

Explore Your Possibilities

In CDE's interdisciplinary learning environment, your possibilities are limitless.

Landscape Architecture

Landscape architects plan, design, and manage outdoor spaces such as parks, gardens, waterfronts, and urban plazas to create functional, sustainable, and aesthetically pleasing environments.

Environmental and Sustainability Engineering

Environmental and sustainability engineers draw from the science of biology, chemistry, ecology, and hydrology, to devise sustainable solutions to improve our quality of life, while maintaining a clean and healthy environment.

Architecture

Architects plan the future as well as design places for purpose and inspiration.

Materials Science and Engineering

Materials engineers design, develop, and enhance materials to solve challenges in technology, sustainability, and everyday life, enabling advancements across industries.

Civil Engineering

Civil engineers plan, design, construct, maintain, and operate a liveable city while ensuring human safety, climate resilience, and environmental sustainability.

Infrastructure and Project Management

Project managers apply their knowledge in the areas of engineering, management, finance, and law to manage a variety of construction and infrastructure projects and systems in the built environment and other sectors.

Computer Engineering

Computer engineers design and build computing systems at all scales, from microcircuits to large-scale intelligent systems. They innovate in energy-efficient devices, advanced communication networks, and smart technologies, driving digital transformation across industries globally.

Electrical Engineering

Electrical engineers are innovators and problem solvers who design and optimise the systems powering modern technology. Their expertise advances communication networks, AI solutions, energy systems, and medical technologies, driving progress across industries like electronics, aerospace, and robotics.

Robotics and Machine Intelligence

Robotics engineers design, develop, and build robots and automated systems for a wide range of applications across industries such as defence, manufacturing, logistics, healthcare, and consumer electronics.

Engineering Science

Engineering scientists use mathematics and science to create practical solutions for complex problems that involve multiple areas of engineering.

Mechanical Engineering

Mechanical engineering is grounded in motion, force, and energy, equipping engineers with versatile skills to design mechanical systems, intelligent machines, and sustainable solutions across industries.

Industrial and Systems Engineering

Industrial and systems engineers solve problems in multiple domains, backed by scientific approaches in data analytics, systems modelling, decision-making, and management.

Biomedical Engineering

Biomedical engineers turn engineering ideas into life-changing healthcare solutions, tackling the complexity of living systems through the combined power of engineering, biology, and medicine.

Chemical Engineering

Chemical engineers transform molecules and materials from nature, including living matter, into a wide range of products that shape our modern lives, from medicines and cosmetics products to fuels and computer chips.

Industrial Design

Industrial designers create new products, services, spaces, apps, experiences, and businesses that people need and love.

