

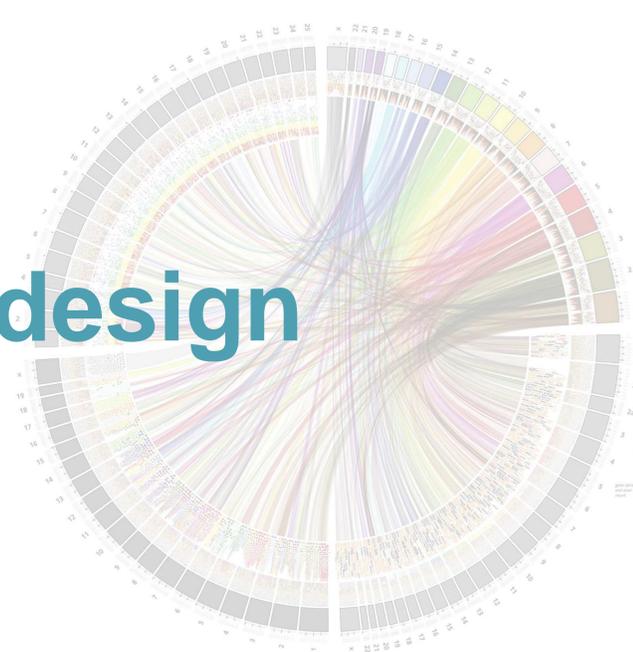
MSc in Bioinformatics for genomics and drug design

Official Master's Degree UAB, 60 ECTS
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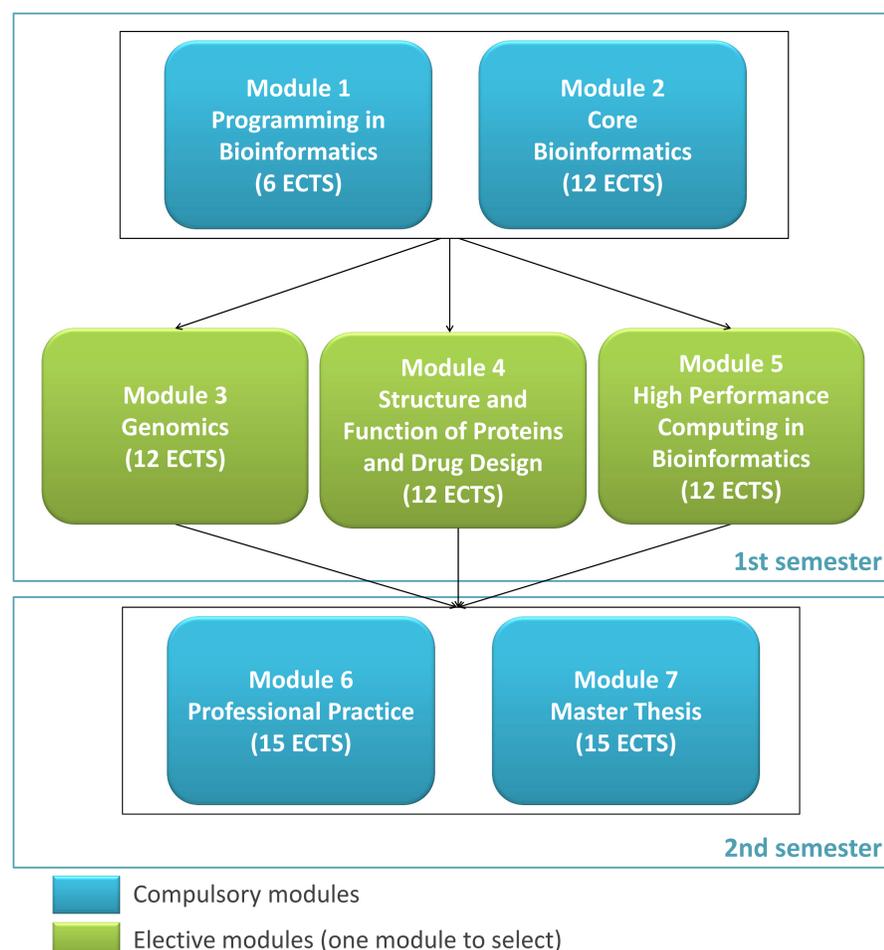


What is Bioinformatics?

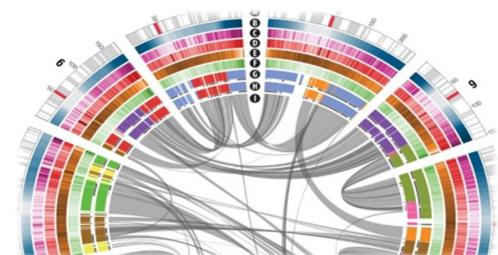
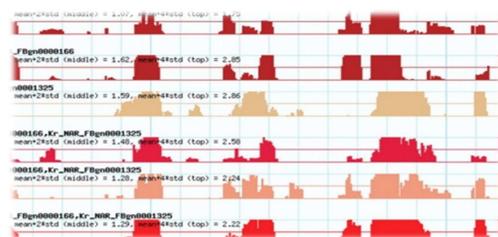
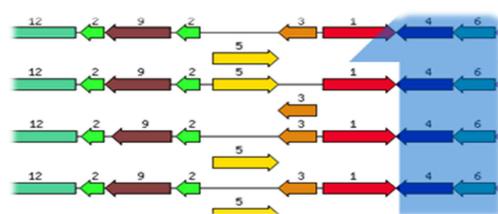
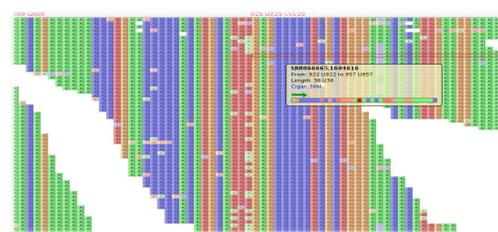
Bioinformatics is the application of computer science and information technologies to the processing and analysis of biological data. Bioinformatics is essential to give meaning to the huge mass of biological data that is being produced in the post-genomic era, playing a prominent role in the biomedical and biotechnological research of this century. The current challenge for the bioscientist is to be able of managing friendly and easily all this information.

Why to study Bioinformatics?

- **Bioinformatics is a transversal area**, applicable to all sub-sectors of the life sciences. For Omics research, it is essential to handle and interpret large-scale data.
- **Bioinformaticians are in high demand in Academia, Research and Industry** because few people have the education and skills to fill the available positions.
- Learning bioinformatics is a determined **bet to professional success**. Bioinformaticians enjoy a vast range of research and professional jobs and earn competitive starting salaries.
- **Bioinformatics expertise is highly valued**. Innovative and technological abilities and easy adaptation to changes are intrinsic traits of Bioinformaticians, broadening their employability in the modern scientific and technological societies undergoing permanent renewal.



Bioinformatics



You will enjoy a novel learning experience...

- Intensive one-year master's program.
- All classes are **in English**.
- Highly **practical orientation**. Professionals ready to succeed.
- Expertise areas in Genomics, Drug Discovery and High Performance Computing.
- Faculty are leaders of international research groups.
- Prestigious **visitor professors** from Academy and Industry.
- **Bioinformatics resources** and information technologies are integrated along the learning process.
- **Teamwork projects**. Students will be able to engage in multidisciplinary work teams conducting bioinformatics analyses of real data provided by research centers and corporate partners.
- **Student's Portfolio** to evaluate their progress.
- **Integrated knowledge**. For each program module, activities and practices are integrated, step by step, in real bioinformatics projects.
- **Student mentoring program**. Advise and personalized support to applicants and students.
- **Professional Practices** during 3-6 months in leader research groups and international bioinformatics companies.

Collaboration and Networking

- Collaboration with Research groups, Institutes and Companies that offer **training places, PhD fellowships and job vacancies for master students**.
- Students advice about their future career plans and job opportunities fitted to their preferences.

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