

## **BSP Structured Projects in Mathematical Modelling and Numerical Computation:**

### **Computing information**

#### **Installing MATLAB**

Matlab is freely available to undergraduates, you get the core MATLAB plus a few toolboxes. Details are at

<https://www.maths.ox.ac.uk/members/it/software-personal-machines/matlab>

#### **Installing and using LaTeX**

There is plenty of information at

<https://www.maths.ox.ac.uk/members/it/faqs/latex>

#### **Access to electronic resources from outside Oxford**

Oxford has a wealth of electronic resources, all easily accessible from within the Oxford network. If you want access from outside Oxford there are three possibilities.

(1) You can set up a Virtual Private Network (VPN), which will fool your computer into behaving exactly as if it were inside Oxford. For further details and instructions go to:

<http://www.oucs.ox.ac.uk/network/vpn/>

(2) For most library resources you will not need a VPN connection but you will need your Oxford username (abcd1234) and your usual webmail password. The best starting point is probably the Bodleian's e-resources page:

<http://www.bodleian.ox.ac.uk/eresources>

Go to SOLO for general searching or, if you know which database you want, straight to OxLIP+.

Example: suppose you want JSTOR, a useful general archive. Go to OxLIP+ then to 'J' in the alphabetical list then to JSTOR. At this point you will be asked for your username and password and can log in.

(3) If you know the resource you want you can go to it directly or via Google. If you google JSTOR, for instance, you will get its home page,

<http://www.jstor.org/>

When you log in you will be asked to select your home institution (way down the list under 'U' for University of Oxford) and then your Oxford username and password as in (2)