Doctorate in Molecular Biomedicine Synthesis of Academic Program

	First term					
List of subjects or learning units Key Prerequ		List of subjects or learning units Key P	Prerequisite	Hours		Credits (Units)
			With teacher	Independent	(0,	
Design of experiments and biostatistics	DBM5011		48	48	6	
Molecular and cellular biology	DBM5021		48	48	6	
Experimental analytical methods	DBM5031		48	48	6	
Pharmacology and toxicology	DBM5041		48	48	6	
		Total	192	192	24	

Second term					
List of subjects or learning units	Key	Prerequisite	Но	Credits	
List of subjects of featiling units	Ney		With teacher	Independent	(Units)
Pathophysiology	DBM5051		48	48	6
Drug design	DBM5061		48	48	6
Experimental biological and molecular methods	DMB5071		48	48	6
Basic elective 1			48	48	6
		Total	192	192	24

	Third term				
List of subjects or learning units	Kov	Key Prerequisite	Но	Credits	
List of subjects of learning units	Key		With teacher	Independent	(Units)
Seminar for professional responsibility	PTA5011		48	48	6
		DBM5011			
		DBM5021			
		DBM5031			
Knowledge exam	DBM5121	DBM5041	48	48	6
-		DBM5051			
		DBM5061			
		DBM5071			
		DBM5011			
		DBM5021			
		DBM5031			
Thesis I	DBM5161	DBM5041	48	48	6
		DBM5051			
		DBM5061			
		DBM5071			
Basic elective 2			48	48	6
		Total	192	192	24

	Fourth term				
List of subjects or learning units	Key	Prerequisite	Но	Credits	
List of subjects of learning units	Rey	Fielequisite	With teacher	Independent	(Units)
Thesis II	DBM5171	DBM5161	48	48	6
Predoctoral exam	DBM5171	DBM5121	16	16	2
Bioethics	DBM5221		16	0	1
		Total	80	64	9

	Fifth term				
List of subjects or learning units	Key	Prerequisite	Но	Credits	
List of subjects of learning units	rtey	Frerequisite	With teacher	Independent	(Units)
Advanced elective 1			48	48	6
Advanced elective 2			48	48	6
Advanced elective 3			48	48	6
	-	Total	144	144	18

Sixth term						
List of publicate or learning units	Kov	Key Prerequisite	Hours		Credits	
List of subjects or learning units	Rey		With teacher	Independent	(Units)	
		PTA5011				
Research seminar I	DBM6041	DBM5131	48	48	6	
		DBM5171				
		PTA5011				
Thesis III	DBM6091	DBM5131	48	48	6	
		DBM5171				
		Total	96	96	12	

Seventh term					
List of subjects or learning units	Key	Prerequisite	Hours		Credits
List of subjects of learning units	Rey	Frerequisite	With teacher	Independent	(Units)
Research seminar II	DBM6051	DBM6041	48	48	6
Thesis IV	DBM6101	DBM6091	48	48	6
		Total	96	96	12

	Eighth term				
List of subjects or learning units Key		Droroguioito	Но	Credits	
List of subjects of learning units	Ney	Prerequisite	With teacher	Independent	(Units)
Research seminar III	DBM6061	DBM6051	48	48	6
Thesis V	DBM6111	DBM6101	48	48	6
		Total	96	96	12

	Ninth term				
List of subjects or learning units Key		Prerequisite	Но	Credits	
List of subjects of learning units	Rey	Frerequisite	With teacher	Independent	(Units)
Research seminar IV	DBM6071	DBM6061	48	48	6
Thesis VII	DBM6121	DBM6111	48	48	6
		Total	96	96	12

	Tenth term				
List of subjects or learning units Key		Droveguieite	Но	Credits	
List of subjects or learning units	Rey	Prerequisite	With teacher	Independent	(Units)
Research seminar V	DBM6081	DBM6071	48	48	6
Thesis VII	DBM6131	DBM6121	48	48	6
		Total	96	96	12

Key
DBM5181
DBM6191
DBM5201
DBM5211

Advanced elective 1, 2, 3		
List of subjects or learning units	Key	
Medical systems biology	DBM6141	
Genomic medicine	DBM6151	
Select themes I	DBM6161	
Identification of biological compounds	DBM6171	
Nanomedicine	DBM6181	
Select themes II	DBM6191	
Clinical research	DBM6201	
Molecular methods	DBM6211	
Select themes III	DBM6221	