**MPLS Graduate Training: courses and other activities to support core skills development**

|  |  |  |
| --- | --- | --- |
| **Core skill and standard** | **Training courses available****Please see** [**https://www.mpls.ox.ac.uk/training/courses#all**](https://www.mpls.ox.ac.uk/training/courses#all) **for details of divisional courses** | **Other suggested activity** |
| Writing1. Able to write a thesis to a good standard2. Coherent, purposeful, structured, critical writing3. (In later years) Able to write to the standard of lead author on journal article / funding application | MPLS Division: Scientific Writing Core SkillsScientific Writing: Getting your Paper Published | Make sure you write something for your supervisor early |
| Research Ethics and IntegrityAble to design, carry out, and report on research to meet the ethical and integrity standards of the discipline (s) | MPLS Division: Discipline specific online courses: [https://weblearn.ox.ac.uk/portal/site/:skills:ricourses](https://weblearn.ox.ac.uk/portal/site/%3Askills%3Aricourses)  | Work through the relevant online course a section at a time and reflect on how the content relates to your research context. Discuss this with your supervisor / colleagues. |
| Owning a Successful DPhil / Managing your SupervisorActively taking responsibility for the success of your DPhil | MPLS Division: Foundations for a Successful DPhil Managing your Supervisory Relationship One to one sessions | The graduate committee in your department will organise sessions about this kind of topic. Please contact them or your gradate secretary for details.  |
| Presentation skillsAble to communicate scientific ideas effectively within your discipline and engage with questions in a variety of contexts | MPLS Division:Introduction to Presentation Skills | Take opportunities to make presentations to small group to build up your confidence step by stepPractice with friends and colleagues before a presentation and get feedback |
| **Core skill and standard** | **Training courses available****Please see** [**https://www.mpls.ox.ac.uk/training/courses#all**](https://www.mpls.ox.ac.uk/training/courses#all) **for details of divisional courses** | **Other suggested activity** |
| Managing your DPhil projectAble to devise and maintain a comprehensive and up to date plan for completing your DPhil on time | MPLS Division:Foundations for a Successful DPhil How to Plan your PhD: (video) : [https://weblearn.ox.ac.uk/portal/site/:skills:researchers](https://weblearn.ox.ac.uk/portal/site/%3Askills%3Aresearchers)  |  |
| Completing your DPhil / Writing your Thesis and Viva PreparationViva preparationAble to complete a D.Phil that meets the requirements of the University’s examinations procedures(See guidelines for examiners: <https://www.mpls.ox.ac.uk/study/additionalinformation/examinations-for-higher-degrees> and <https://www.ox.ac.uk/students/academic/guidance/graduate/progression?wssl=1> Understand the formal requirements and purpose of the vivaUnderstand the formal processes and possible outcomesAble to employ strategies to prepare effectively | MPLS Division:Thesis and Report WritingCompleting your DPhil Viva Preparation  | Take opportunities to practice with peers and your supervisor and get feedback |

|  |  |  |
| --- | --- | --- |
| **Core skill and standard** | **Training courses available****Please see** [**https://www.mpls.ox.ac.uk/training/courses#all**](https://www.mpls.ox.ac.uk/training/courses#all) **for details of divisional courses** | **Other suggested activity** |
| Career development1. Have an awareness of the need to consider careers early in the DPhil2. Think and plan for the career at appropriate times during the DPhil | See the Careers Service: <http://www.careers.ox.ac.uk/> | Ideally these sessions will be delivered by your department. During year one you will find it useful to look ahead and consider your career as part of your DPhil plan. During your penultimate year you should be thinking and planning actively for your career. |
| Research BasicsYou will have the essential skills and training you need to be able to make timely progress in your discipline and department | Departments and supervisors will provide information, resources and training on the skills that are needed to meet the research standards required. These might include, but are not limited to:Keeping lab booksFinance – for example for field workResearch Data Storage and ManagementTechnical skillsUnderstanding the importance of doing reproducible / repeatable researchHow to make your research usefulThe scientific methodGood laboratory practiceLab safetyBasic StatisticsStatistical analysisProgrammingHealth and safety  |  |