Msc Course Outline
Bioinformatics (BIO1505/BIO1411)

Tutors (I. Iliopoulos, C. Nikolaou, P. Pavlidis)
November-December 2018

Total: 21 hours

- Genome Browsers. Retrieval of genomic data and basic data formats. Functional analysis of gene expression data (GO, KEGG etc). (Nikolaou) (Date: 4/12, Time: 12.00-15.00)
- NGS Approaches to the study of biological problems (Nikolaou) (Date: 5/12, Time: 10.00-13.00)
- Databases in Biology. Complex searches in literature databases. Sequence databases and databases of more complex biological data (Pubmed OMIM, STRING, Uniprot etc) (Iliopoulos) (Date: 11/12, Time: 15.00-18.00)
- Pairwise and Multiple alignment. Sequence Searches (BLAST) (Iliopoulos) (Date: 13/12, Time: 15.00-18.00)
- Pavlidis (Date: 14/12, Time: 10.00-13.00)
- Pavlidis (Date: 17/12, Time: 12.00-15.00)
- Pavlidis (Date: 18/12, Time: 10.00-13.00)