

## Curricular internship or project in Bioinformatics

Academic Year:

**2018/2019**

Course	Bachelor's degree on Bioinformatics				
Scientific Area	Biotechnology and/or Informatics				
ECTS Credits	30	Curriculum Unit code	CVD001	Year	3
				Semester	2
				Type	Compulsory
Prerequisites					
Contact Hours					
	Lecture Sessions		Lecture-Practical Sessions		Practical and Laboratory Sessions
	Tutorial		Placement		Seminar
	Fieldwork	720	Other		Autonomous Study
					90
Responsible	Victor Manuel Meneses Barbosa			Position	Adjunct Professor
Lecturers				Position	
Learning Outcomes	<p>The main objective of this curricular unit is to get the student to solve a new problem, corresponding to a new situation in a working context, in an internship or as a project, based on the skills and knowledge acquired during the course in Bioinformatics. At the end of their training graduate students in the field of bioinformatics must submit a written report based on the individual work performed during the internship/project. The student must also acquire a proactive and critical professional approach, to work in a team or individually.</p>				
Syllabus	<p>Preparation of a project or internship in a bioinformatics company, applying various computer tools learned during the course in a professional context and discussion of the results before a jury.</p>				
Teaching Methodologies	<p>On the internship/project, the student develops independent work to meet the proposed plan of work. The student can rely on the support of the company's advisor and an advisor from School, which follows the work and the writing of the report.</p>				
Evaluation	<p>At the end of the work the student delivers a written report, which presents and discusses orally in English before a jury constituted by supervisors and arguer(s). The final grade is awarded by the jury.</p>				

**Evidence of the syllabus coherence with the curricular unit's intended learning outcomes**

This curricular unit aims to provide students with an insight into the applicability of the training they had during their bachelor's degree in the field of Bioinformatics, in the several companies in the area, in the form of an internship or investigation project. The curricular unit program is according to the proposed objectives.

**Evidence of the teaching methodologies coherence with the curricular unit's intended learning outcomes**

The major objective of this curricular unit is to ultimately test the knowledge acquired by the students and their ability to apply it in a specific situation and in the context of real work (internship) or solve a problem, in particular, as a project. Both, the internship, as well as the project requires a good integration of theoretical knowledge learned during the study cycle in order to better be able to solve the proposed problems.

**Bibliography**

Variable according to the project or internship subject.

**Observations**