



AceTute Y11/12 NSW HSC Biology Syllabus

2014 Revision

AceTute

AceTute's Year 11 and 12 Biology courses prepares students not only for the topics conducted under the NSW Department of Education and Training HSC and Preliminary Syllabus, but also for the format and layout of the final and University style exams. Our courses aim to accelerate the topics normally covered by high schools and work at a pace which is comfortable for the student and their parents/caregivers

Biology Year 11 NSW

Term 1: A Local Ecosystem

1. Biotic and Abiotic Factors
2. Unique Ecosystems
3. Termly Revision

Term 2: Patterns in Nature

1. Cells
2. Membranes
3. Plant and Animal Structures
4. Gaseous Exchange and Transport Systems
5. Growth and Repair
6. Termly Revision

Term 3: Life on Earth

1. Rocks and the Origin of Life
2. Fossils
3. Past and Present Living Things
4. Present-day Organisms and the Origin of Life
5. Termly Revision

Term 4: Evolution of Australian Biota

1. Australia as Part of an Ancient Super Continent
2. Australian Flora and Fauna
3. Reproductive Adaptation of Australian Plants and Animals
4. Palaeontology and Past Environments
5. Yearly Revision



AceTute

Biology Year 12 NSW

Term 1: Maintaining a Balance

1. Temperature Range of Organisms
2. Plant and Animal Fluid Medium
3. Plant and Animal Metabolism and Interstitial Fluid Regulation
4. Termly Revision

Term 2: Blueprint of Life

1. Evolution
2. Gregor Mendel's Experiments
3. Chromosomal Structures
4. DNA and Phenotype
5. Reproductive Technologies and Genetic Engineering
6. Termly Revision

Term 3: The Search For Better Health

1. Health
2. Cleanliness and Personal Hygiene
3. Pasteur, Koch and the Search for Disease
4. The Immune Response
5. The Immune Response and Immunisation Programs
6. Epidemiological Studies
7. Prevention and Control of Disease
8. Trial Revision

Term 4: Option

1. Student Selected Option
2. Final Exam Revision

AceTute