

## MSc in Construction Informatics (IT)

### Some Testimonials

“ The innovative CITA MSc in Construction Informatics gives participants the ability to work creatively within a multidisciplinary design team, while the BIM for Sustainable Construction Module in particular provides a broad insight into the challenges surrounding Sustainable Building Design and in-depth knowledge of the computer modelling techniques that are used in the design of modern sustainable buildings providing the skills and knowledge to be at the forefront of the AEC industry at a time of great change.”

*Declan Alcock, Project Director,  
Varming Consulting Engineers*

“ I transitioned from my role as an Architectural Technician to BIM Coordinator on completing first year. I put this opportunity largely down to the experience gained through the course. The course is broad enough to allow individuals to go in the direction of their choice. I would definitely recommend this course to my colleagues.”

*Laura Swaine, BIM Coordinator, Jacobs Engineering*

“ The CITA Masters in Construction Informatics is training industry professionals to deal with the new challenges facing Irelands AEC industry with regards to technology and managing digital information. At BAM we have recruited a number of these course participants as their knowledge and experience is invaluable to meeting the demands of delivering BIM projects to our clients.”

*Paul Brennan, VDC Manager, BAM Group Ireland*

### To apply contact:

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This course is financially assisted by CITA Skillnet which is promoted by the Construction IT Alliance. CITA Skillnet is funded by member companies training fees and the training networks programme, an initiative of Skillnets Ltd. funded from the National Training Fund through the Department of Education and Skills



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### DT168 Part Time Online



**BIM4Business**  
Designed by **Business** for Business

For Details of New BIM4Business Modules see inside

The Construction IT Alliance (CITA) has developed this course as a direct response to industry needs.

**Aims**

- To produce BIM enabled practitioners
- To provide an understanding of the complexity of working in interdisciplinary teams and managing collaborative design and production
- To allow students to develop new skills which will enhance their ability to plan and execute design for construction, producing more efficient, sustainable and buildable projects
- To foster leadership, decision making, strategic thinking and communication

**Benefits**

- Distance Learning -no need to take time off work
- International Course with Overseas students in attendance
- Online meetings and lectures from industry leaders
- Opportunities to influence the future of BIM with your thesis

**Who should apply?**

- Graduates pursuing a career in the rapidly evolving area of BIM
- Experienced professionals who will be expected to manage BIM projects
- Professionals currently employed in the Construction industry who wish to develop new skills and adapt their professional abilities

**New BIM Modules September 2014**

- BIM Execution Planning and Project Protocols
- Understanding Data Set Management & BIM
- Sustainable BIM Design & Construction

Modules on Offer	ECTS
Introduction to Construction Informatics	5 C
Interoperability & BIM	5
eBusiness in Construction	5
Building Collaborative Technologies	5
Applied Knowledge Management	5
Project Planning & Scheduling	5
Mobile Computing	5
Energy Integrated ICT Applications	5
BIM Executive & Project Protocols	5
Understanding Data Set Management & BIM	5
Sustainable BIM Design & Construction	5
Research Methods	10 C
Integrated Master Project	15 C
Dissertation	30 C

(C = Core)

All of the above optional modules may be taken on a standalone basis and the credits gained may count towards subsequent Graduate Diploma and or Masters study

**Entry Requirements**

2:2 (honors degree) in an appropriate construction discipline i.e. civil, building, architecture, structural engineering, construction management or IT.

Applicants with suitable relevant work experience can also be considered.

**Mode of Delivery**

All modules run sequentially in 4 week intervals with the exception of the Integrated Master Project and the Dissertation modules which involve a full semester of study.

The flexible structure of this part time Masters Programme contains 5 semesters allowing students to choose their preferred mix of modules.

\*Annual Industry Prize for the best Dissertation.

**Costs**

	Full Cost	CITA Skillnet Discount Cost
Individual Module	€600	€480
Post Graduate Certificate	€3,600	€2,880
Post Graduate Diploma	€7,200	€5,760
Masters	€9,000	€7,200

Limited free spaces for jobseekers

\*Terms and conditions apply

