

## Course Information Sheet for entry in 2019-20

### 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. 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 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**

10 months

## Costs

### Annual fees for entry in 2019-20

Fee status	Annual Course fees
Home/EU (including Islands)	£8,440
Overseas	£8,440

The fees shown above are the annual course fees for this course, for entry in the stated academic year.

Course fees cover your teaching as well as other academic services and facilities provided to support your studies. Unless specified in the additional information section below, course fees do not cover your accommodation, residential costs or other living costs. They also don't cover any additional costs and charges that are outlined in the additional cost information below.

Course 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 course fees). 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.

### 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 course fees, you will need to ensure that you have adequate funds to support your living costs for the duration of your course.

If you are studying part-time your living costs may vary depending on your personal circumstances but you must still ensure that you will have sufficient funding to meet these costs for the duration of your course.

The likely living costs for 2019-20 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	£371	£2,387	£3,342	£3,183	£4,456
<b>Accommodation</b>	£566	£739	£5,093	£6,655	£6,790	£8,874
<b>Personal items</b>	£122	£271	£1,098	£2,435	£1,464	£3,246
<b>Social activities</b>	£42	£126	£380	£1,138	£506	£1,518
<b>Study costs</b>	£40	£88	£359	£788	£478	£1,051
<b>Other</b>	£23	£48	£208	£432	£277	£576
<b>Total</b>	£1,058	£1,643	£9,525	£14,790	£12,698	£19,721

When planning your finances for any future years of study at Oxford beyond 2019-20, 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).