

Bioinformatics for **IT professionals** @home programme (4 semesters)

Year 1

Semester 1

BIO 01 Molecular Biology - Basics

BIO 02 Molecular Biology - Advanced

BIT 03 Structural bioinformatics

Semester 2

BIT 04 Databases and data management

BIT 05 Scripting

BIT 06 Comparative genomic analysis

Year 2

Semester 3

BIT 07 Machine Learning

BIT 08 Data analysis, visualization and biostatistics using R

BIT 09 High throughput analysis

Semester 4

BIT 10 Systems biology

BIT 11 Traineeship in Belgium or abroad

Colors indicate different roles

Biologist

Informatician

Programmer

Bioinformatician

NYP