

# Biology Self Study Aids

## Genetics/genomics

- Concepts of Genetics by Klug, Cummings, Spencer, Palladino. ISBN-13: **978-0321524041**. [2011 version](#). [2008 version](#).
- [Genetics: From Genes to Genomes](#) by Hartwell (2010). ISBN-13: **978-0073525266**.
- [Genetics: Analysis and Principles](#) by Brooker (2011). ISBN-13: **978-0073525280**.
- Online Resources
  - [Beginning genetics help](#)
  - [University of Houston genetics tutoring links](#)

## Molecular & cell biology

- Robert F. Weaver, [Molecular Biology 5th Edition](#), McGraw-Hill, 2011. ISBN-13: **978-0073525327**.
- [Molecular Biology of the Cell](#) by Alberts, 4<sup>th</sup> ed. (2002). ISBN-13: **978-0815332183**.
- [Cell and Molecular Biology: Concepts and Experiments](#) by Karp, 6<sup>th</sup> ed. (2009). ISBN-13: **978-0470483374**.
- Online Resources:
  - Textbook supplement: <http://bcs.whfreeman.com/lodish6e/default.asp>
  - Mednotes lecture notes: <http://www.mednotes.net/notes/biology/>

## Biochemistry

- [Lehninger Principles of Biochemistry](#) by Nelson & Cox, 5<sup>th</sup> ed. (2008). ISBN-13: **978-0716771081**.
- [Biochemistry](#) by Garrett & Grisham, 4<sup>th</sup> ed. (2008). ISBN-13: **978-0495109358**.
- [Biochemistry](#) by Berg/Tymoczko/Stryer 6<sup>th</sup> ed. (2010). ISBN-13: **978-0716787242**.

## Chemistry

- [Principles of General Chemistry](#) by Martin Silberberg, McGraw-Hill, 2nd ed. ISBN-13: **9780077274320**.
- [Principles of Chemistry](#) by Munowitz (1999). ISBN-13: **978-0393972887**.
- [Chemistry: The Central Science](#) by Brown, 10<sup>th</sup> ed. ISBN-13: **978-0132186421**.
- Online Resources:
  - Basic chemistry help: <http://www.chemtutor.com/>
  - General Chemistry Online: <http://antoine.frostburg.edu/chem/senese/101/index.shtml>

## Organic chemistry

- [Organic Chemistry](#) by Loudon, Fifth Edition. ISBN-13: **978-0981519432**.
- [Organic Chemistry](#) by Clayden. ISBN-13: **978-0198503460**.
- Practical Synthetic Organic Chemistry by Stéphane Caron. ISBN: [0470037334](#). Available at CU
- Online resources:
  - [Virtual Textbook of Organic Chemistry](#)