

Master Programme in Bioinformatics 2018/2019

	Autumn '18		Spring '19	
	Period 1 180903–181028	Period 2 181029–190120	Period 3 190121–190324	Period 4 190325–190609
Courses during the first year	Biology Background		Both Backgrounds	
	Introduction to Bioinformatics, 10 credits (1MB438)		Molecular Evolution, 5 credits (1MB461)	Genome Analysis, 10 credits (1MB462)
	Introduction to Programming, Scientific Computing and Statistics, 10 credits (1TD349)		Information Management Systems, 10 credits (1DL471)	Large Datasets for Scientific Applications, 5 credits (1TD268)
	Script Programming, 5 credits (1TD328)	Database Design I, 5 credits (1DL301)		Or: Degree Project D in Bioinformatics, 15 credits (1MB720)*
	Computer Science Background			
	Introduction to Bioinformatics, 10 credits (1MB438)			
	Introduction to Molecular Biology, Genetics and Evolution, 5 (out of 15) credits (1MB439)	Introduction to Molecular Biology, Genetics and Evolution, 10 (out of 15) credits (1MB439)		
Script Programming, 5 credits (1TD328)				
Courses during the second year	Both Backgrounds		Both Backgrounds	
	Phylogenetic Analysis, 5 credits (1MB515)	Knowledge-Based Systems in Bioinformatics, 5 credits (1MB416) Statistical Inference for Bioinformatics, 5 credits (1MB459)	Degree Project E in Bioinformatics, 30 credits (1MB830)	
	Population Genetic Analysis, 5 credits (1MB514)	Computer Assisted Image Analysis I, 5 credits (1TD396) Applied Bioinformatics, 15 credits (1MB519)		
	Database Design I, 5 credits (1DL301)	Degree Project E in Bioinformatics, 45 credits (1MB745)		
Optional courses**	Literature Project in Bioinformatics, 5 credits (1MB782)			
	Literature Project in Bioinformatics, 10 credits (1MB783)			
	Research Training in Bioinformatics, 10 credits (1MB803)			
	Research Training in Bioinformatics, 15 credits (1MB804)			
	Research Training in Bioinformatics, 20 credits (1MB805)			
	Project Work in Bioinformatics, 10 credits (1MB820)			
Project Work in Bioinformatics, 20 credits (1MB822)				

* (1MB720) Degree project D in Bioinformatics is only for students studying towards a one-year master.

** Optional courses are given in different periods and can replace other courses in the programme.

Note that an MSc degree may contain max 30 credits from basic (BSc) level