



Fundamentals of Bioinformatics

Introduction to Molecular Systematics & Phylogenetics

8 Weeks

Weekend Physical Classes and practicals



Master the Essentials of Bioinformatics in Just One Course!

Course overview

Dive into our intensive Short Course in the Fundamentals of Bioinformatics, with a focus on Molecular Systematics and Phylogenetics. This programme offers an in-depth exploration of key bioinformatics tools and techniques essential for uncovering evolutionary patterns.

In today's fast-evolving world of biological sciences, understanding bioinformatics, molecular systematics, and phylogenetics is crucial for exploring the complexities of life at the molecular level. With the increasing demand for bioinformatics experts in the job market, this course is designed to provide you with the foundational knowledge and practical skills needed to excel in this dynamic and growing field.

You will specialise in



MrBayes



PartitionFinder



FigTree System



Python software

Perfect for :

- Students after A/L who wish to pursue their higher studies in the field of Biomedical Science.
- Undergraduate students pursuing a degree in Biomedical Sciences.

Our Course Outline

- Taxonomy and Species Complexes
- Molecular Markers
- Molecular Evolution and Phylogeny
- Data Collection and Sequence Alignment
- Bayesian Analysis
- Concatenated Tree Building



January 2025 Intake



Royal Institute of Colombo

Weekend Physical Classes (Lectures and practicals)



Course fee: 20,000 LKR

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