



## Course Information Sheet for entry in 2018-19

### DPhil in Renewable Energy Marine Structures (EPSRC Centre for Doctoral Training)

#### About the course

The DPhil in Renewable Energy Marine Structures provides graduates with the opportunity to develop in-depth knowledge, understanding and expertise in the design and development of renewable energy marine structures. The programme provides a comprehensive state-of-the-art training encompassing taught modules and advanced research based in the University laboratories.

The Centre for Doctoral Training (CDT) is run in collaboration with Cranfield University though you will be based in the Department of Engineering Science at the University of Oxford for the majority of your degree. The main area of interest at Oxford is in geotechnical engineering, though applicants working in the wider area of civil engineering with applications to renewable energy marine structures are also welcomed.

The first year of the course focuses on developing core skills in offshore engineering through both taught courses at Cranfield and individual research. From October to December you will complete an induction term at Cranfield University where you will take introductory taught courses, across the breadth of design for renewable energy marine structures, including a group design project. This will develop a broad knowledge base on which to build your advanced research from. You will also develop links with the students enrolled through the Cranfield stream of the CDT. You will begin individual research from January, as preparation for your main research project. During this time, you will meet your supervisor regularly to assess progress and discuss academic issues. You will also continue with the group project, which will normally be completed by the end of April of the first year.

Following the second term you will have access to a range of advanced skills, transferable skills and management/leadership skills modules that will be taught at Cranfield University. These will be completed according to a flexible timetable agreed with your main research supervisor to complement your research activities. The advanced skills modules will include structural design, structural integrity, manufacturing, fluid mechanics and geotechnical engineering. Transferable skills will include academic writing and presentation, research ethics, IP, teamwork and communication skills. Leadership skills will include aspects of management, strategy, operations and entrepreneurial skills. The main focus of activity following the second term will be the individual research project, which will be based at the University of Oxford.

You will integrate with both the CDT cohort and the Engineering Department, principally Civil Engineering, at Oxford, where you will attend research seminars to discuss research papers, to present your research, to rehearse conference talks, and to build links between different research areas. An annual CDT workshop will give you the opportunity to present research to other CDT students, industrial partners and invited researchers from other universities. Industrial collaborators will be invited to share their latest problems and to highlight market trends.

You will be assessed continually through the first year during the taught courses and the group project, as well as from the individual project. Following the completion of four terms, including the induction term, the CDT supervisors will formally assess whether sufficient progress has been made to continue with the research. You will be required to write a research report, to give an oral presentation, as well as to present a detailed and coherent plan for your future research. Progress towards completion is again formally assessed during the eighth term of study. For the DPhil, you will be required to submit a substantial thesis which is read and examined by experts in the field, one from the department and one from elsewhere. Often the thesis will result in the publication of several journal and conference papers.

#### Changes to courses

The University will seek to deliver this course in accordance with the description set out above. However, there may be situations in which it is desirable or necessary for the University to make changes in course provision, either before or after registration. For further information, please see the University's Terms and Conditions.

#### Expected length of course

4 years

## Costs

### Annual fees for entry in 2018-19

Fee status	Tuition fee	College fee	Total annual fees
Home/EU (including Islands)	£4,260	£3,112	£7,372
Overseas	£19,915	£3,112	£23,027

The fees shown above are the annual tuition and college fees for this course for entry in the stated academic year; for courses lasting longer than one year, please be aware that fees will usually increase annually. Information about how much fees and other costs may increase is set out in the University's Terms and Conditions.

Tuition and college fees are payable each year for the duration of your fee liability (your fee liability is the length of time for which you are required to pay tuition and college fees).

Graduate students who have reached the end of their standard period of fee liability may be required to pay a termly University and/or a college continuation charge.

The University continuation charge, per term for entry in 2018-19 is £468, please be aware that this will increase annually. For part-time students, the termly charge will be half of the termly rate payable by full-time students.

If a college continuation charge applies (not applicable for non-matriculated courses) it is likely to be in the region of £100 to £400 per term. Please contact your college for more details.

### Additional cost information

Over the course of your studies you will be required to attend study modules at Cranfield University for approximately 20 weeks in total. You will need to pay your own accommodation and food costs while attending modules at Cranfield University. Accommodation over the 4 year course is expected to total around £6,000. You will also be expected to fund your travel costs to and from Cranfield University. Travel costs from Oxford to Cranfield over the 4 year course are expected to be around £450 in total, but will depend on individual circumstances. In the first year of the programme, to avoid duplication of costs, you will be advised to take accommodation in Oxford from the January after the programme commences having spent the first term of the programme living accessibly for the period of study at Cranfield. If you are awarded a fully funded place on the programme (eg an RCUK studentship or an industrially sponsored award) you will receive a stipend/funding in relation to your living expenses which you should manage accordingly.

## Living costs

In addition to your tuition and college fees, you will need to ensure that you have adequate funds to support your living costs for the duration of your course.

The likely living costs for 2018-19 are published below. These costs are based on a single, full-time graduate student, with no dependants, living in Oxford. We provide the cost per month so you can multiply up by the number of months you expect to live in Oxford.

	Likely living costs for 1 month		Likely living costs for 9 months		Likely living costs for 12 months	
	Lower range	Upper range	Lower range	Upper range	Lower range	Upper range
<b>Food</b>	£258	£361	£2,318	£3,245	£3,090	£4,326
<b>Accommodation</b>	£536	£677	£4,824	£6,093	£6,432	£8,124
<b>Personal items</b>	£118	£263	£1,066	£2,364	£1,421	£3,152
<b>Social activities</b>	£41	£123	£369	£1,105	£492	£1,474
<b>Study costs</b>	£39	£85	£348	£765	£464	£1,020
<b>Other</b>	£22	£47	£202	£419	£269	£559
<b>Total</b>	£1,014	£1,556	£9,127	£13,991	£12,168	£18,655

When planning your finances for any future years of study at Oxford beyond 2018-19, you should allow for an estimated increase in living expenses of 3% each year.

More information about how these figures have been calculated is available at [www.graduate.ox.ac.uk/livingcosts](http://www.graduate.ox.ac.uk/livingcosts).