

Sports Design Engineering

University of Strathclyde

Content

Sports Design Engineering concentrates on the conception, design and manufacturing of sporting equipment. Sports engineers work in nearly every sport, creating designs that meet specialised specifications to improve athlete performance, safety and sports product durability.

For example, sports engineers could be involved with projects as diverse as designing new high specification football boots or fitness monitoring and improvement products, match and playing surface analysis equipment to developing image processing algorithms which act as analytical tools to determine strategic instances in a game.

The background University of Strathclyde students gain in biomechanics also makes careers in medical device development and design a viable career route which is an exciting area due to the new and emerging sports and widening participation in sports for example prosthetics and guidance for partially sighted.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

CH64

Course Length

4 years

Faculty

Faculty of Engineering

Department

Design, Manufacture and Engineering Management

Entry Requirements

2026 entry requirements

Standard entry:

4 Highers at AAAB 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 Highers at BBBB 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

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

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