Bachelor of Science (BSc) Computer Science - Artificial Intelligence

THE FUTURE OF ARTIFICIAL INTELLIGENCE IS NOW SO IS YOURS!

WHY STUDY A BSC IN COMPUTER SCIENCE - ARTIFICIAL INTELLIGENCE AT THE BRITISH UNIVERSITY IN DUBAI?

Artificial Intelligence (AI) is the attempt to build artificial systems that have intelligent behaviour. There are two main directions of research that are followed in the BSc in Computer Science - Artificial Intelligence programme. Firstly, it enables students to comprehend natural intelligence by using computer models. Secondly, it allows students to develop methods and innovation to build systems capable of intelligent decisions and actions. The AI that students learn is both a science and an engineering discipline. Applications of AI range from "smart" controllers for household devices to computers that can converse in natural languages such as English, play computer games, conduct intelligent web searches, or act as a robot's brain.household devices to computers that can converse in natural languages such as English, play computer games, conduct intelligent web searches, or act as the brain of a robot.

ENTRY REQUIREMENTS

Secondary level education (12 years) or equivalent. This includes UAE curriculum, British curriculum, American curriculum, or any other equivalent programme.
English Language proficiency equivalent to EmSAT score of 1100 or TOEFL score of iBT 61 or IELTS 5.0.

Students need to take proficiency test as per Ministry of Education requirements

PROGRAMME STRUCTURE

The Programme is delivered over 4 years. Each year is divided into 3 terms. In each term, students take 4 modules of 3 credit hours. Students start with a semi-common first-year before taking programme-specific modules in years 2-4.

PROGRAMME DESCRIPTION

Students will be able to apply core knowledge of computer fundamentals to solve a range of practical computer and AI problems and be aware of the social, professional, ethical and legal issues involved in using computing systems. Students will become familiar with state-of-the-art, emerging computing techniques and technologies and learn advanced AI techniques and their applications.

Students will be able to demonstrate effective work habits, leadership, and social responsibility in context, apply new techniques and technologies as they emerge, analyse a problem and create an appropriate algorithmic solution, and develop communication skills, initiative, professionalism and the ability to work independently as well as with others.

CAREER PROSPECTS

Unleash Your AI Superpower

Do you dream of using your skills to change the world? The top jobs that will be in demand in the coming decade, according to World Economic Forum, are all related to AI

BUiD BSc in Computer Science - Artificial Intelligence concentration will expose you to machine learning, robotics, natural language processing, and other subjects related to AI. The degree will open doors to exciting careers, such as: Machine Learning Engineer, Data Scientist, AI/ML Software Engineer, Natural Language Processing Engineer, or Computer Vision Engineer. These are just a taste of the endless possibilities! Imagine developing life-saving AI that diagnoses diseases early, personalising learning experiences, or creating sustainable solutions for climate change.

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 ths world's top 100.

Scholarships are available - Please check our website www.buid.ac.ae

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