

## TRANSFERABLE SKILLS WITHIN BIOCHEMISTRY COURSES IN THE NATURAL SCIENCES TRIPOS

Department	College
<i>Intellectual skills:</i>	
Lectures Practicals Examinations Dissertations Projects Seminars Journal Clubs Academic Societies	Supervisions Set essays Problems Academic Societies
<i>Problem Solving Skills:</i>	
Practicals Projects	Supervisions Supervisions
<i>Communication skills; oral, written and non-verbal (developing arguments using symbolic or mathematical language):</i>	
Listening in lectures Representation on Committees Writing essays Discussions of practicals Presentation of projects and papers Project or dissertation write-ups Applications for vacation or third year grants (e.g. Cambridge-MIT) Journal clubs	Supervisions (oral and written) Discussion and debate with peers Extracurricular activities
<i>Organisational skills:</i>	
Timetable management (balancing work and extra-curricular activities) Representation on Committees (leadership) Practical work (planning, teamwork, task management) Project or dissertation (planning, deadlines, teamwork) Examinations (planning, preparation) Arranging vacation work experience	Timetable management (balancing work and extra-curricular activities)
<i>Interpersonal skills</i>	
Practical work (team-working, negotiation of roles, flexibility, adaptability) Journal clubs and other group activities	Interact with a wide range of people Community and support for others Positions of responsibility (clubs and other activities)

<i>Research Skills; design and execution of experiments, use of sources, data management and interpretation, critical analysis and thesis construction</i>	
Practical work – specialist techniques Use of library and on-line resources to follow reading lists and supplement lectures Exercises / problem based learning Journal clubs Project	
<i>Numeracy</i>	
Data handling in practicals, projects and classes	Supervisions
<i>Computer literacy</i>	
CamTools resources On-line course materials Search scientific databases Search on-line library resources Use of search engines and web browsers Use of word-, imaging-. and data-processing software	Email Internet access
<i>Foreign language skills</i>	
University language centre is available for extra-curricular use	Support for self-access teaching