

SUSTAINABLE PRODUCT DESIGN AT FALMOUTH

WELCOME TO BA(HONS) SUSTAINABLE PRODUCT DESIGN AT FALMOUTH.

You are joining a unique course within the School of Architecture, Design and Interior (SADI) that will challenge you to develop future design solutions that will shape the world we live in, for the better, for everyone.

Sustainable Product Design (SPD) is at the forefront of Sustainable Design thinking and practice and is one of the only courses of its kind in the UK. The course facilitates a unique educational experience that situates you at the heart of your learning, supported by a creative studio environment, experienced staff, live industry briefs, expansive workshop facilities and industry-level digital manufacturing equipment.

Falmouth's innovative learning environment and modern curriculum will deliver the network, professional edge and industry insight to prepare you for employment.

Your offer

If you have a conditional offer, your place is subject to meeting those conditions. This means we're waiting to receive your results or some more information before your place can be finalised. You can see these conditions using UCAS Track <https://trackucas.com>

If you need to ask us anything about your offer, get in touch with our Admissions team on 01326 213730, use Live Chat on our website or email admissions@falmouth.ac.uk.

First week of term

The new academic year commences on **Monday 18th September 2017** at **9.00am**. Please come to **Studio 2** in the **Sustainable Product Design Studio, Falmouth Campus**.

This is the week when you'll meet your course mates, course tutors and the university staff. There will be important inductions for both the course and the wider university, in addition to a number of social activities. You will also be given course outlines and timetables.

You can download a copy of the [Penryn Campus map](#) or the [Falmouth Campus map](#) from the Contact page of our website [here](#).

MyTimetable

<https://mytimetable.falmouth.ac.uk/> available from 14 September 2017

This is the link to MyTimetable, your online academic calendar which shows all scheduled learning activities and your course timetable. It will be available from 14 September 2017, however, timetables can be subject to change. To keep up to date, we recommend that you export the feed to your chosen device (mobile, tablet, laptop or desktop). An induction will be offered on the use of MyTimetable during Freshers 2017. Students have access to their

individual student timetables, once they have completed their online enrolment and IT induction.

Pre-course preparation

Project

Essential

Please complete the following project before term starts, to get you expressing your creativity and design skills. The project is designed to be short and fun, with the emphasis on creative thinking and making.

Project title

Desert Island Objects

Context

Desert Island Discs was created by Roy Plomley in 1942, and the format is simple: a guest is invited to choose the eight records they would take with them to a desert island.

You are joining a talented and diverse group of designers, makers and creative thinkers on the Sustainable Product Design Course in Falmouth this September. You are all about to embark on a journey and are mentally and physically preparing to pack; selecting objects that are both useful in terms of function, but also objects with links to your other important lives, friends, family or places.

Objects are often embodied with, or develop, narrative through their lifetime, acting as vessels that communicate value systems, ideas and memories. Often we assign meaning to objects, raising their importance and elevating them in status beyond many more expensive items we purchase.

In the search for more durable objects it is important to investigate this relationship so we can better understand what objects people really need.

The Brief

Design and make an object that you would take to your desert island.

Design an A6 sized postcard from your desert island.

Consider what is meant by the term 'desert island'; it could be culturally empty or it might be a future world where oil has run out, for example. Use the A6 postcard to illustrate and communicate your vision of this place, and design an object that you would want to have in this place. Consider the function of your object in the broadest sense and develop a reason why it would be important.

Post your postcards to the following address, for delivery by Friday 8 September 2017:

FAO: Mr Drummond Masterton
Head of Sustainable Product Design
Falmouth University
Falmouth Campus

Cornwall
TR11 4RH

Please bring all your work from this project to the Sustainable Product Design Studio on Monday 18 September. You will have the opportunity to discuss your thinking for the project during the induction week.

Aims

- To act as an introduction topic between you and your fellow students and tutors
- To communicate your personal interests in design through creative thinking and making

Presentation Format

- One 3D object
- A6 postcard, posted to the address above.
- Sketchbook to document design process including:
 - Inspirational images and research
 - Design development through a series of sketches

This project should cost you no more than £10 to complete, and could be much less, depending on the materials you choose and how resourceful you are. Recycling and reuse are encouraged.

Reading

Optional

The following books offer a wide range of perspectives on the modern world of design and highlight creative thinking that we encourage on the course:

Dunne, A. & Raby, F., 2014. *Speculative everything: design, fiction, and social dreaming*. MIT Press. RRP £16.56.

Manzini, E. & Coad, R., 2015. *Design, when everybody designs: an introduction to design for social innovation (design thinking, design theory)*. MIT Press. RRP £15.88.

Thackara, J., 2015. *How to thrive in the next economy: designing tomorrow's world today*. Thames and Hudson. RRP £15.88.

McDonough, W. & Braungart, M., 2013. *The upcycle: beyond sustainability – designing for abundance*. North Point Press. RRP £29.46.

Tuition fees (per year)

2017-18 full-time UK/EU: £9,250

2017-18 full-time International: £15,000

During your course

Product Design is a discipline that develops professional level vocational skillsets. In order to learn and refine these you will be required to purchase specialist equipment, digital tools and pay for access to networking and industry events. These expenses are not insignificant, but will provide an excellent set of equipment and experiences that will support your three years of study with us, as well as your future career as a designer.

You may have many of the items listed already. Please refer to the information below and the equipment list before purchasing.

Materials and equipment list and costs

Essential

The materials and equipment list details what we recommend as a starting point. Over your three years of study you will develop specific interests and can expand the tools as you require.

a) Personal Protective Equipment (PPE):

Your safety is paramount and you will need to buy compulsory PPE to use our workshops.

Please ensure the items you purchase match the specifications listed below:

- Honeywell safety specs (W2004623), approximately £6.69.
- 3M 4255 vapour and particle respirator (W325111), approximately £27.08.
- Roebuck ear defenders (W1010897), approximately £6.11.

b) Workshop toolkit

- 5 Metre metal tape measure, approximately £4.45.
- Retractable Stanley knife and blades, approximately £6.
- 300mm Combination Square with level, approximately £9.34
- 150mm Vernier gauge (Manual or Digital), approximately £19.44
- 150mm Steel Set Square, approximately £5.91
- Enginners scribe, approximately £2.09

c) Drawing and model making kit

- A6 Notebook and A3 sketchbooks, approximately £14.49.
- A3 layout pads and tracing paper, approximately £14.08.
- 12" Safety Steel ruler, approximately £2.80.
- A3 Cutting mat, approximately £5.10.
- Swann-Morton safety scalpel and 10A blades(4packs), approximately £6.99.
- Graphite and colour pencils, fineliner pens (0.3 mm, 0.5 mm, 0.7mm), Letraset Tria markers (Tonal range of 3), approximately £23.50.
- UHU glue(20mltube), approximately £1.80.
- SprayMount(400ml), approximately £16.99.
- 3M Masking tape (25mm), approximately £1.55.
- Double sided tape (12mm), approximately £4.63.

d) Computing equipment

The course strongly recommends using a laptop. The 3D CAD software is designed for Windows operating platforms. The use of a dual boot OS is required if using an Apple laptop. Prices will vary depending upon personal preference. Budget at least £600 for the following specification:

- Operating System: Windows 8.1, or Windows10 64bit, or Apple OS X with dual boot version of Windows installed using bootcamp, more information can be found on the apple website.
- Processor: Core i5 or i7, 2.5GHZ or above.
- RAM: 8GB Minimum, 16GB recommended.
- Graphics: Dedicated graphics cards with 2GB RAM.
- Storage: 250GB - 1 TB Storage capacity.

- Screen size: 14" or larger

e) Software

Students on the course become proficient in the use of industry standard software including:

- Office 365, free through the university.
- Adobe Creative Cloud for Students, approximately £16.44 per month.
- Autodesk Product Design Suite, Fusion360, Inventor and Alias Design, provided free through educational license agreement using your Falmouth email.

Reading list and costs

Essential

The following books offer a good introduction to some of the latest sustainable design thinking and practice and are key textbooks.

Fuad-Luke, A., 2009. *The eco-design handbook*. Thames & Hudson. RRP £14.86.

McDonough, W. & Braungart, M., 2009. *Cradle to cradle. Remaking the way we make things*. Vintage. RRP £8.99.

Julier, G., 2013. *The culture of design*. Sage Publishing Ltd. RRP £25.99.

Study trips and costs

Study trips provide a key cultural and creative enrichment opportunity to your educational experience and provide tangible examples of design in a professional context. Visits are planned to significant national and European design events that are amongst the largest and most vibrant of their kind. Local day visits help students to understand the environment, heritage and business landscapes that they study and design in. Payments are made in staged amounts using our online payment portal.

Essential

Local visits

A series of site visits to local design and production companies who hold expertise in boats, furniture, bicycles and engineering will provide opportunities for learning, networking, and exposure to design employment and fabrication opportunities. Also, visits to local museums and industrially significant locations in Cornwall will provide a contextual understanding of the county and its significance in the industrial world.

Optional

An optional five-day study trip to the Stockholm Design Week in Sweden is being organised for February 2018, and is anticipated to cost around £400. "Stockholm Design Week is the world's largest meeting place for Scandinavian Design. The main event is Stockholm Furniture & Light Fair which attracts around 40,000 visitors and 700 exhibitors from all around the world. The entire city of Stockholm gets involved. During Stockholm Design Week the city is filled with high-profile design events, showrooms and exhibitions all week long." You will be involved in the planning and discussions about the itinerary of the trip. Regular staged payments will be arranged to help manage your finances. www.stockholmdesignweek.com

Mentor support

Please register with the following private Facebook groups to keep up-to-date, get to know your mentors and peers, ask questions and receive updates from your tutors:

<https://www.facebook.com/groups/sustainableproductdesignfalmouth17.20/>
www.facebook.com/groups/FalmouthSPD

Enrolment and Student Terms & Conditions

You'll get an email two weeks before the start of term telling you how to enrol online. You'll need to enrol before the first day of term to officially register as a student of Falmouth University and receive an undergraduate student loan.

When you enrol, you'll need to agree to and comply with the University's Student Terms & Conditions. These Terms & Conditions are important and we encourage you to read them carefully, before enrolling. You can find them under 'Student Terms & Conditions' on our [website](#).

Over the next few weeks we'll email you more important information about your course and life at Falmouth. If you're going to be away or out of contact, make sure you ask someone to check your emails and reply on your behalf.

We know all of this can seem overwhelming and preparing for your course can involve a lot. So we're here to help. If you have any questions at all, just get in touch with Admissions on 01326 213730, use Live Chat on our website or email admissions@falmouth.ac.uk.

Finally, we wish you an enjoyable and creative time before the course starts and we're looking forward to welcoming you to Falmouth in September.

Yours sincerely

Drummond Masterton

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Falmouth University

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