Product Design Engineering

University of Strathclyde

Content

Product design engineering is an exciting industry that continually evolves alongside technology, product advancements, the demand for quicker turnaround times, unique and personalised products, and environmentally friendly supply chains and production.

Product design engineering blends a more technical engineering focus (such as mechanics, electronics, maths, engineering calculations of a products' design) with design principles, user experience, and technology to create new functional products or develop existing ones that can then be sold in competitive markets.

Year 1: study Engineering Mechanics, Production Engineering and Management, Maths and Design.

Year 2: focus on engineering materials, electrical and electronic engineering, design and manufacturing, production techniques, design and heat and flow.

Year 3: topics include product development, product programming, mechatronics design and applications, engineering design, production techniques; option to study abroad.

Year 4: individual project and industry-based product development team project; advanced design classes.

Year 5 (MEng only): individual project, industrial group project, research dissertation and selection from advanced modules in design engineering, production and engineering management.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H770

Course Length

5 years

Faculty

Faculty of Engineering

Department

Design, Manufacture and Engineering Management

Entry Requirements

2027 entry requirements

Standard entry:
4 Highers at AAAA including Maths and Engineering Science or Physics plus English at National 5 (Higher preferred). Higher Art and Design, Design and Manufacture or Graphic Communication recommended.

Widening access entry:
4 or 5 Highers at ABBB or BBBBB including Maths and Engineering Science or Physics plus English at National 5 (Higher preferred). Higher Art and Design, Design and Manufacture or Graphic Communication recommended.

A Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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