



Irish University Business School

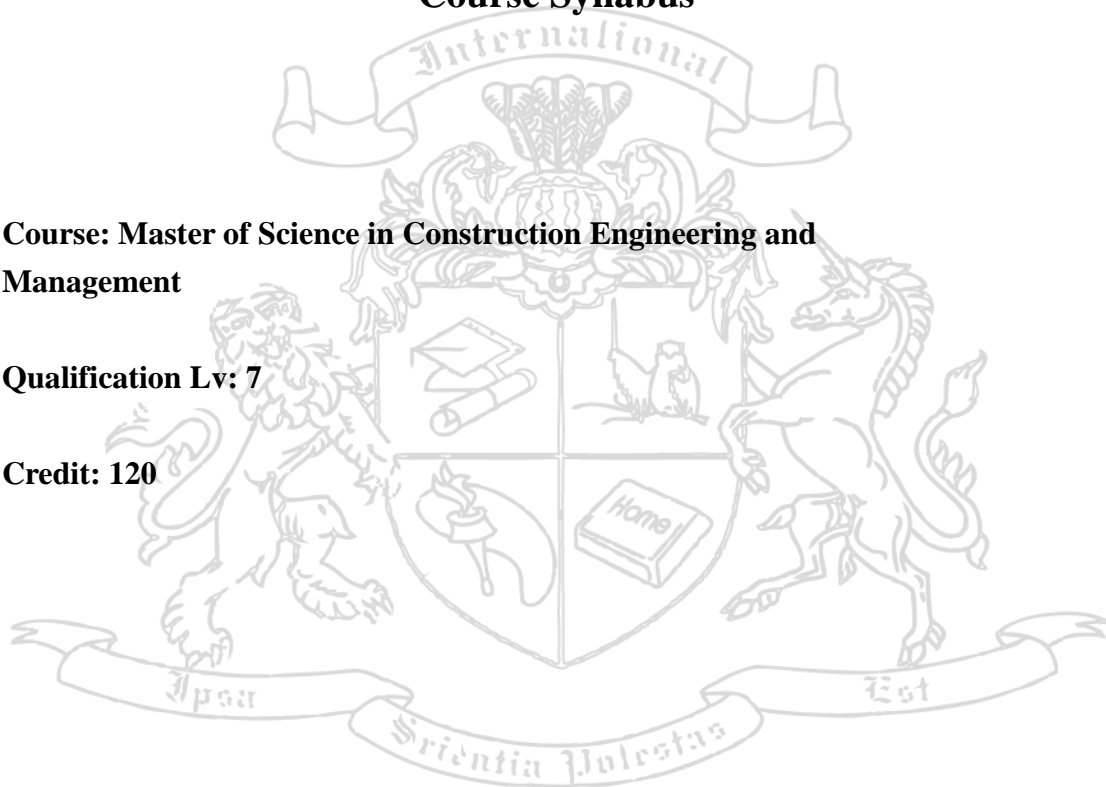
Irish University Business School

Course Syllabus

Course: Master of Science in Construction Engineering and Management

Qualification Lv: 7

Credit: 120



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Programme Aims:

The programme covers a set of complex, professional activities which require a special knowledge of the technical, economic and policy environment, and encompass elements of construction technology, real estate development, building science, law, architecture, urban and regional planning, public policy, and project management.





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Core Module:

- CE 462 Construction Methods and Equipment
- CE 469 Sustainability
- CE 470 Building Information Modeling and Integrated Skill
- CE 501 Functions of the Constructor
- CE 502 Construction Accounting and Finance
- CE 556 Project Controls Budgeting and Estimating
- CE 566 Project Controls Planning and Scheduling
- CE 557 Advanced Building Estimating
- CE 412 Contracts and Specifications
- CE 526 Engineering Mathematical Methods
- CE 558 International Construction and Engineering

Assessment:

Assignment(s) or/and Case Studies or/and Project 100%

