

Master Programme in Applied Biotechnology 2020/2021

	Autumn '20		Spring '21	
	Period 1 200831–201025	Period 2 201026–210117	Period 3 210118–210322	Period 4 210323–210606
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 (1BG326)
	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)	
Optional courses**	Literature Project in Applied Biotechnology, 5 credits (1BG356)			
	Bioinformatics on the Web, 5 credits (1BG425)			
	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)			
	Project in Laboratory Synthetic Biology II, 15 credits (1MB405)			
	Project in Laboratory Synthetic Biology I, 15 credits (1MB205)			

* 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.