

# Bachelor of Science in Civil Engineering



## SHAPE SKYLINES, TRANSFORM COMMUNITIES

### WHY STUDY BACHELOR DEGREE IN CIVIL ENGINEERING

A BSc in Civil Engineering equips you with the skills to design, build, and maintain the infrastructure that shapes our world. From bridges and skyscrapers to highways and sustainable cities, civil engineers play a vital role in modern society.

Industries such as sustainable construction, urban development, and environmental consulting offer pathways to align your career with global sustainability goals and technological advancements, ensuring you remain at the forefront of creating smarter, greener, and more resilient built environments.

## Entry Requirements

Secondary level education (12 years) or equivalent. 80% is required in 3 Subjects: Math, Physics, and (Chemistry or Biology)

Curricula taught in English are exempted from English Language requirement.

For Ministry curriculum a grade of 80% for English language in high school or Academic IELTS with an overall score of 5.0 or equivalent is required.

(please check our website for more details [www.buid.ac.ae](http://www.buid.ac.ae))

## PROGRAMME DESCRIPTION

The programme covers key areas of Civil Engineering, such as structural engineering, transportation, geotechnical, environmental and water resources engineering. With a strong focus on innovation and real-world applications, students gain hands-on experience through advanced labs and industry projects. Graduates are prepared to lead in the development of smart cities, resilient buildings, and sustainable infrastructure solutions.

## CAREER PROSPECTS

As a Civil Engineering graduate, you can embrace a future-focused career in sustainable infrastructure, smart cities, and green building design. Opportunities include roles in sustainable construction, structural health monitoring using AI, resilient urban planning, and renewable energy-integrated projects. With advancements in Building Information Modelling (BIM), AI-driven project management, and IoT-enabled smart infrastructure, you can contribute to innovative solutions like energy-efficient buildings, autonomous construction systems, and climate-resilient designs.

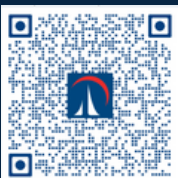
## ABOUT BUiD

The British University in Dubai (BUiD) was established by law number 5 in 2003, by His Highness the late Sheikh Maktoum bin Rashid bin Saeed Al Maktoum, Ruler of Dubai, as a not-for-profit entity. The University grew out of collaborations between British and Dubai academic, government and commercial organisations to make a unique contribution to the UAE and the Gulf region.

The academic support that BUiD enjoys from its alliance with Russell Group universities in the UK has contributed to its success. These universities include the University of Edinburgh, the University of Glasgow, and the University of Manchester - all in the world's top 100.

Scholarships are available - Please check our website [www.buid.ac.ae](http://www.buid.ac.ae)

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