as derived from a workplace, and to communicate details of the experience gained and (where appropriate) competence developed through the preparation of a portfolio.

PRJ5PLP Professional Learning Portfolio

This module gives employed students and those students gaining work experience through shadowing the opportunity to learn and apply the skills and knowledge they have ac quired through the other Foundation Programme modules, to the work environment. For those students not in employment, this module enables them to apply underlying concepts and principles derived from a workplace context and reflect upon the means and outcomes of this application.

Learning, Teaching and Assessment

Learning & Teaching Strategy

Module delivery follows a standard format incorporating a range of subject-appropriate resources suitable for the online supported learner.

This may include, but is not limited to, audio visual presentations, webinars, interactive case studies and online journals and subject relevant field trips. Modules are supported by on-line access to subject specialist tutors, core texts and access to the UCEM e-library.

This is provided by UCEM's Virtual Learning Environment (VLE).

Students are encouraged to develop and apply their knowledge and understanding through a range of online activities and exercises to investigate and research given information.

These require students to apply their awareness and comprehension to simple industry related scenarios and issues.

Students are encouraged to share knowledge and ideas in relation to the construction industry and their studies. Teaching of module topics requires students' engagement with a range of online activities that develop communication and collaboration skills. The timing of these activities within the study period requires the development of effective time management skills.

Assessment Strategy

Formative assessment

The purpose of formative assessment is to provide regular and constructive feedback to students to motivate and guide them through their learning. Formative assessment opportunities and feedback are provided on each module. These vary in format and may include self-assessment quizzes and tutor guided discussion. All are designed to motivate and support the student. Formative assessment of the work-based learning element will be through regular reviews of, and feedback on, students' progress.

Students are encouraged to engage in group discussions and collaborative learning with their peers and tutors.

Where appropriate, both the workplace facilitator and the student receive review comments to help refine the students' work.

Communication, collaboration and time management skills are tested through the range and requirements of summative assessment throughout the Foundation Degree.

Summative assessment

Stage/ Level 1

Summative assessment methods and formats vary across the modules and include computer aided assessment, coursework, examination and portfolio work. All are appropriate to the individual module, its academic level and stated learning outcomes.

Cognitive skills are summatively assessed through a range of coursework tasks and examinations.

Practical and professional skills are summatively assessed through a range of coursework tasks and examinations.

Stage/ Level 2

Summative assessment methods and formats vary across the modules and include coursework and examinations. All are appropriate to the individual module, its academic level and stated learning outcomes.

Achievement of learning outcomes B1 to B3 and C1 to C3, through work-based learning, are summatively assessed at the end of Level 2, through the compilation of a portfolio of experience and reflection thereon.

Level 3

Achievement of learning outcomes B1 to B3 and C1 to C3, through work-based learning, are summatively assessed at the end of Level 3, through the compilation of a work-based project report.

Assessment Diet

The assessment for the UCEM Foundation Degree Construction programme consist of a variety of assessment modes:

a. assessed coursework's (in essay, report, problem or short question format),
b. computer marked assessments,
c. written examination papers,
d. work-based learning portfolios and other e-mediated submissions.

The exact combination of assessment varies by modules. Each module has at least one piece of coursework. This is then supplemented by 1 to 2 CMAs, by a second piece of coursework, or by an examination. For PRJ5PLP there are two pieces of coursework and a reflection piece. In the case of PRJ5PLW there is only one piece of assessment: a reflective portfolio.

PSRB Benchmark Mapping

The Foundation Degree offers modules that map to RICS competencies in Project Management and Quantity Surveying and Construction.

Study Support

Induction module

All students are expected to complete the non-credit bearing Induction Module before the programme commences. The Induction Module is designed to equip students with the skills they need to study at UCEM.

The induction topic about referencing prepares students for the online test in referencing and citation that must be completed and passed prior to commencement of their studies.

The resources within the Induction Module are available to students throughout the duration of their study with UCEM.

Student learning support

The programme is delivered via UCEM's Virtual Learning Environment (VLE) and academic teaching and support is provided online giving student's access to UCEM resources, tutors and other students worldwide.

UCEM's Student Central function will act as the main point of contact for students throughout the duration of their programme. In addition, the programme has a dedicated programme administrator.

The academic 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 coursework, examinations and technical issues including ICT. Each student, wherever their location, will have access to a wealth of library and online materials to support their studies. International students will be supported through international case studies and guest speakers from the region will be invited to UCEM's webinar delivery.

Additional needs support is provided via a dedicated Disability and Wellbeing team advisor at UCEM.

English language support

English is the common language for all programmes. It is appreciated that some students will need additional support. Therefore, the VLE provides additional resources on developing academic writing skills to help students whose first language is not English.

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, Module Leaders and Module 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 Digital Resources Manager available librarian during normal UK working hours.

Appendix A

This appendix outlines appropriate equivalent modules that can be substituted for those identified in the main body of the programme specification, from autumn 2020, due to the run out of this programme.

- CON4TE1 Construction Technology 1 can be taken in the place of TEC4BSC Building, Environment, Technology and Simple Construction
- CON4TE2 Construction Technology 2 can be taken in the place of TEC4BFS Building, Environment, Technology and Framed Structures
- ECO5BEC Economics for the Built Environment can be taken in the place of ECO5ESU Economics for Construction and the Built Environment
- SMA5CSM Construction Site Management can be taken in the place of MAN5PCM Project Management in Construction

Module Summary

CON4TE1 Construction Technology 1

Available in spring semester

This module provides an introduction to building, environment and technology based on simple construction, establishing a foundation of knowledge and understanding to be developed in later modules. It develops students' communication skills, enabling them to describe simple construction in a professional manner. Simple building examples are included, such as traditional masonry construction and roof construction typical in buildings of up to three storeys. Perspectives such as sustainability are considered.

CON4TE2 Construction Technology 2

Available in spring semester

This module provides an introduction to the building and environmental technology of framed construction. Topics covered include: the principles of framed structures; design and its communication; material and component selection; construction techniques; simple environmental services, as well as more complex related issues of sustainability; and legislation and fire safety. Key generic skills such as producing and understanding simple drawn information and professional report writing are introduced. Examples of framed buildings are included, such as steel, reinforced concrete and timber construction applicable to buildings with different types of usage such as commercial, industrial and residential. Perspectives such as sustainability are also considered.

ECO5BEC Economics for the Built Environment

Available in spring semester

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.

SMA5CSM Construction Site Management

Available in autumn semester

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.