

**Bioinformatics and Computational
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MSc POSITIONS IN GENOME LINGUISTICS AND BIOINFORMATICS

Project Description

Modern DNA sequencing technologies generate a massive amount of primary genome and metagenomic sequence data. The management and analysis of the vast amounts of generated sequence data demands new reliable, cost-effective and high throughput software. This project addresses the development of an integrated research environment for data mining in DNA sequences and metagenomic datasets.

Positions

The following student positions are available and can start immediately:

1-2 **MSc** positions are available **immediately** to develop databases and software tools to assist in storing, clustering and binning of orphan DNA fragments. Our team has a strong record of publications in high scored journals. Funds are available for local and international conferences. A strong collaboration with wet laboratories is established.

Recommended skills include, but are not limited to: Python programming, gene annotation, microbial genomics.