

# Biomolecules (BIO2045M)

[View Online](#)

---

[1]

Berg, J.M. et al. 2015. Biochemistry. W.H. Freeman.

[2]

Bhutani, S.P. 2009. Chemistry of biomolecules. Ane Books Pvt. Ltd.

[3]

Bloomfield, V.A. et al. 2000. Nucleic acids: structures, properties, and functions. University Science Books.

[4]

Blow, D.M. 2002. Outline of crystallography for biologists. Oxford University Press.

[5]

Branden, C. and Tooze, J. 1999. Introduction to protein structure. Garland Science.

[6]

Buehler, L.K. 2016. Cell membranes. Garland Science.

[7]

Cornish-Bowden, A. 2012. Fundamentals of enzyme kinetics. Wiley-Blackwell.

[8]

Davis, B.G. and Fairbanks, A.J. 2002. Carbohydrate chemistry. Oxford University Press.

[9]

Dobson, C.M. et al. 2001. Foundations of chemical biology. Oxford University Press.

[10]

Drenth, J. and Mesters, J. 2010. Principles of protein X-ray crystallography. Springer.

[11]

Fersht, A. 1999. Structure and mechanism in protein science: a guide to enzyme catalysis and protein folding. W. H. Freeman.

[12]

Gèunther, H. 2013. NMR spectroscopy: basic principles, concepts, and applications in chemistry. Wiley-VCH.

[13]

Hammes, G.G. 2000. Thermodynamics and kinetics for the biological sciences. Wiley-Interscience.

[14]

Jones, J. 2002. Amino acid and peptide synthesis. Oxford University Press.

[15]

Keeler, J. 2010. Understanding NMR spectroscopy. Wiley.

[16]

Keller, A. and Meese, E. eds. 2015. Nucleic acids as molecular diagnostics. Wiley-VCH.

[17]

Liljas, A. 2009. Textbook of structural biology. World Scientific Publishing.

[18]

Moran, A.P. et al. 2009. Microbial glycobiology: structures, relevance and applications. Academic.

[19]

Nelson, D.L. et al. 2008. Lehninger principles of biochemistry. W. H. Freeman.

[20]

Papachristodoulou, D.K. et al. 2014. Biochemistry and molecular biology. Oxford University Press.

[21]

Patrick, G.L. 2017. An introduction to medicinal chemistry. Oxford University Press.

[22]

Petsko, G.A. and Ringe, D. 2009. Protein structure and function. Oxford University Press.

[23]

Rhodes, G. 2006. Crystallography made crystal clear: a guide for users of macromolecular models. Elsevier/Academic Press.

[24]

Ridgway, N.D. and McLeod, R.S. eds. 2015. Biochemistry of lipids, lipoproteins and membranes. Elsevier Science.

[25]

Rupp, B. 2010. Biomolecular crystallography: principles, practice, and application to structural biology. Garland Science.

[26]

Taylor, M.E. and Drickamer, K. 2011. Introduction to glycobiology. Oxford University Press.

[27]

Varki, A. 2009. Essentials of glycobiology. Cold Spring Harbor Laboratory Press.

[28]

Voet, D. and Voet, J.G. 2011. Biochemistry. John Wiley.