



PRODUCT DESIGN



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What the Course Covers

Design and Innovation: You will learn to apply the principles of product design to create aesthetic and ergonomic commercial products.

Technical Skills: The course involves using modern facilities to test and create 3D models of products using hand sketching, CAD, and 3D model making techniques.

Coursework: A major component of the course is a significant project where you design and develop a product or structure.

Transferable Skills: You will develop key skills such as technical ability, presentation skills, innovation, adaptability, collaboration, and communication.

Enrichment Opportunities

Museums & Galleries for Design Inspiration

Design Museum (London):

Houses exhibitions on contemporary design across various forms.

Victoria and Albert Museum (V&A) (London):

Offers vast collections of decorative and applied arts, with a focus on textiles, furniture, and architecture, plus workshops.

The Crystal (London):

An urban sustainability center providing insight into innovative design.

Related Higher Education Courses

Focus: These degrees, offered as either a Bachelor of Arts or Bachelor of Science, focus on a blend of creativity, aesthetics, and user-centered design principles. BA courses typically have a stronger emphasis on creative and human-centered aspects, while BSc courses often include a more technical, scientific component.

A-LEVEL

Residential Opportunity

London

As a global design hub, London has many residential trip options for Product Design students who study at Childwall Sports and Science Academy.

Design and Technology Trip:

A visit to the Nissan Innovation Station, Sky Skills Studio, and The Crystal to explore technology and engineering.

London Museums:

Design trips focused on design and technology with visits to the Design Museum and Victoria and Albert (V&A) Museum, which also runs workshops.

Museum of Brands:

Offers a residential workshop focusing on graphic design and packaging, allowing students to study the evolution of product branding.

Future Careers

Technology: Companies like Meta, Deliveroo, and Revolut frequently hire product designers.

Consumer Goods: Opportunities exist in companies that produce items for everyday use, such as kitchen appliances or furniture.

Automotive & Aerospace: These sectors also rely on product designers for designing new

Work Experience Opportunities

Airbus: Offers schemes and placements in areas like design and manufacturing engineering.

Aston Martin: Provides design industrial placements, where you can work on initial concept ideas and 3D modelling for the automotive industry.

Dyson: Offers placements in its R&D departments.

ENGAGE, ENABLE, EMPOWER