

Enterprise Information Systems BSc (Hons)

COURSE FACTS

Faculty	Computing, Engineering and the Built Environment
School	Engineering, Design and Manufacturing Systems
Application	Apply through UCAS. Institution code B25, Course code H212
Location	City Centre Campus, Millennium Point
Duration	Full-time: three years, sandwich: four years



KEY FACTS

- This course offers you an opportunity to become SAP certified in Enterprise Resource Planning (ERP).
- The course enables you to gain knowledge and skills in systems engineering and modelling, development and integration of enterprise systems solutions within a commercial organisation.
- The Course is offered within the Centre for Enterprise Systems in the School of Engineering, Design and Manufacturing Systems with a well-established team of academics in Enterprise Resource Planning (ERP), manufacturing and engineering systems with links with industrial partners.

WHY CHOOSE US?

- The course is developed in consultation with employers, such as Aurum Holdings, Cognizant, Atos, SAP, BAE, BP, Rolls-Royce, Cap Gemini, Edenhouse, HCL Axon, Ciber and Accenture, the course will equip you with the vital skills needed to undertake a role as a SAP consultant
- On this course you can benefit from the insight of company visits, the input of guest lecturers from industry, and the inspiration of our well established and strong tutorials, in enterprise resource planning, knowledge management, manufacturing, cognitive and engineering systems.

COURSE OVERVIEW

This course has been designed to provide you with the knowledge and skills to analyse, design and develop an Enterprise Systems solutions within a commercial organisation. It will also enable you to acquire and develop a thorough technical, practical and theoretical understanding of enterprise systems that are fit for purpose and can lead to SAP certifications.

YEAR 1					
Integrated Business Processes 30 credits		Software Development 30 credits	Professional Context of Technology 15 credits	Fundamentals of Project Management 15 credits	Applied Projects 1 (Industry Project) 30 credits
YEAR 2					
Business Operations Systems 1 15 credits	Enterprise Solutions 1 15 credits	Software Design & Construction 30 credits	Management of Engineering & Technology Innovation 15 credits	Agile Project Management 15 credits	Applied Projects 2 (Industry Project) 30 credits
YEAR 3					
Business Operations Systems 2 15 credits	Enterprise Solutions 2 15 credits	Mobile & Web Technologies 30 credits	Strategic Enterprise Management 15 credits	Knowledge Management 15 credits	Individual Project (Industry Project) 30 credits

COURSE STRUCTURE

The course reflects the pressing needs of commerce, industry and public sector organisations that look for professionally qualified graduates, in particular with SAP certification. You emerge as a highly competent and credible candidate for employment, with a combination of technical and 'soft' transferrable skills. We also fully support you in finding a work placement that can give you invaluable experience and possible industry contacts.

ASSESSMENT

A range of assessment methods is used throughout the course including continuous assessment, in-class tests, examinations, laboratory exercises and project work. Using these methods, your all-round ability will be appraised providing you with the best opportunity to excel.

ENTRY REQUIREMENTS

- 280 points. Minimum of two 6-unit or one 12-unit A-Level (GCE or VCE)
- GCSE Mathematics and English grade C or equivalent must be offered.
- Pass National Diploma with Merit/Merit/Distinction
- Advanced Diplomas are accepted
- Irish: 280 points in ILC, Scot: 280pts from four Highers, IB 30pts

EMPLOYABILITY

This course is structured so that its themes have a direct relevance to industry's current and expected future needs. It produces graduates who have the intellectual, technical and personal qualities necessary to implement new technologies creatively. Typically positions for graduates of BSc (Hons) Enterprise Information Systems are as follows:

- Solution Architect
- Enterprise Systems Analyst
- Business Process Management Engineer
- Enterprise Systems Developer
- Mobile and Cloud Solution Developer
- Enterprise Systems Integration Consultant
- ERP Analyst and Developer
- Data Migration Consultant
- Business Intelligence Analyst
- Decision Engineers

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