

Topics to Study

Definition of Life

Scientific Method

Origin of Life

Basic Chemistry

- Atomic chemistry

- chemical bonding

- inorganic vs. organic

- composition of carbohydrates, lipids, proteins, and nucleic acids

Cellular Structure and Function

The Cell Cycle and Mitosis

Biochemistry ie., enzymes, energy, and ATP

Cellular Respiration

Animal Tissue Types

Animal Organ Systems

Reproductive Biology

Birth Control and Reproductive Technology

Classical Genetics (Mendelian)

Molecular Genetics

Microscopes

- parts and functions

- correct usage of scope

Metric System

- basic units

- conversions within the metric system

The content of the Waiver Exam corresponds to the topics listed above from BIO*H105 – Introduction to Biology.