

Suggested Reading, 1st Year Neuroscience

Students starting to study at QMUL often ask for information about recommended textbooks because their A-level courses typically followed one textbook. There are many ways in which studying at university is different from studying at school. For example, at university you will find that we rarely follow just one textbook. Instead, academic staff use lectures to introduce you to topics; you will then explore those topics in more detail during your independent study by using a variety of sources.

At the beginning of each module your lecturer will direct you towards sources relevant for that module. Below we have listed the key textbooks for the compulsory modules you will study in the first year. However, your lecturer may also direct you to other sources in addition to these.

Please note it is **not necessary to purchase all of the textbooks listed below**. There are some copies of the physical books available to borrow from the QMUL library, plus some textbooks also have an electronic version, which you will be able to access via the QMUL Library website. Note also that if the most recent edition is not available, the previous edition is often a good (and cheaper) substitute.

There is a bookshop (John Smith's) on the Mile End campus which offers a price match against Amazon, Waterstones and WHSmith. Further details of the price match can be found online.

Semester A

BMD111 Chromosomes and Gene Functions

- Curran B.P.G. (2003) *A Terrible Beauty is Born*. New York, NY: Taylor & Francis [QH442.2 CUR]
- Brooker, R.J. (2015) *Genetics: analysis and principles*, 5th edition. New York, NY: McGraw-Hill Education [QH430 BRO]
- Hartwell, L. et al (2015) *Genetics: from genes to genomes*, 5th edition. New York, NY: McGrawHill Education [QH430 HAR]

BMD115 The Human Cell

- Alberts, B. (2014) *Essential Cell Biology* 4th edition. New York, NY: Garland Science [QH581.2 ESS]
- Hardin, J., Bertoni, G., Kleinsmith, L.J., Becker, W.M. (2012) *Becker's world of the cell* 8th edition. Boston, MA: Benjamin Cummings [QH581.2 HAR]
- Alberts, B. et al (2015) *Molecular biology of the cell* 6th edition. New York, NY: Garland Science [QH581.2 ALB]

BMD153 Causes and Prevention of Disease

- Wald, N.J. (2004) *The Epidemiological Approach: an Introduction to Epidemiology in Medicine*, 4th edition. CRC Press [WA105 WAL]

BMD161 Exploring Neuroscience

- Purves, D., Augustine, G.J., Fitzpatrick, D., Hall, W.C., LaMantia, A., & White, L.E. (2012) *Neuroscience*, 5th edition. Sunderland, MA: Sinauer Associates [QP355.2 PRI]

Semester B

BMD121 Biomedical Physiology I – Exchange, movement & Integration

- Sherwood, L. (2015) *Human physiology: from cells to systems*. Cengage Learning [QP34 5

STA]

- Fox, S.I. (2016) Human physiology, 14th edition. New York, NY: McGraw-Hill Education [QP34.5 FOX]

BMD123 Biomolecules of Life

- Berg, J.M., Tymoczko, J.L., Gatto, G.J. & Stryer, L. (2015) Biochemistry, 8th edition. New York, NY: W.H. Freeman & Company [QP514.2 BER]

BMD181 Tissue Biology

- Young, B., O'Dowd, G. & Woodford, P. (2014) Wheater's Functional Histology: a text and colour atlas, 6th edition. Philadelphia, PA: Churchill Livingstone/Elsevier [QM551 YOU]

BMD163 Functional Neuroanatomy

- Purves, D., Augustine, G.J., Fitzpatrick, D., Hall, W.C., LaMantia, A., & White, L.E. (2012) Neuroscience, 5th edition. Sunderland, MA: Sinauer Associates [QP355.2 PRI]
- Martin, J.H. (2012) Neuroanatomy: Text and Atlas, 4th edition. New York, NY: McGraw-Hill [ebook]