

BSc (Hons) Civil Engineering



About the course

The course strikes a balance between technological, vocational and personal skills to provide you with good employment prospects and personal development opportunities. It is designed to develop your ability to apply the principles of analysis and evaluation to solve civil engineering and construction-related problems.

The course introduces you to the use of CAD, land surveying and other specialist equipment. We offer well-equipped materials, hydraulics, geotechnical and structures laboratories, an extensive range of the latest surveying equipment and the Design Studio, which contains the latest CAD software and hardware. Our dedicated staff team, who have all worked in a professional capacity in the construction industry, provides a high level of support

What you will learn

You will learn about construction techniques, the properties of construction materials, structural, geotechnical, hydraulic and highway and transport engineering.

We use a variety of learning methods including field, laboratory and project work, lectures, seminars and tutorials. Assessment methods include coursework, project work, presentations and examinations.

Duration

3 years full-time

Start dates

September and January.

Professional accreditation

In the UK, this course is accredited by the Joint Board of Moderators of the Institutions of Civil and Structural Engineers for Incorporated Engineer status.

What you will study

The following is an indicative list of module offerings.

Level 1

Communications and IT
Construction and Materials Technology
Design of Structural Elements
Hydraulics
Mathematics
Soil Mechanics
Surveying
Structural Analysis.

Level 2

Civil Engineering Construction Technology
Construction Management
Geotechnics
Hydraulics
Construction Materials
Mathematics
Research Methods
Risk Management
Structures
Surveying

Level 3

Construction Management
Design Project
Environmental Management
Geotechnics
Hydraulics
Interdisciplinary Project
Structures

Options: *Environmental Management; Project Management; Structural Planning.*

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