Pathway PROfiles
Chemical Engineering

SIMPLY SCIENCE

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Chemical Engineering

Chemical Engineering is the branch of engineering that deals with the design, operation, and optimization of processes that convert raw materials into valuable products. It integrates principles of chemistry, physics, biology, and mathematics to develop efficient and sustainable industrial processes. Chemical engineers work in various industries, including pharmaceuticals, energy, food, and materials.

University/College	Country	Degree Offered	Entry Requirements	Application Process	Special Conditions/Notes
Imperial College London	UK	MEng Chemical Engineering	A-Level: A*AA (including Maths and Chemistry)	UCAS	No special conditions.
University of Cambridge	UK	MEng Chemical Engineering	A-Level: AAA (including Maths and Chemistry)	UCAS	Interview required.
University of Edinburgh	UK	MEng Chemical Engineering	A-Level: AAA (including Maths and Chemistry)	UCAS	No special conditions.
University of Manchester	UK	MEng Chemical Engineering	A-Level: AAB (including Maths and Chemistry)	UCAS	No special conditions.
Queen's University Belfast	Northern Ireland	MEng Chemical Engineering	A-Level: AAB (including Maths and Chemistry)	UCAS	No special conditions.
University College Dublin (UCD)	Ireland	BE Chemical & Bioprocess Engineering	Irish Leaving Cert: H4 in Maths and Chemistry	CAO	No special conditions.
University of Strathclyde	UK	MEng Chemical Engineering	A-Level: AAB (including Maths and Chemistry)	UCAS	No special conditions.
University of Birmingham	UK	MEng Chemical Engineering	A-Level: AAB (including Maths and Chemistry)	UCAS	No special conditions.
University of Nottingham	UK	MEng Chemical Engineering	A-Level: AAB (including Maths and Chemistry)	UCAS	No special conditions.
University of Limerick	Ireland	BEng Chemical & Biochemical Engineering	Irish Leaving Cert: H4 in Maths and Chemistry	CAO	No special conditions.

**Please check all current entry requirements with the universities.

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