

The Queen's College, Oxford

NOTE FOR UNDERGRADUATES INTENDING TO READ BIOCHEMISTRY

There is no formal reading list in Biochemistry, but a list of suggested textbooks is given on the Biochemistry website <http://www.bioch.ox.ac.uk/aspsite/index.asp?pageid=422>.

For instance:

“Biochemistry” (2015) J.M. Berg, J.L. Tymoczko and L. Stryer, pub. W.H. Freeman;
or “Biochemistry” (2011) D. Voet and J.G. Voet, pub. Wiley.

“Molecular Cell Biology” (2012) H. Lodish, et al., pub. W.H. Freeman.
or “Molecular Biology of the Cell” (2014) B. Alberts et al., pub. Garland.

“Principles and Problems in Physical Chemistry for Biochemists” (2001) N.C. Price,
R.A. Dwek, R.G. Ratcliffe and M.R. Wormald, pub. Oxford University Press.

You may be able to get hold of second-hand versions of these text books which will be perfectly good. The college library has recent editions for your use when you arrive in Oxford.

You should continue to keep your Chemistry up to the mark, and ensure that your Mathematics is adequate. If you have not done A2 Mathematics, a booklet can be downloaded (see the letter from Dr Mark Wormald sent earlier) which illustrates the standard of Mathematics required by the end of the first year and provides problems and exercises to work through. If you have done *no* A Level Mathematics you will find courses available in Oxford, but obviously you will benefit from private preparation.

Web resources

As well as the Department of Biochemistry's own website <http://www.bioch.ox.ac.uk/aspsite/index.asp?pageid=422>, other websites contain material that may assist you in your preparation for the Molecular and Cellular Biology course.

For example, the Biochemistry Society website includes this page of resources:
<http://www.biochemistry.org/Education/Teachers/Biochemistrybooklets.aspx>

July 2016