

Introduction to Life Sciences

Discover Brunel

We're delighted to be thinking about studying at Brunel University.

Our Introduction to Life Sciences programme is designed to help you develop the skills and knowledge you need to succeed in your chosen field of study. You will explore the fundamental principles of biology, chemistry, and physics, and how they relate to the living world. You will also learn about the latest research in these areas and how it is being applied in industry and society.

Reading List

- Biochemistry:** Berg, J., Tymoczko, M., & Stryer, L. (2011). *Biochemistry*. W. H. Freeman & Co.
- Molecular and Cellular Biology:** Alberts, B., Johnson, A., Lewis, D., et al. (2014). *Molecular Biology of the Cell*. Garland Science.
- Anatomy and Physiology:** Tortora, G. J., & Derrickson, B. (2012). *Principles of Anatomy and Physiology*. Elsevier.
- Cognitive Psychology:** Eysenck, M. W., & Keirstead, C. A. J. (2010). *Cognitive Psychology*. Psychology Press.
- Biosphere and Ecology:** Odum, H. T. (1983). *Ecology: The Basic Science*. Prentice-Hall.

Sample lecture/researcher/industry

- Biochemistry:** H. T. Odum (1983) *Ecology: The Basic Science*. Prentice-Hall.
- Molecular and Cellular Biology:** H. T. Odum (1983) *Ecology: The Basic Science*. Prentice-Hall.
- Physiology:** D. J. Kornhuber & H. H. Kornhuber (1965) *Brain*, 68, 1-10.
- Psychology:** Eysenck, M. W., & Keirstead, C. A. J. (2010) *Cognitive Psychology*. Psychology Press.
- Biosphere and Ecology:** E. P. Odum (1983) *Ecology: The Basic Science*. Prentice-Hall.



Statistics in Life Science

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