

## Course Information Sheet for entry in 2016-17

### PGCert in Nanotechnology

#### About the course

The online Postgraduate Certificate (PGCert) in Nanotechnology offers a nine-month introduction to the subject for those seeking a thorough grounding in the science and application of nanotechnology.

The PGCert in Nanotechnology is a unique online, part-time course aimed at professionals from a diverse range of backgrounds who wish to learn more about the foundations of nanotechnology, technological advances and the applications it enables.

The course has been developed to introduce fundamental material essential to the understanding of nanotechnology. Its content has been designed to enhance career development that is recognised and accepted within industry, and there are opportunities to access cutting-edge research and current practice in a wide range of nanotechnology topics.

The course can be taken from anywhere in the world by those seeking a solid foundation in nanotechnology. Its modular structure provides flexibility while a tutor-led approach lends cohesion and depth to the distance learning experience which has been tailored to enable busy people in full-time employment to study.

The PGCert in Nanotechnology comprises three modules:

#### The Wider Context of Nanotechnology

This module introduces the core principles and background to nanotechnology, along with the social, environmental and regulatory contexts within which nanotechnology enterprises operate.

#### The Fundamental Science of Nanotechnology

This module covers the essential core principles that determine the length-scale effects that constitute nanoscale phenomena.

#### Fundamental Characterisation for Nanotechnology

This module provides an introduction to the characterisation techniques that can be utilised to determine the properties and the successful production of materials and structures at the nanoscale.

The modules present difficult concepts in an engaging way and introduce the most commonly used and most important analytical, quantitative and experimental methods in nanotechnology. The content of each module contains up-to-the-minute thinking and reflects the University of Oxford's world-leading research in nanotechnology.

Each module lasts for seven to ten weeks, corresponding approximately to the University of Oxford's term calendar. The modules are taught through a blend of independent study of online learning materials and group work which takes place during discussions and research, as well as weekly live



online tutorials. At the end of the third module you will attend a residential weekend in nanoscale materials characterisation based at the University of Oxford's Begbroke Science Park.

To complete the PGCert in Nanotechnology students must:

complete three mandatory modules;

attend a compulsory visit to the Oxford facilities; and

successfully complete a portfolio of assignments (written reports, problem sheets and presentations) for each of the modules.

This flexible programme is delivered by Begbroke Science Park and the Department for Continuing Education's Continuing Professional Development Centre. The online components are delivered through a bespoke virtual learning environment and Adobe Connect, which are supported by a dedicated IT support helpdesk.

### **Changes to courses**

The University will seek to deliver each course in accordance with the descriptions 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**

9 months

### **Annual fees for entry in 2016-2017**

Fee Status	Tuition fee	College fee	Total annual fees
Home/EU (including islands)	£7,650	N/A	£7,650
Overseas	£7,650	N/A	£7,650

The fees shown above are the annual tuition fees for this course for entry in the 2016-17 academic year; for courses lasting longer than one year, please be aware that fees will usually increase annually. For details, please see our guidance on likely increases to fees and charges. College fees are not generally payable for non-matriculated courses although a small number of courses may permit college affiliation for which a charge will be made.

Tuition 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 fees).

### **Additional cost information**

This course has residential sessions in Oxford so you will need to meet any travel and accommodation costs you may incur in attending these sessions.

## Living costs

**In addition to your 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 2016-17 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>	£265	£298	£2,384	£2,673	£3,177	£3,565
<b>Accommodation</b>	£469	£667	£4,221	£6,002	£5,627	£8,006
<b>Personal items</b>	£119	£244	£1,073	£2,187	£1,429	£2,915
<b>Social activities</b>	£60	£107	£539	£960	£718	£1,280
<b>Study costs</b>	£36	£73	£314	£661	£418	£880
<b>Other</b>	£19	£44	£197	£410	£265	£547
<b>Total</b>	£970	£1,433	£8,727	£12,894	£11,636	£17,191

When planning your finances for any future years of study in Oxford beyond 2016-17, you should allow for an estimated increase in living expenses of 2% each year.

More information about how these figures have been calculated is available at [www.ox.ac.uk/admissions/graduate/fees-and-funding/living-costs](http://www.ox.ac.uk/admissions/graduate/fees-and-funding/living-costs).

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