

## Master Programme in Applied Biotechnology 2018/2019

	Autumn '18		Spring '19	
	Period 1 180903-181028	Period 2 181029-190120	Period 3 190121-190324	Period 4 180325-190609
Courses during the first year	Trends in Molecular Biology and Biotechnology, 15 credits (1BG396)	Structure and Function of Macromolecules, 15 credits (1BG349)	Biotechnology Project, 10 credits (1BG357)	
			Synthetic Biology, 10 credits (1MB433)	Innovation Management and Entrepreneurship, 10 credits (1TE769)
			Immunotechnology, 10 credits (1MB463)	Degree Project D in Applied Biotechnology, 15 credits (1BG353)*
Courses during the second year	Protein Engineering, 15 credits (1BG301)	Microbiology, 15 credits (1BG307)	Immunology, 15 credits (1BG313)	Molecular Infection Biology, 15 credits (1BG323)
	Toxicology D, 15 credits (1BG381)	RNA: Structure, Function and Biology, 15 credits (1BG388)	Molecular Cell Biology, 15 credits (1BG320)	Functional Genomics, 15 credits (1BG322)
	Genetic and Molecular Plant Science, 15 credits (1BG511)	Bioinformatic Analyses I, 5 credits (1BG311)	Bioinformatic Analysis IIa, 5 credits (1BG337)	Protein Biotechnology, 10 credits (1KB768)
	Biosensors, 5 credits (1KB446)		Synthetic Biology, 10 credits (1MB433)	
	Nanobiotechnology, 10 credits (1KB457)		Immunotechnology, 10 credits (1MB463)	
			Degree project E in Applied Biotechnology, 30 credits (1BG354)	
		Degree project E in Applied Biotechnology, 45 credits (1BG355)		
Optional courses**	Literature Project in Applied Biotechnology, 5 credits (1BG356)			
	Bioinformatics on the Web, 5 credits (1BG425)			
	Specialised Course in Molecular Biotechnology and Bioinformatics I, 10 credits (1MB381)			
	Research Training in Biology and Applied Biotechnology, 10 credits (1BG363)			
	Research Training in Biology and Applied Biotechnology, 15 credits (1BG364)			
	Research Training in Biology and Applied Biotechnology, 20 credits (1BG365)			

\* The course (1BG353) Degree project D in Applied Biotechnology is for one year masters.

\*\* 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.