

About the program

- English program, 4 semesters
- full-time education
- 120 ECTS

Curriculum

- 1st semester: basic knowledge in molecular biology or informatics
- 2nd & 3rd semester: Structural
 Bioinformatics, Applied Statistics, Advanced
 Programming, Big Data Processing or
 Machine Learning in Bioinformatics



4th semester: individual projects & internships at >10 public/private R&D companies



Contact

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890 Calcium-transporting ATPase; ylo8; OrderedLocusName K01537 IP 39; ATPase_P-typ_Site.|IPR023298; ATPase_P-typ_TM_dom_sf.|IPR0082598; ATPase_P-typ_TM_dom_sf.|IPR0082598; ATPase_P-typ_TM_dom_sf.|IPR0082598; ATPase_P-typ_TM_dom_sf.|IPR0082598; ATPase_P-typ_TM_dom_sf.|IPR0082598; ATPase_P-typ_TM_ATPase_P.|IPR0082598; ATPase_P-typ_TM_ATPase_P-typ_TM_STANSPORTED_STAN

193 194 cobalamin adenosyltransferase co cteria.|COG2096; LUCA. GO:0005524; F:ATP binding; yl or aryl (other than methyl) groups; IDA:UniProf ,<24151072; -.><FR0:48888 9; CblAdOffrase-tike.><|FR0:36491; CblAdOffrase-tike.><|FR0:46491; CblAdOffrase-tike.><|FR0:46491; CblAdOffrase-tike.

50S ribosomal subunit assembly factor Big 05225; Small_GTP-bd_dom.|IPR000795; TF_GTF VOG4105CI3; Bacteria.|COG1217; LUCA. | Jeoprotein_complex: IBA:GO_Central

Bioinformatics applied in life sciences

Master program

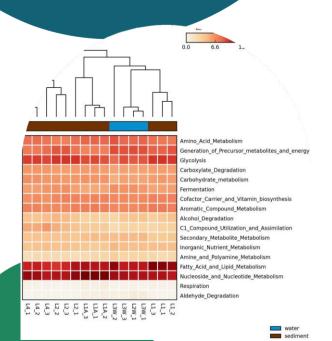


Target candidates & Admission

 Graduates of STEM, natural, life, health, and agricultural sciences

Admission

- 50% interview (motivation + topic of graduation thesis)
- 50% graduation average



Qualifications & Jobs

- Research master
- Bioinformatics scientist/ Biology expert/ Research Assistant in Biology
- Public and private companies focused on R&D in life sciences, data mining, biotechnology, software development, genomic and personalized medicine, and others
- Academic research (Ph.D. student) in life sciences and computational biology





Curriculum

Year 1

1st semester

Computational skills

Molecular biology skills

2nd semester

Biomedical computing

Environmental computing

Year 2

3rd semester

Biomedical computing

Environmental computing

4th semester

Individual project

Dissertation

Internship