

## **Provision for Graduate Research Students in the Department of Engineering Science**

The purpose of this statement is to indicate what a graduate research student might expect to be offered in the Department of Engineering Science. It is expected that during a graduate's first term at Oxford, each graduate student and their supervisor will discuss the statement of provision, and the departmental Director of Graduate Studies will confirm to the Division that the statements of provision have been discussed with research students in their departments. The provision should be reviewed by the supervisor with the student at least once a year.

Further information and guidance about research degrees may be found in the University's Notes of Guidance for Research Degrees at <http://www.admin.ox.ac.uk/edc/ga/policies>

### **1. What arrangements will be put in place for supervising the graduate's work?**

You will have a named supervisor or supervisors, normally as indicated in your offer letter, who will have overall responsibility for the direction of your work on behalf of your department. Typically, you should expect to have meetings with your supervisor or a member of the supervisory team with a frequency of at least once a fortnight averaged across the year. The regularity of these meetings may be subject to variations according to the time of the year, and the stage you are at in your research programme.

The Division's Code of Practice on the Supervision of Graduate Research students is available at <http://www.mpls.ox.ac.uk/intranet/teachingandlearning/graduateprog.html>

### **2. What induction arrangements will be made?**

You will have departmental induction which takes place at the beginning of your first term. The main induction to the department is provided at the start of Michaelmas Term. Other arrangements will be made for students starting at other times of the year. Your supervisor(s) will arrange more specialised induction subsequently.

### **3. What workspace will be provided?**

Workspace will be related to individual circumstances. If undertaking experimental work, you will be provided with bench space in a laboratory. If undertaking theoretical research, you will have shared office space.

### **4. What IT support/ library facilities/ experimental facilities will be available?**

You will have access to the Engineering Computing Support Group, the Radcliffe Science Library and other university libraries (and the centrally provided electronic resources) and experimental facilities are available as appropriate to the research topic. The provision of other resources specific to your project should be agreed with your supervisor as a part of the planning stages of the agreed project. The Department also has a number of workshops and there is a Teaching and Design Support Group, which provides advice on design to research groups.

### **5. Which research training and seminars will be available?**

For research students a range of courses are available. Departments provide a mixture of formal research training sessions and informal training through working with your supervisor or in your research group. Some of these courses may be assessed. The division is developing further cross-disciplinary provision for key research skills, to share research training expertise and skills across the division.

The Graduate Academic Programme identifies a need to provide advanced courses in core techniques, e.g. in (non-linear) mathematical modelling, computer programming, and data analysis, in addition to courses introducing specific areas of research. Research seminars are available within individual research groups; department research groups; across the Division and in other divisions.

You will have access to the seminars that individual research groups or groups with common areas of interest organise for their own members and others. You will also have access to the other departmental seminars and colloquia.

Information about all available research training and seminars can be found at <http://www.mpls.ox.ac.uk/gap/>

## **6. What access to research funds will be available?**

You will find that limited departmental funds are available to assist with attendance at conferences, in addition to any allocated funds via individual research group/supervisors. There is also a departmental scheme of support for the purchase of computers to ensure that every research student is provided with the computing facilities required to undertake relevant research activities.

## **7. What formal graduate skills training will be provided?**

The Graduate Academic Programme brings together all the training available to graduate research students in MPLS, which means that you have access to a very large number of courses. These include academic courses, research, teaching, transferable skills and career development training. With access to all these courses, you and your supervisor are able to tailor a training programme to suit your individual needs and interests.

The MPLS Division also organises courses and career planning events, details of which are emailed to students via their departments. These skills are taught in the context of the students' own current interests and needs. The Graduate Supervision System (GSS) allow students to reflect on their development and progress, and to record skills training needs and training attended.

Information about transferable skills training, and courses provided by your department, and the other departments in MPLS can be found at <http://www.mpls.ox.ac.uk/gap>

A list of courses is also available in the division's skills training handbook. These courses are organised by the MPLS Division and make up part of the MPLS Graduate Academic Programme (GAP).

If it is considered beneficial to their research, graduate students may attend relevant fourth year engineering lectures. Any graduate student interested in doing so should contact the lecturer in advance of the first lecture.

## **8. What opportunities will be available for developing and practising teaching skills (for second and third year graduates)?**

The department provides training in teaching skills, and there are opportunities to take part in teaching activities in the department, such as undergraduate classes and laboratory demonstrating, and tutorial teaching in colleges.

## **9. What arrangements for accommodation, meals and social facilities, will be made, on a year round basis?**

### **Department:**

Research students can use the departmental cafeteria on the Parks Road site. This encourages interaction between research groups in the department. Departmental seminars and colloquia bring research students together with academic and other research staff in the department to hear about on-going research, and provide an opportunity for networking and socialising. Details of such events are circulated by email and in the Departmental Bulletin.

### **College:**

Many colleges will be able to provide you with at least one year's accommodation. Generally speaking your college will provide meals throughout the year, but provision will vary from college to college, especially during vacations, and you will need to familiarise yourself with your college's detailed arrangements. In addition there are usually self-catering facilities available in graduate accommodation. You will be a member of the Middle Common Room, or equivalent, of your college, which is the main social centre for graduates. The MCR provides a common room and usually organises a programme of social events throughout the year. The college will also provide a bar, some computing facilities and a library, and may often have dedicated funds for research (conference and field grants). It also represents the interests of its members to the college through an elected Committee or through elected representatives to College Committees. Again, details will vary from college to college. Graduates are also welcome to participate in all other social and sporting activities of the college. Please see individual college websites for further details about all aspects of college provision.

### **Central:**

Graduate Research Students may become members of the University Club in Mansfield Road, and participate in the range of sporting activities provided by the University.

## **10. What arrangements are in place for pastoral and welfare support?**

### **Department:**

Within the Department, your supervisor, Director of Graduate Studies and Academic Administrator are all available to offer support. The Joint Consultative Committee, which includes both undergraduate and graduate student representation, provides a channel through which graduate students' views and concerns can be brought to the attention of the Postgraduate Studies Committee on which there is also graduate student representation.

### **College:**

There is an extensive framework of support for graduates within each college. Your college will allocate to you a College Advisor from among its Senior Members, usually in a cognate subject, who will arrange to see you from time to time and whom you may contact for additional advice and support on academic and other matters. In college you may also approach the Tutor for Graduates and/or the Senior Tutor for advice. The Tutor for Graduates is a fellow of the college with particular responsibility for the interests and welfare of graduate students. In some colleges, the Senior Tutor will also have the role of Tutor for Graduates. Each college will also have other named individuals who can offer individual advice. The University also has a professionally staffed confidential Student Counselling Service which offers assistance with personal, emotional, social and academic problems.

### **Central:**

The University provides a Careers Service (<http://www.careers.ox.ac.uk/>) and a Student Counselling Service (<http://www.admin.ox.ac.uk/shw/counserv.shtml>).