

PROGRAMME SPECIFICATION

Foundation Degree Science in Construction Management in Housebuilding

Awarding institution	Liverpool John Moores University
Teaching institution	Coleg Cambria
JACS Code	K200
Programme Duration	Full-Time: 2 Years
Language of Programme	All LJMU programmes are delivered and assessed in English
Subject benchmark statement	October 2019 Land, Construction, Real Estate and Surveying
Programme accredited by	
Description of accreditation	
Validated target and alternative exit awards	Foundation Degree Science in Construction Management in Housebuilding Certificate of Higher Education in Construction Management in Housebuilding
Link Tutor	Spencer Kelly

Educational aims of the programme

To provide students with a national and local understanding and appreciation of the professional discipline of Construction Management with particular reference to the Housebuilding sector.

To provide fundamental knowledge in key themes that underpin the discipline including: construction technology for domestic dwellings; site surveying; sustainability; and statutory regulations including health and safety, and planning and building control.

To provide a well-balanced education which allows the student to achieve their academic potential at Foundation degree level and in doing so to provide a basis for progression to Honours degree.

To enable the student to develop their intellectual, analytical and reflective thinking within an evidence and research based framework associated with the role of a construction professional in the housebuilding sector.

To produce a basis for linking general practical experience in the housebuilding sector with academic studies to encourage an awareness of the professional, business and commercial environment.

To develop skills to ensure that the graduate will operate within a sound Health and Safety framework as provided by the regulatory framework of the industry.

To develop awareness of aspects of sustainability in the built environment and housebuilding sector to ensure that graduates operate responsibly within their chosen discipline, and make positive choices in this context.

To encourage students to develop self-awareness in personal development, employability skills and career planning and an awareness of the need to plan, develop and record lifelong learning.

Target award Learning Outcomes - Foundation Degree Science

A student successfully completing the programme of study will have acquired the following subject knowledge and understanding as well as skills and other attributes.

A student who is eligible for this award will be able to:

1. Demonstrate an understanding of the key concepts and principles associated with construction management in the housebuilding sector.
2. Describe the context in which the process of construction operates, including the business and social context for construction.
3. Identify the appropriate stakeholders involved in the construction process and their relevant roles and responsibilities.
4. Understand how to responsibly manage construction sites with regard to health and safety.

5. Demonstrate an ability to understand and solve routine mathematical problems relevant to construction and surveying
6. Use and apply appropriate software for construction management including CAD for the production of digital construction drawings.
7. Recognise the regulatory systems within which construction operates, including building regulations and planning controls.
8. Recognise the importance of professional ethics and their impact on the operation of the profession.
9. Understand the practical application of surveying instruments, and the evaluation of measurements, appropriate for housebuilding construction.
10. Demonstrate awareness of the need for professional development by reflecting on performance and identifying a professional development plan.
11. Understand the research process from an academic perspective as preparation for undertaking a significant individual research project.

Alternative target awards

A student who is eligible for the following awards will be able to:

Certificate of Higher Education in Construction Management in Housebuilding -

Demonstrate an understanding of the key concepts and principles associated with construction management in the housebuilding sector.

Describe the context in which the process of construction operates, including the business and social context for construction.

Identify the appropriate stakeholders involved in the construction process and their relevant roles and responsibilities.

Understand how to responsibly manage construction sites with regard to health and safety.

Demonstrate an ability to understand and solve routine mathematical problems relevant to construction and surveying.

Use and apply appropriate software for construction management including CAD for the production of digital construction drawings.

Teaching, Learning and Assessment

The methods used to enable outcomes to be achieved and demonstrated are as follows:

Lectures, tutorials, problem-solving sessions, workshops, computer sessions, fieldwork.

Assessment

Reports, Essays, Portfolios, Posters, Reflective Blogs, Open book examinations. Closed book examinations, Individual oral presentations, Group oral presentations, practical work, design tasks, computer-based exercises.

Programme structure - programme rules and modules

The core modules in this specification only apply to students starting the programme from September 2020 onwards.

Level 5	Potential Awards on completion	Foundation Degree Science
Core	Option	Award Requirements
5610BECC CONSTRUCTION MANAGEMENT 2 (20 credits) 5611BECC QUANTITY SURVEYING AND PROCUREMENT (20 credits) 5612BECC CONSTRUCTION TECHNOLOGY 2 (20 credits) 5613BECC PLANNING AND BUILDING REGULATIONS (20 credits)		120 core credits at level 5 0 option credits at level 5

5614BECC SURVEYING AND SETTING OUT (20 credits) 5615BECC PROFESSIONAL DEVELOPMENT (10 credits) 5616BECC Research Methods (10 credits)		
Level 4	Potential Awards on completion	
Core	Option	Award Requirements
4610BECC ACADEMIC DEVELOPMENT (20 credits) 4611BECC CONSTRUCTION MANAGEMENT 1 (20 credits) 4612BECC MATHEMATICS FOR CONSTRUCTION (20 credits) 4613BECC CONSTRUCTION TECHNOLOGY 1 (20 credits) 4614BECC CAD & CONSTRUCTION INFORMATION (20 credits) 4615BECC MANAGING HEALTH AND SAFETY (20 credits)		120 core credits at level 4 0 option credits at level 4

Information about assessment regulations

All programmes leading to LJMU awards operate within the University's Academic Framework.
<https://www.ljmu.ac.uk/about-us/public-information/academic-quality-and-regulations/academic-framework>

Assessment through the medium of Welsh.

All learners at Coleg Cambria have the right to be assessed through the medium of Welsh.

Students who wish to be assessed through the medium of Welsh should inform their module tutor at the earliest possible opportunity, normally at the start of the module and then should complete a formal application within three weeks of the module's commencement, this formal process will allow translation arrangements to be made.

At submission, any work presented in Welsh will be translated into English for assessment purposes. Assessed work to be translated must be submitted through the normal formal process common to the submission of assessment materials. Our translators have been instructed to translate without changing the meaning of the work that is being presented or improving the clarity of expression.

Once translated it is a student's right to inspect the translated work for accuracy. As part of the submission process students will be asked to confirm that the translation appropriately reflects their original work as submitted, however at this stage, students are not allowed to make any substantial changes to their work other than to correct any inaccuracies in translation.

The internal examiner will then mark the translated work and be able to confer with the translator where the presentation and/or meaning may appear unclear due to the nature of the translation. The marked translation and Welsh original will then be made available for external verification, during which further checks may be conducted regarding the accuracy of translation.

Opportunities for work-related learning (location and nature of activities)

Students on this programme are already employed in the construction and housebuilding sector. The programme therefore benefits from active links with industry and involves employers in projects, site visits and case studies across each level of the Foundation degree.

Criteria for admission

A/AS Level

112 UCAS points: minimum two A2 levels

BTEC National Diploma

BTEC Level 3 qualification in Construction and the Built Environment (overall pass)

Irish Leaving Certificate

112 UCAS points

Scottish Higher
112 UCAS points

International Baccalaureate
112 UCAS points

Access

Applicants with an Access to Higher Education Certificate received from an approved further education institution may be considered.

Higher national diploma

HNC/HND (Non-cognate) Level 4 Entry: Pass

HNC/HND (Cognate) Level 5 Entry: Pass

Mature entry

Mature students without the standard entry qualifications but with relevant work experience in the built environment / housebuilding sector and other qualifications may be made an offer subject to interview and / or satisfactory references.

External Quality Benchmarks

All programmes leading to LJMU awards have been designed and approved in accordance with the UK Quality Code for Higher Education, including the Framework for Higher Education Qualifications in the UK (FHEQ) and subject benchmark statements where applicable.

The University is subject to periodic review of its quality and standards by the Quality Assurance Agency (QAA). Published review reports are available on the QAA website at www.qaa.ac.uk

Programmes which are professionally accredited are reviewed by professional, statutory and regulatory bodies (PSRBs) and such programmes must meet the competencies/standards of those PSRBs.

Support for students and their learning

The University aims to provide students with access to appropriate and timely information, support and guidance to ensure that they are able to benefit fully from their time at LJMU. All students are assigned a Personal Tutor to provide academic support and when necessary signpost students to the appropriate University support services.

Students are able to access a range of professional services including:

- Advice on practical aspects of study and how to use these opportunities to support and enhance their personal and academic development. This includes support for placements and careers guidance.
- Student Advice and Wellbeing Services provide students with advice, support and information, particularly in the areas of: student funding and financial matters, disability, advice and support to international students, study support, accommodation, health, wellbeing and counselling.
- Students studying for an LJMU award at a partner organisation will have access to local support services

Methods for evaluating and improving the quality and standards of teaching and learning

Student Feedback and Evaluation

The University uses the results of student feedback from internal and external student surveys (such as module evaluations, the NSS and PTES), module evaluation questionnaires and meetings with student representatives to improve the quality of programmes.

Staff development

The quality of teaching is assured through staff review and staff development in learning, teaching and assessment.

Internal Review

All programmes are reviewed annually and periodically, informed by a range of data and feedback, to ensure quality and standards of programmes and to make improvements to programmes.

External Examining

External examiners are appointed to programmes to assess whether:

- the University is maintaining the threshold academic standards set for awards in accordance with the FHEQ and applicable subject benchmark statements
- the assessment process measures student achievement rigorously and fairly against the intended outcomes of the programme(s) and is conducted in line with University policies and regulations
- the academic standards are comparable with those in other UK higher education institutions of which external examiners have experience
- the achievement of students are comparable with those in other UK higher education institutions of which the external examiners have experience

and to provide informative comment and recommendations on:

- good practice and innovation relating to learning, teaching and assessment observed by external examiners
- opportunities to enhance the quality of the learning opportunities provided to students

Please note:

This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content, teaching, learning and assessment methods of each module can be found in module and programme guides.