

Course : **Biology 4**

1. Content

a. Class 6:

Composition of living things
Enzymes
Ultrastructure of the cell
Excitable cells
Neuro-hormonal regulation
Immunology
Animal behaviour

b. Class 7:

Membranes and transport of substances
Energy fixation, synthesis of complex substances
Release of energy
Classical genetics
Molecular genetics
Mutations
Human genetics
Evidence for evolution
The origin of life
The theory of evolution
Human evolution

2. Methods / Activities / Format

Group Practical Work
Explanations
Individual Research
Presentations

3. Information on tests, exams or BAC

4. Initial level required / eventual tests (e.g. preliminary oral or written tests)

MINIMUM of 7 in 5th Year exam.
Mathematical skills- Averages, Percentages, Powers
Basic Chemistry skills