

Programme Specification

MSc Construction Management (full-time)	PFTZCONMANHM
MSc Construction Management (flexible-modular)	PPTZCONMANFM
MSc Construction Management with Industry Placement (full-time)	PFTZCMANWYHM

For students entering in 2024/25

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

Awarding Institution	University of Reading
Teaching Institution	University of Reading
Length of Programme	MSc Construction Management (full-time) - 12 months MSc Construction Management (flexible-modular) - 24 months MSc Construction Management with Industry Placement (full-time) - 24 months
Accreditation	This programme is accredited by the Chartered Institute of Building (CIOB) and Royal Institution of Chartered Surveyors (RICS).
Programme Start Dates	September for full-time and flexible-modular February starts available for flexible-modular only, with a minimum period of 33 months
QAA Subject Benchmarking Group	N/A

Programme information and content

The aim is to engage with both project and company management, with distinct international dimensions. Study involves advanced case studies around topical issues, facilitated team-work and an interesting programme of field trips and visits. Students graduating from this programme typically develop their careers in senior management positions in construction companies and the public sector all over the world.

For the MSc Construction Management with Industry placement, the first year of the MSc is the taught modules, which are the same as the standard MSc Construction Management. After the first year, once the students met the minimum requirements for pass in the standard MSc (Please see the Classifications in this document for the requirements of Pass (or above)), they will start the placement in November of the second year. Please note that the onus to secure a placement is upon the student but support will be provided by the School, primarily through the Placement module. The students will need to inform the module convenor of the Placement module by the end of September, in writing, of securing the placement. Should the student fail to secure the placement by this date, they will be reverted to the standard programme and will be graduated with the relevant classifications in the standard programme.

The aim of the placement year is to apply the knowledge that the students gain in their first year of MSc in a relevant industry role. Students graduating from this programme will have the opportunity to showcase their capabilities and knowledge to the employers for an enhanced chance of securing a permanent position in the industry either within the UK or anywhere else in the world.

Programme Learning Outcomes

-MSc Construction Management (full-time)

During the course of the Programme, you will have the opportunity to develop a range of skills, knowledge and attributes (known as learning outcomes) For this programme, these are:

Learning outcomes	
1	Critical assessment of business of construction as it applies to firms and projects drawing on firms' business strategies and their value propositions.
2	Examining traditional criteria of running construction projects from project management perspectives such time, cost, quality, health and safety and risk management and the application of recent factors.
3	Describe and evaluate the concept of management as it applies to the construction sector.
4	Assessment of economic, social and environmental impacts of building and mega projects.
5	Interpret legal requirements of operating in a project environment.
6	Critical analysis and application of digital technologies, their benefits and value in the design, construction, operation and management of construction projects.
7	Analysis of current debates and application of construction technologies and AI in construction.
8	Identify and formulate the fundamentals underpinning construction projects and develop effective skills in communicating these, with reference to project management and business management.
9	The learning outcome for students who study the MSc CM with placement: Application of the knowledge gained in the taught modules of the first year in a relevant industry role in the second year with critical reflections on the challenges associated with the application of theory in practice.

You will be expected to engage in learning activities to achieve these Programme learning outcomes. Assessment of your modules will reflect these learning outcomes and test how far you have met the requirements for your degree.

To pass the Programme, you will be required to meet the progression or accreditation and award criteria set out below.

Module information

The programme comprises 180 credits, allocated across a range of compulsory and optional modules as shown below. Compulsory modules are listed.

Compulsory modules

Module	Name	Credits	Level
CEM102	Business of Construction	40	M
CEM10A	Research skills	20	M
CEM10B	Research dissertation	40	M
CEM280	Managing Construction Projects	20	M
CEM290	Construction Contract Law and Design Management	20	M

Part-time students will take the compulsory modules Business of Construction A (CEM12A) and Business of Construction B (CEM12B) in place of Business of Construction (CEM102).

The MSc Construction Management has two optional modules.

Year 2 modules

Module	Name	Credits	Level
CEM500	Industry Placement	180	M

The Year 2 compulsory module CEM500 is only for students who are on the placement version of the programme.

The optional modules for the programme with placement is exactly the same as the standard programme.

Part-time or flexible modular arrangements

This programme may be taken on a flexible-modular basis, normally over 24 months for September starts or 33 months for February starts, up to a maximum of 63 months. February starts involve spreading the period of study over three academic years, with a view to graduating in December of the third year.

The MSc Programme with placement is offered only on a full-time basis.

Placement opportunities

The standard MSc Programme does not have any formal arrangements for study abroad or placement.

The MSc with Industry Placement has one year of placement in the construction industry within UK.

Study abroad opportunities

There are no formal arrangements for study abroad.

Optional modules

The optional modules available can vary from year to year. An indicative list of the range of optional modules for your programme can be found online in the Course Catalogue. 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.

Teaching and learning delivery

The programme is delivered through a combination of instructor-led and student-led learning and teaching approaches including lectures, seminars, tutorials, group work and interactive sessions depending on the modules chosen.

In the MSc with industry placement, the students will be visited in their place of work during their placement by the Placement module convenor once per semester to ensure the processes are meeting the quality standards and they students are given the opportunity to make the most of their placement.

Elements of your programme will be delivered via digital technology.

The scheduled teaching and learning activity hours and amount of technology enhanced learning activity for your programme will depend upon your module combination. In addition, you will undertake some self-scheduled teaching and learning activities, designed by and/or involving staff, which give some flexibility for you to choose when to complete them. You will also be expected to undertake guided independent study. Information about module study hours including 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.

Accreditation details

The MSc Construction Management (full-time, flexible modular and with the Industry Placement) is accredited by the Chartered Institute of Building (CIOB) and The Royal Institution of Chartered Surveyors (RICS).

Assessment

The general assessment pattern for the programme is by coursework. There are no written examinations in this programme. Each 20-credit module will typically have two major assignments. Assessment is through a combination of written reports, essays, class tests, group projects, oral examinations, digital deliverables, and the research dissertation. Further information is contained in the individual module descriptions.

The assessment of the MSc with Industry placement during the first year is exactly the same as the standard MSc. The assessment of the placement year is based on a report that is graded as fail or pass.

Progression

N/A

The students on the MSc with Industry placement need to meet the minimum requirements of the pass in their first year (from taught modules and the dissertation) to be eligible to start the placement. Should the students fail to meet the minimum requirements of Pass, they will be reverted to the standard programme to have the opportunity to graduate with either a Postgraduate Diploma or a Postgraduate Certificate. If the student meets the minimum requirements and proceed with the placement year but fail the Industry Placement module, they will fail the Programme.

Classification

The University's taught postgraduate marks classification is as follows:

Mark Interpretation

70 - 100% Distinction

60 - 69% Merit

50 - 59% Good standard (Pass)

Failing categories:

40 - 49% Work below threshold standard

0 - 39% Unsatisfactory Work

For Masters Degree

The following conditions must be satisfied for the award of a Master's degree:

Award of a Master's degree

(i) an overall weighted average of 50% or more over 180 credits

(ii) a mark of 50% or more in at least 120 credits

(iii) not more than 20 credits with a mark below 40%

(iv) a mark of 50% or more for the Dissertation

Students on the placement version of the programme:

(v) must achieve a pass in the Industry Placement module (CEM500)

In addition to the threshold conditions for the award of a Master's degree, the following **further** conditions must be satisfied for a classification of Distinction or Merit:

Distinction

An overall weighted average of 70% or more over 180 credits

OR

an overall weighted average of 68% or more over 180 credits and marks of 70% in at least 90 credits

AND

A mark of at least 60% in the dissertation

AND

No marks below 40%.

Merit

An overall weighted average of 60% or more over 180 credits

OR

an overall average of 58% or more over 180 credits and marks of 60% in at least 90 credits

AND

No marks below 40.

For Postgraduate Diploma

The following conditions must be satisfied for the award of a Postgraduate Diploma:

Award of a Postgraduate Diploma

(i) an overall weighted average of 50% or more over 120 credits

(ii) a mark of 50% or more in at least 80 credits

(iii) not more than 20 credits with a mark below 40%

The qualification of PG Diploma excludes CEM10A and CEM10B. Where the conditions for a higher class have been met, the higher class should be awarded.

In addition to the threshold conditions for the award of a Postgraduate Diploma, the following further conditions must be satisfied for a classification of Distinction or Merit:

Distinction

An overall weighted average of 70% or more over 120 credits

OR

an overall weighted average of 68% or more over 120 credits and marks of 70% in at least 60 credits

AND

No marks below 40.

Merit

An overall weighted average of 60% or more over 120 credits

OR

an overall average of 58% or more over 120 credits and marks of 60% in at least 60 credits

AND

No marks below 40.

For Postgraduate Certificate

The following conditions must be satisfied for the award of a Postgraduate Certificate:

Award of a Postgraduate Certificate

(i) an overall weighted average of 50% or more over 60 credits

The qualification of PG Certificate excludes CEM10A, CEM10B and CEM102 and CEM12A and CEM12B.

Additional costs of the programme

Where applicable, core textbooks recommended for purchase vary in cost. An allowance of around £50 may be required. A wide range of learning material and resources to support the programme including textbooks, software, and electronic resources are available through the library, computer laboratory, and School-based Resource Centre.

Site visits form an essential component of this programme. Personal Protective Equipment including High Visibility Jackets and Hard Hats may be available to borrow from the School. Students wishing to buy these may incur costs around £5 - £10. Student are expected to purchase their own Construction Boots which may cost around £25 - £40.

For the MSc with Industry placement, the costs of commute to the placement are not included in here. This may vary depending on its location. Some firms might reimburse the travel expenses but that is not guaranteed.

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 2023.

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.

MSc Construction Management (full-time) for students entering in session 2024/25
11 March 2024

© The University of Reading 2024