



**UNIVERSITY OF  
PORTSMOUTH**

## **COURSE SPECIFICATION**

***MSc Building Information Management (DL)***

# COURSE SPECIFICATION

Course Title	<i>MSc Building Information Management (BIM)</i>
Final Award	<i>MSc</i>
Exit Awards	<i>PGCert, PGDip</i>
Course Code / UCAS code (if applicable)	P3389PTD
Mode of study	<i>part time</i>
Mode of delivery	<i>Distance Learning</i>
Normal length of course	<i>2 years part time</i>
Cohort(s) to which this course specification applies	<i>from September 2023 intake onwards</i>
Awarding Body	<i>University of Portsmouth</i>
Teaching Institution	<i>University of Portsmouth</i>
Faculty	<i>Faculty of Technology</i>
School/Department/Subject Group	<i>School of Civil Engineering and Surveying</i>
School/Department/Subject Group webpage	<a href="https://www.port.ac.uk/about-us/structure-and-governance/organisational-structure/our-academic-structure/faculty-of-technology/school-of-civil-engineering-and-surveying">https://www.port.ac.uk/about-us/structure-and-governance/organisational-structure/our-academic-structure/faculty-of-technology/school-of-civil-engineering-and-surveying</a>
Course webpage including entry criteria	<a href="https://www.port.ac.uk/study/courses/postgraduate-taught/msc-building-information-management">https://www.port.ac.uk/study/courses/postgraduate-taught/msc-building-information-management</a>
Professional and/or Statutory Regulatory Body accreditations	<i>Accredited by JBM Accreditation is pending by RICS</i>
<a href="#">Quality Assurance Agency Framework for Higher Education Qualifications (FHEQ) Level</a>	<i>level 7</i>

This course specification provides a summary of the main features of the course, identifies the aims and learning outcomes of the course, the teaching, learning and assessment methods used by teaching staff, and the reference points used to inform the curriculum.

This information is therefore useful to potential students to help them choose the right course of study, to current students on the course and to staff teaching and administering the course.

Further detailed information on the individual modules within the course may be found in the relevant module descriptors and the Course Handbook provided to students on enrolment.

Please refer to the [Course and Module Catalogue](#) for further information on the course structure and modules.

## Educational aims of the course

The course aims to simulate the real-life working environment by enabling collaboration amongst different stakeholders. Moreover, it aims to attract students with different backgrounds, i.e. construction management, architecture, civil engineering, quantity surveying, operation/project management, different backgrounds in engineering, etc. Hence, the nature of the proposed interdisciplinary course is to reach to a wider range of students without the prerequisite of having an in-depth knowledge in the field. MSc BIM:

- Responds to an urgent need for Architectural, Engineering, and Construction (AEC) industry specialists, seeking to develop skills in the theory and practice of BIM.
- Proposes a new curriculum, designed to address this shortcoming and aims to allow for students to develop skills, knowledge and understanding in BIM, including both the theoretical and practical implications of such a method of working, and to facilitate the development of research skills to enable further individual specific research enquiry.
- To provide a flexible framework within which students in relevant fields may acquire the research skills essential for the pursuit of their subject(s).
- To equip postgraduates with the necessary transferable skills for lifelong learning and flexibility in the context of changing labour markets.
- To provide students with the skills and knowledge required to maximise career and further postgraduate study opportunities.
- To provide an awareness of the need to conduct research ethically and safely and a framework within which to do so.

## Course Learning Outcomes and Learning, Teaching and Assessment Strategies

The [Quality Assurance Agency for Higher Education \(QAA\)](#) sets out a national framework of qualification levels, and the associated standards of achievement are found in their [Framework for Higher Education Qualifications](#) document.

The Course Learning Outcomes for this course are outlined in the tables below.

A. Knowledge and understanding of:			
LO number	Learning outcome	Learning and Teaching methods	Assessment methods
A1	<i>Focused, critical and up to date knowledge of construction (information) management and construction law.</i>	<i>Lectures (Online)</i>	<i>Examinations, Reports</i>
A2	<i>Learn a holistic approach to AEC projects using state-of-the-art BIM software.</i>	<i>Tutorials (Online)</i>	<i>Reports</i>
A3	<i>Systematic approaches to constructing and interpreting the future direction of the AEC industry.</i>	<i>Tutorials (Online)</i>	<i>Portfolios</i>
A4	<i>Learn from industrial guest lecturers from leading companies in the practical implementation of BIM through webinars and online presentations.</i>	<i>Seminars (Online)</i>	<i>Reports, Portfolios</i>
A5	<i>Work on an individual research project allowing students to develop specific skills and knowledge tailored to their chosen career path. They will receive training in appropriate research methods.</i>	<i>Lectures (Online)</i>	<i>Reports</i>

<b>B. Cognitive (Intellectual or Thinking) skills, able to:</b>			
<b>LO number</b>	<b>Learning outcome</b>	<b>Learning and Teaching methods</b>	<b>Assessment methods</b>
B1	<i>Demonstration of a comprehensive understanding of the techniques and methods available for research (suitable to level 7)</i>	<i>Lectures (Online)</i>	<i>Reports</i>
B2	<i>Capability to critically document, scrutinise, evaluate, and present on BIM area from a given AEC project (suitable to level 7)</i>	<i>Lectures (Online)</i>	<i>Portfolios, Reports</i>
B3	<i>Development of a thorough knowledge of BIM (theory and practice) and its application within the AEC industry</i>	<i>Lectures (Online)</i>	<i>Reports</i>
B4	<i>Ability to collaborate with an AEC professional in a chosen field and research</i>	<i>Lectures (Online)</i>	<i>Reports</i>

<b>C. Practical (Professional or Subject) skills, able to:</b>			
<b>LO number</b>	<b>Learning outcome</b>	<b>Learning and Teaching methods</b>	<b>Assessment methods</b>
C1	<i>Facilitate the acquisition of subject specific skills to enable students to pursue postgraduate study and research within their chosen specialised field.</i>	<i>Lectures (Online)</i>	<i>Portfolios, Reports</i>
C2	<i>Retrieve and select appropriate information from a range of sources.</i>	<i>Seminars (Online), Lectures (Online)</i>	<i>Portfolios, Reports</i>
C3	<i>Apply the design process to enable the selection of appropriate processes.</i>	<i>Tutorials (Online)</i>	<i>Portfolios</i>
C4	<i>Communicate technical information in a lucid manner to both management and technical staff.</i>	<i>Lectures (Online)</i>	<i>Reports</i>
C5	<i>Think creatively in order to develop design and analytical solutions.</i>	<i>Tutorials (Online)</i>	<i>Portfolios</i>

<b>D. Transferrable (Graduate and Employability) skills, able to:</b>			
<b>LO number</b>	<b>Learning outcome</b>	<b>Learning and Teaching methods</b>	<b>Assessment methods</b>
D1	<i>Communicate effectively in writing, speaking and in appropriate forms of presentation</i>	<i>Lectures (Online), Seminars (Online)</i>	<i>Examinations, Reports</i>
D2	<i>Read and understand documents related to AEC projects and BIM software packages</i>	<i>Tutorials (Online)</i>	<i>Portfolios</i>
D3	<i>Use information technology to handle data</i>	<i>Tutorials (Online)</i>	<i>Portfolios</i>
D4	<i>Assess problem domains and formulate appropriate problem-solving strategies</i>	<i>Tutorials (Online)</i>	<i>Examinations, Portfolios</i>
D5	<i>Collaborate in teams to achieve goals and develop projects</i>	<i>Tutorials (Online)</i>	<i>Reports, Portfolios</i>

## Academic Regulations

The current University of Portsmouth [Academic Regulations: Examination & Assessment Regulations](#) will apply to this course. Approved course exemptions can be found [here](#).

## Support for Student Learning

The University of Portsmouth provides a comprehensive range of support services for students throughout their course, details of which are available at the [MyPort](#) student portal.

**In addition to these University support services this course also provides...**

- The Course is managed by a Course Leader
- Collaborative programmes are managed on a day-to-day basis by the University Contact who may or may not be the Course Leader
- The Combined Honours Degree is managed by a Course Leader from one subject area and a Deputy Course Leader from the other
- An on-line induction programme introduces the student to the University and their course
- Each student has a personal tutor, responsible for pastoral support and guidance
- University support services include careers, financial advice, housing and counselling
- The Academic Skills Unit (ASK)
- The Additional Support and Disability Advice Centre (ASDAC)
- Excellent library facilities
- Student course and unit handbooks provide information about the course structure and University regulations
- Feedback is provided for all assessments
- Personal Development Planning (PDP) for all awards

## Evaluation and Enhancement of Standards and Quality in Learning and Teaching

The University of Portsmouth undertakes comprehensive monitoring, review and evaluation of courses within clearly assigned staff responsibilities. Student feedback is a key feature in these evaluations, as represented in our [Policy for Listening to and Responding to the Student Voice](#) where you can also find further information.

## Reference Points

The course and outcomes have been developed taking account of:

- [University of Portsmouth Curriculum Framework Specification](#)
- [University of Portsmouth Vision](#)
- [Office for Students Conditions of Registration](#)
- [University of Portsmouth Code of Practice for Work-based and Placement Learning](#)
- [Quality Assurance Agency UK Quality Code for Higher Education](#)
- [Quality Assurance Agency Qualification Characteristic Statements](#)
- [Quality Assurance Agency Subject Benchmark Statement](#) for Land, Construction, Real Estate and Surveying
- [Quality Assurance Agency Framework for Higher Education Qualifications](#)

- Requirements of Professional and/or Statutory Regulatory Bodies: **Joint Board of Moderators, Royal Institution of Chartered Surveyors: Partnership arrangements between the University of Portsmouth and the Royal Institution of Chartered Surveyors and Joint Board of Moderators.**
- Vocational and professional experience, scholarship and research expertise of the University of Portsmouth’s academic members of staff
- National Occupational Standards

### Changes to your course/modules

The University of Portsmouth has checked the information provided in this Course Specification and will endeavour to deliver this course in keeping with this Course Specification. However, changes to the course may sometimes be required arising from annual monitoring, student feedback, and the review and update of modules and courses.

Where this activity leads to significant changes to modules and courses there will be prior consultation with students and others, wherever possible, and the University of Portsmouth will take all reasonable steps to minimise disruption to students.

It is also possible that the University of Portsmouth may not be able to offer a module or course for reasons outside of its control, for example, due to the absence of a member of staff or low student registration numbers. Where this is the case, the University of Portsmouth will endeavour to inform applicants and students as soon as possible, and where appropriate, will facilitate the transfer of affected students to another suitable course.

### Copyright

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