

TOPICS (TABLE OF CONTENT)

International Baccalaureate (IB)

➤ **BIOLOGY SL and HL**

➤ Core Topics (95 Hours)

- Topic 1. Cell biology (15 Hours)
- Topic 2. Molecular biology (21 Hours)
- Topic 3. Genetics (15 Hours)
- Topic 4. Ecology (12 Hours)
- Topic 5. Evolution and biodiversity (12 Hours)
- Topic 6. Human physiology (20 Hours)

➤ Additional Higher Level (HL) Topics (60 Hours)

- Topic 7. Nucleic Acids (9 Hours)
- Topic 8. Metabolism, Cell Respiration, and Photosynthesis (14 Hours)
- Topic 9. Plant Biology (13 Hours)
- Topic 10. Genetics and Evolution (8 Hours)
- Topic 11. Animal Physiology (16 Hours)

➤ Optional Topics

- Option A. Neurobiology and Behaviour (15 Hours for SL and 25 hours for HL)
- Option B. Biotechnology and Bioinformatics (15 Hours for SL and 25 hours for HL)
- Option C. Ecology and Conservation (15 Hours for SL and 25 hours for HL)
- Option D. Human Physiology (15 Hours for SL and 25 hours for HL)

➤ Practical scheme of work (40 Hours for SL and 60 Hours for HL)

➤ References and Sources
