Recommended text books by module

All recommended text books are available from the libraries on campus and many can be accessed online as e-books. We strongly advise students not to purchase textbooks before they arrive as you may not make enough use of them to make this worthwhile. It is better to wait until you arrive and see how much you use any textbook before committing to buying a copy.

Understanding the Past I & II Archaeology

- **Core:** Renfrew, C. & Bahn, P. (2020) *Archaeology: Theories, Methods and Practice 8th ed.* Thames & Hudson.
- **Recommended:** Greene, K. & Moore, T. (2010) *Archaeology: An Introduction 5th ed.* Routledge.
- **Recommended:** Johnson, M. (2020) *Archaeological theory: An introduction.* Hoboken, NJ: John Wiley & Sons, Inc.

Genes, Molecules and Cells - Biology

- **Core:** Alberts, B. et al. (2019). *Essential Cell Biology 5th ed*. Garland Science.
- **Core:** Hames, B.D. & Hooper, N.M. (2011). *Biochemistry 4th ed.* Garland Science.
- **Core:** Hartwell, L. (2021). *Genetics: From Genes to Genomes 7th ed*. McGraw-Hill.

Life on Earth - Biology

- **Core:** Campbell, N.A. (2020) *Biology: a global approach 12th ed*. Pearson.

Evolution Ecology & Behaviour – Biology

- **Core:** Campbell, N.A. (2020) *Biology: a global approach 12th ed*. Pearson.
- **Core:** Urry, L.A. et al (2020) *Campbell Biology in Focus.* Pearson.

Hallmarks of Cancer & Causes and Consequences of Cancer - Cancer Sciences

- **Core:** Hanahan, D & Weinberg, R.A. (2011*) Hallmarks of Cancer: The Next Generation*, Cell Vol 144, Issue 5 4 March 2011, pp646-674.
- **Core:** Lee, R., Abramson, J. & Goldsby, R.A. (2019) *Case Studies in Cancer*. W.W. Norton & Company.
- **Core:** Weinberg, R.A. (2013) *The Biology of Cancer 2nd ed*. Garland Science.
- **Recommended:** Twycross, R.G., Wilcock, A. and Stark Toller, C. (2021) *Introducing palliative care.* London: Pharmaceutical Press.

Fundamental Chemistry Theory & Practical - Chemistry

- **Core :** Atkins P. W., De Paula J. & Keeler, J. (2023) *Atkins' Physical Chemistry 12th ed.* Oxford University Press.
- **Core:** Clayden J., Greeves N. and Warren S. (2012) *Organic Chemistry 2nd ed.* Oxford University Press.
- **Core:** Weller, M.T. (2018) *Inorganic Chemistry 7th ed*. Oxford University Press.
- **Core:** Burrows, A. (2021) *Chemistry3: introducing inorganic, organic and physical chemistry 4rd ed.* Oxford University Press.
- **Recommended:** Monk, P. & Munro, L.J. (2010) *Maths for Chemistry: a chemist's toolkit of calculations. 2nd ed.* Oxford University Press.
- **Recommended:** Winter, M.J. (2016) *Chemical Bonding 2nd ed.* Oxford University Press.
- **Recommended:** Winter, M.J. (2015) *d-Block Chemistry 2nd ed.* Oxford University Press.

Earth, Atmosphere & Oceans – Earth Science – NO LISTS

- **Core:** Skinner, .J., Porter, S.C. & Park, J. (2004) *The Dynamic Earth: an introduction to physical geography 5th ed*. Wiley.
- **Recommended:** Wayne, R.P. (2000) *Chemistry of Atmosphere: an Introduction to the Chemistry of the atmosphere of earth, the planets and their satellites 3rd ed*. Oxford University Press.
- **Recommended:** Jacob, D.J. (1999) *Introduction to Atmospheric Chemistry.* Princeton University Press.
- **Recommended:** Barry, R.G. & Chorley, R.J. (2003) *Atmosphere, Weather and Climate 8th ed.* Routledge

Intro to GIS - Earth Science

- **Core:** Heywood, D.I., Cornelius, S & Carver, S. (2011) *An Introduction to Geographical Information Systems 4th ed.* Prentice Hall.
- **Recommended:** Longley, P. *et al.* (2016) *Geographic Information Science and Systems*. Hoboken, NJ: Wiley Custom Learning Solutions.

Principles of Ecology – Ecosystems and Environment

- **Recommended:** Cotgreave, P. & Forseth, I. (2002) *Introductory Ecology*. Blackwell.
- **Recommended:** Townsend, C.R., Begon, M. & Harper, J.L. (2014) *Essentials of Ecology 4rd ed.* Blackwell Publishing.
- **Recommended:** Begon, M., Harper, J.L. and Townsend, C.R. (2006*) Ecology from individuals to ecosystems*, 4TH ed. Blackwell Publishing.

Planet Earth – Ecosystems & Environment

- **Core:** Holden, J. (2017) *An Introduction to Physical Geography and the Environment 4th ed*. Pearson.

How to Build a Habitable Planet – Ecosystems & Environment

- **Core:** Langmuir, C.H. (2012*) How to build a habitable planet: the story of the Earth from the big bang to humankind.* Princeton University Press.
- **Core:** Jacobson, M. & Butcher, S. (2000) *Earth System Science: from biogeochemical cycles to global change 2nd ed.* Elsevier Academic Press.

Introduction to Plant Science – Ecosystems & Environment

- **Core:** Campbell, N.A. (2020) *Biology: a global approach 12th ed*. Pearson.

Calculus & Linear Algebra - Mathematics

- **Recommended:** Alcock, L. (2014) *How to think about analysis*. Oxford University Press.
- **Recommended:** Hirst, K.E. (1995) *Numbers, Sequences and Series*. Arnold.
- **Recommended:** Spivak, M. (2006) *Calculus 3rd ed.* Cambridge University Press.
- **Recommended:** Wrede, R.C. & Spiegel, M.R. (2010) *Schaum's outline of advanced calculus 3rd ed.* McGraw-Hill.

Programming Texts

- Hetland, M.L. (2017) *Beginning Python: from novice to professional 3rd ed*. Apress.
- Hill, C. (2020) *Learning Scientific Programming with Python, 2nd ed* Cambridge University Press
- Romano, F. (2018) *Learning Python Programming 2nd ed.* Packt Publishing Limited.
- Sweigart, A. (2020) *Automate the boring stuff with Python: practical programming for total beginners*, 2nd ed. No Starch Press.
- Hetland, M.L. (2017) *Beginning python from novice to professional*. 3rd edn. Berkeley, CA: Apress.

From Newton to Einstein - Physics

- **Core:** Knight, R. (2016) *Physics for scientists and engineers: A Strategic Approach. 4th ed*. Pearson. - You will be provided with a digital copy of this book if you are studying Physics on your stream.

Additional useful texts:

- Lambourne, R.J. & Tinker, M. (2000) *Basic Mathematics for the Physical Sciences.* Wiley.
- Lambourne, R.J. & Tinker, M. (2000) *Further Mathematics for the Physical Sciences*. J. Wiley.
- Riley, K.F., and Hobson, M.P. (2011) *Foundation Mathematics for the Physical Sciences*. Cambridge University Press.

Cognitive Psychology – Psychology

- **Core:** Eysenck, M.W. & Keane, M.T. (2020) *Cognitive Psychology: a student's handbook 8th ed.* Psychology Press.
- **Recommended:** Quinlan, P.T. (2008) Cognitive Psychology. Pearson Prentice Hall.

Biological Psychology – Psychology

- **Core:** Carlson, N.R. & Birkett, M.A. (2017) *Physiology of Behaviour 12th ed.* Pearson.

Social Psychology – Psychology

- **Core:** Hogg, M.a. & Vaughan, G.M. (2022) *Social Psychology 9th ed*. Pearson.

Developmental Psychology - Psychology

- **Core:** Mitchell, P. & Ziegler, F. (2013) *Fundamentals of Developmental Psychology 2nd ed.* Psychology Press.