

Programme Specification

BSc Construction Management

For students entering Part 1 in September 2020

UCAS Code: K220

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This document sets out key information about your Programme and forms part of your Terms and Conditions with the University of Reading.

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| Awarding Institution | University of Reading |
| Teaching Institution | University of Reading |
| Length of Programme | 3 years |
| Length of Programme with placement/year abroad | BSc Construction Management with Year in Industry - 4 years (internal transfer only) |
| Accreditation | Chartered Institute of Building; Royal Institution of Chartered Surveyors |

Programme information and content

The programme aims to provide you with the potential to develop a career as a senior manager of development projects, project managers or construction operation managers.

The programme incorporates learning outcomes which will provide students a broad education in the academic disciplines related to building design and construction, the management of property, built facility procurement and construction operations. In addition, it will provide a knowledge and understanding of the latest basic techniques and skills related to construction management and project management. The programme will give to students a potential for the acquisition in practice of an ability to manage development projects, and plan, programme and manage construction operations.

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|---------|---|
| Part 1: | Introduces you to the fundamental principles of economics, law and management and the scientific and technical principles of building design and construction. |
| Part 2: | Provides you with the opportunity to build on the key concepts with greater emphasis on the economics, law and management and their application to the construction and property industries. |
| Part 3: | Gives you the opportunity to undertake study in a chosen area of specialism including selecting elective modules which are related to the particular expertise and research activities of the School. |

Module information

Each part comprises 120 credits, allocated across a range of compulsory and optional modules as shown below. Compulsory modules are listed.

Part 1 Modules:

| Module | Name | Credits | Level |
|--------|----------------------|---------|-------|
| CE1CCS | Construction Science | 20 | 4 |

| | | | |
|---------|--|----|---|
| CE1CCT | Construction Technology | 20 | 4 |
| CE1CES | Empirical Studies | 10 | 4 |
| CE1CIC2 | Information and Communication | 20 | 4 |
| CE1CMP | Principles of Management | 10 | 4 |
| CE1CPR | Projects | 10 | 4 |
| CE1CSE | Construction Site Engineering | 10 | 4 |
| EC103 | Economics for Construction and Engineering | 10 | 4 |
| LW1A05 | General Introduction to Law | 10 | 4 |

All modules at Part 1 of the programme are compulsory.

Part 2 Modules:

| Module | Name | Credits | Level |
|---------|--|---------|-------|
| CE2BES1 | Building Environment Systems | 10 | 5 |
| CE2CBP | Building Pathology | 10 | 5 |
| CE2CBT1 | Building Technology | 10 | 5 |
| CE2CCE | Construction Economics | 10 | 5 |
| CE2CCL2 | Construction Contract Law | 10 | 5 |
| CE2CMB | Management in the Built Environment | 10 | 5 |
| CE2CPR | Projects | 20 | 5 |
| CE2CPT | Construction Procurement | 10 | 5 |
| CE2CRS | Research Skills | 10 | 5 |
| CE2CSL | Construction Statutory Law | 10 | 5 |
| CE2QCT | Introduction to Quantification and Computerised Taking Off | 10 | 5 |

All modules at Part 2 of the programme are compulsory.

Modules during a placement year or study year (if applicable):

Students on the 4 year version of the programme will take one 120 credit module during their placement year.

If you take a year-long placement or study abroad, Part 3 as described below may be subject to variation.

Part 3 Modules:

| Module | Name | Credits | Level |
|--------|-------------------------------------|---------|-------|
| CE3CCD | Dissertation | 40 | 6 |
| CE3CME | Management of Construction Projects | 10 | 6 |
| CE3CPM | Construction Management Project | 20 | 6 |

Students must select a further 50 credits from a list provided by the School of the Built Environment.

Optional modules:

The optional modules available can vary from year to year. An indicative list of the range of optional modules for your Programme is set out in the Further Programme Information. Details of optional modules for each part, including any Additional Costs associated with the optional modules, will be made available to you prior to the beginning of the Part in which they are to be taken and you will be given an opportunity to express interest in the optional modules that you would like to take. Entry to optional modules will be at the discretion of the University and subject to availability and may be subject to pre-requisites, such as completion of another module. Although the University tries to ensure you are able to take the optional modules in which you have expressed interest this cannot be guaranteed.

Additional costs of the programme

During your programme of study you will incur some additional costs.

For textbooks and similar learning resources, we recommend that you budget between £300 to £500 a year. Some books may be available second-hand, which will reduce costs. A range of resources to support your curriculum, including textbooks and electronic resources, are available through the library. Reading lists and module specific costs are listed on the individual module descriptions.

Printing and photocopying facilities are available on campus at a cost starting at £0.05 (A4, black and white) per page. Costs will depend significantly on your working practices. Most assignments are submitted electronically although occasionally hard copy submission may be required. This is typically when hand drawing or writing is required.

You will be required to buy on arrival a drawing kit which will cost around £40.

There are a range of field trips included in the course which are usually provided at a low cost 0 - £20 per trip. It would be sensible to budget for at least two of these trips per academic year. In Part 1 and Part 2 you will have the opportunity to undertake the residential Construction Live Project fieldwork. The cost of this fieldwork is £220.

Costs are indicative and may vary according to optional modules chosen and are subject to inflation and other price fluctuations.

The estimates were calculated in 2019.

Placement opportunities

You will be provided with the opportunity to undertake a credit-bearing placement as part of your Programme. This will form all or part of an optional module. You will be required to find and secure a placement opportunity, with the support of the University.

Teaching and learning delivery:

You will be taught through lectures, seminars, tutorials, project work and experimental work.

Total study hours for each Part of your programme will be 1200 hours. The contact hours for your programme will depend upon your module combination; an average for a typical set of modules on this programme is Part 1 - 336 hours, Part 2 - 264 hours, Part 3 - 216 hours. In addition to your scheduled contact hours, you will be expected to undertake guided independent study. Information about module contact hours and the amount of independent study which a student is normally expected to undertake for a module is indicated in the relevant module description.

Assessment

The programme is assessed through a combination of examinations, written assignments including essays and reports, in class and online tests, practical work, presentations, projects and fieldwork. The exact combination will depend on module selection.

Progression

The University-wide rules relating to 'threshold performance' as follows

Part 1

- (i) obtain an overall weighted average of 40% in 120 credits
- (ii) obtain a mark of at least 30% in individual modules amounting to at least 100 credits taken in Part 1.

In order to progress from Part 1 to Part 2, a student must achieve a threshold performance.

The achievement of a threshold performance at Part 1 qualifies a student for a Certificate of Higher Education if they leave the University before completing the subsequent Part.

Part 2

To gain a threshold performance at Part 2, a student shall normally be required to:

- (i) obtain a weighted average of 40% over 120 credits taken at Part 2; and
- (ii) obtain marks of at least 40% in individual modules amounting to at least 80 credits; and
- (iii) obtain marks of at least 30% in individual modules amounting to at least 120 credits, except that a mark below 30% may be condoned in no more than 20 credits of modules owned by the Department of Mathematics and Statistics.

In order to progress from Part 2 to Part 3 in the **3 year programme**, a student must achieve a threshold performance

In order to progress from Part 2 to Part 3 in the **4 year programme**, a student must achieve a threshold performance and obtain a pass in the professional/work placement or study abroad year. Students who fail the professional/placement year transfer to the non-placement year version of the programme.

The achievement of a threshold performance at Part 2 qualifies a student for a Diploma of Higher Education if they leave the University before completing the subsequent Part.

Classification

Bachelors' degrees

The University's honours classification scheme is based on the following:

| Mark | Interpretation |
|------------|------------------------|
| 70% - 100% | First class |
| 60% - 69% | Upper Second class |
| 50% - 59% | Lower Second class |
| 40% - 49% | Third class |
| 35% - 39% | Below Honours Standard |
| 0% - 34% | Fail |

The weighting of the Parts/Years in the calculation of the degree classification is:

Three year programmes:

Part 2: one-third

Part 3: two-thirds

Four year programmes, including professional/work placement or study abroad:

Part 2: one-third

Placement/Study Abroad Year abroad not included in the classification

Part 3: two-thirds

For further information about your Programme please refer to the Programme Handbook and the relevant module descriptions, which are available at <http://www.reading.ac.uk/module/>. The Programme Handbook and the relevant module descriptions do not form part of your Terms and Conditions with the University of Reading.

BSc Construction Management for students entering Part 1 in session 2020/21

25 June 2019

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