

MSc BIM Management & Integrated Digital Delivery



	M.Sc. BIM Management & Integrated Digital Delivery (BIMM & IDD)
	Middlesex University
	Middlesex University
	Professional body accreditation – CIOB (to be confirmed)
	M.Sc. BIM Management & Integrated Digital Delivery PGDip. BIM Management & Integrated Digital Delivery PGCert. BIM Management & Integrated Digital Delivery
	2019
	English
	Distance Learning. Full Time 1 year / Part Time 2 years

- Degree qualification (minimum lower 2nd class) in an appropriate construction discipline (e.g. architecture, architectural technology, civil, mechanical, electrical engineering, surveying etc.) + 3 years relevant industrial experience

OR

- Corporate membership of a relevant professional body including 3 years of relevant industrial experience

OR

- Relevant industrial experience on a case by case basis
Candidates should also have creative, proactive qualities, ability to engage with technology, exercise leadership as an individual and work efficiently in teams. Applicants should supply evidence of the previous qualities in their personal statement.

Non-English native speakers are required to show high level of competence in the use of English, equivalent to at least 6.5 in the IELTS test or TOEFL 575 (paper based), 237 (computer based).

10. Aims of the programme

The programme aims to:

1. Build the knowledge of how Building Information Modelling Management (BIMM) is a managed, enhanced processes and workflows approach to the collection and exploitation of information and 3D models across a construction/infrastructure project from conception to demolition.
2. Ensure that the candidates leaving the programme are BIM enabled with a critical awareness of contemporary Integrated Digital Delivery methods and techniques informed by technology, research and management skills in standard and unpredictable scenarios.
3. Provide practitioners in the property, construction and facilities sector, and related stakeholders providing services for it, with a qualification to be employed in a management role in Building Information Modelling (BIM) projects. These include technical BIM management positions, operational/administrative BIM management positions, and strategic BIM management positions.
4. Develop skills and understanding to work in a collaborative work environment
5. Develop critical thinking, leadership, team/personal and decision- making skills, and the ability to reflect upon strategic decisions.
6. Enhance learners' capabilities to negotiate, design and complete BIM projects/inquiries/activities which meet both their own needs and those of their employers/sponsors/organisations.

11. Programme outcomes*

A. Knowledge and understanding

On completion of this programme the successful student will have knowledge and understanding of the following:

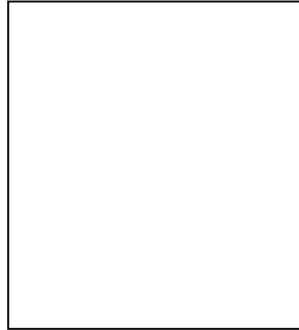
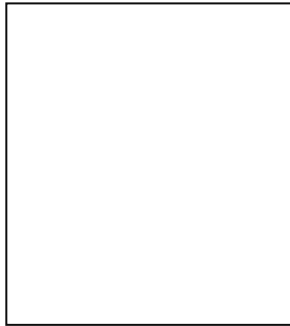
Evaluate the interaction processes involved in designing, constructing and managing a building through use of BIM 3D models and data sets.
Recognise the importance of collaborative working

Teaching/learning methods

Students gain knowledge and understanding through given face-to-face or online lectures, analysis of existing or new design

12. Programme structure (levels, modules, credits and progression requirements)

12. 1 Overall structure of the programme



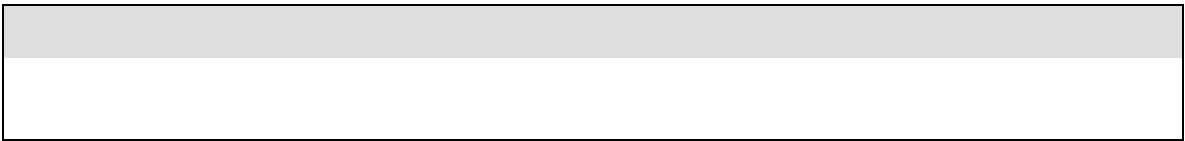
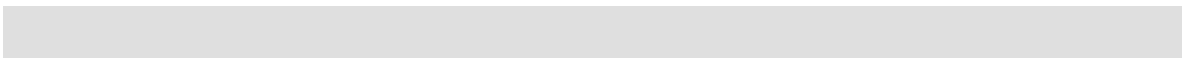
be taken in the 1st or 2nd year before or after completion of the 2nd module, but at minimum after the 1st module is completed. During these workshops the cohort will reflect and provide feedback on all prior knowledge acquired within the previous 2 modules and guest lectures, with introduction of business games/scenarios/role-play and case studies. They will also propose their thesis topics,

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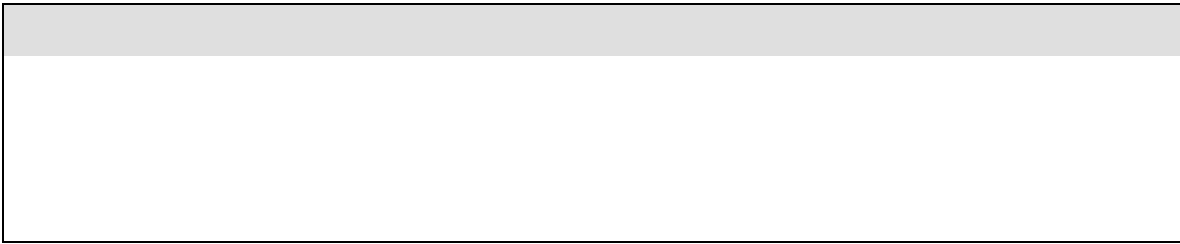
be possible to collaborate and merge their experiences.

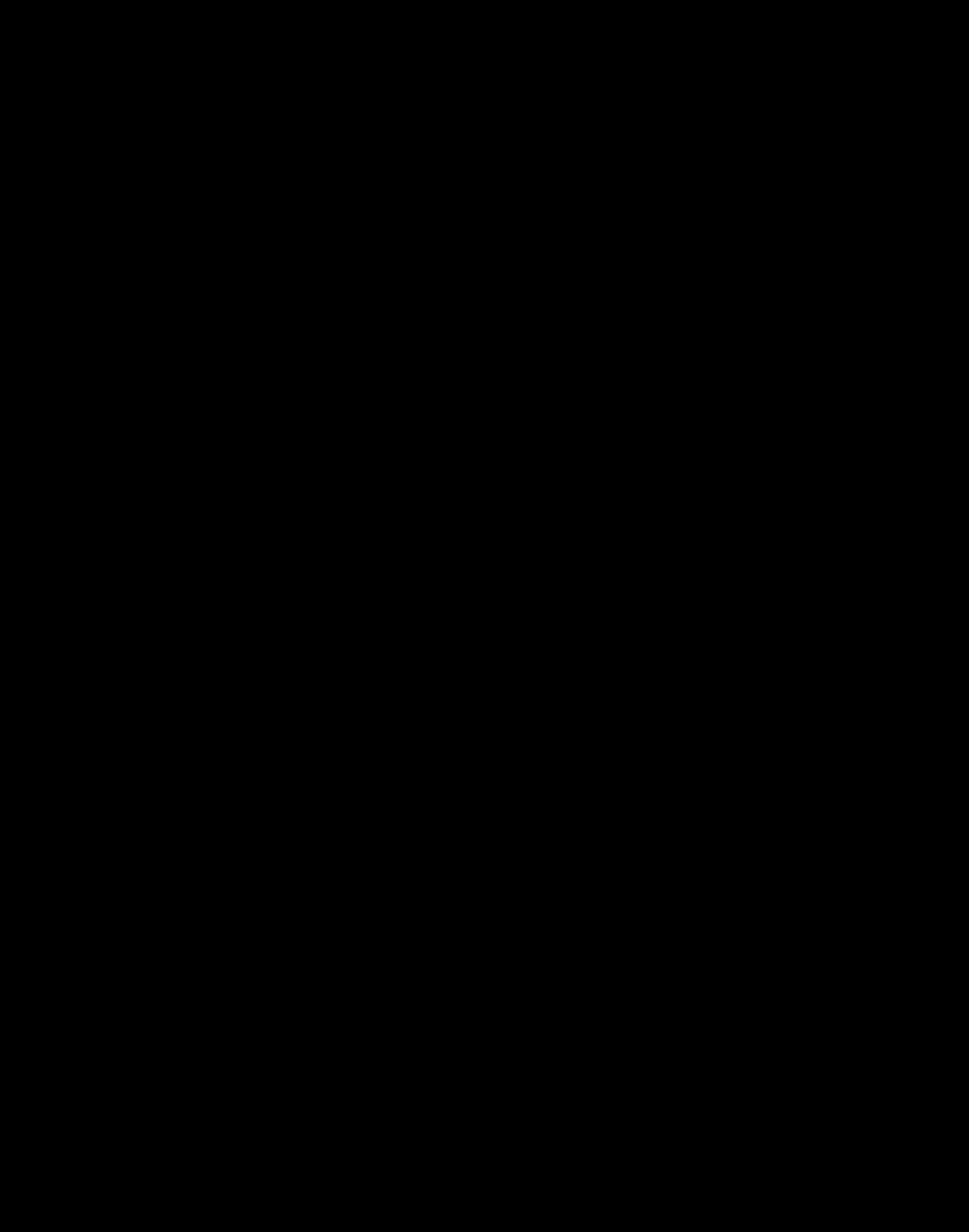
The programme runs from the Autumn term through to the Spring term (24 weeks contact) during which the 1st only or 1st and 2nd modules may be completed leading to the 3rd s

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- CIOB Education Framework for Masters Degree Programmes (2010)
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