

Bachelor of Science in Electrical and Electronics Engineering



POWERING PROGRESS WITH SMART ENGINEERING SOLUTIONS

WHY STUDY BACHELOR DEGREE IN ELECTRICAL AND ELECTRONICS ENGINEERING

In today's technology-driven world, a BSc in Electrical and Electronics Engineering (EEE) opens doors to a future of innovation and endless career opportunities. This dynamic field equips students with the skills to design, develop, and optimise cutting-edge technologies that power modern industries. From designing next-generation renewable energy solutions to developing AI-powered smart devices, EEE professionals drive technological advancements that shape the future. Whether you are enthusiastic about electric vehicles, power systems, embedded systems, or cybersecurity, this degree empowers you to create impactful solutions.

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)

PROGRAMME DESCRIPTION

The programme blends theory with practical experience, providing expertise in circuit design, programming, data analytics, AI integration, power electronics and smart devices. Students gain hands-on experience through labs, industry projects, and internships, ensuring they graduate job ready.

CAREER PROSPECTS

A graduate in Electronics and Electrical Engineering is well-equipped for a dynamic career in AI, computer science, and emerging technologies. Opportunities span IoT, smart systems, renewable energy, embedded systems, and AI-driven automation. Graduates can contribute to advancements in robotics, EV technology, 5G/6G, and AI hardware, leveraging skills in programming, data analysis, and AI integration. Industries like telecommunications, energy, automotive, and consumer electronics offer exciting career paths, keeping professionals at the forefront of innovation in a rapidly evolving digital world.

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

For Information



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