



**DEPARTMENT OF MEDICAL BIOLOGY AND GENETICS (VETERINARY)  
MASTER'S DEGREE (WITH THESIS) PROGRAMME**

SEMESTER: I							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					National	ECTS
VMBY 101	Expertise Branch Course	C	8	0	8	0	9
VMBY 102	Thesis Preparation Study	C	0	1	1	0	1
<b>Elective Courses</b> (Total 20 ECTS credit courses will be taken in the Elective Courses Pool)							
	Elective Course I	E					4
	Elective Course II	E					4
	Elective Course III	E					4
	Elective Course IV	E					4
	Elective Course V	E					4
	<b>Total</b>						<b>30</b>

SEMESTER: II							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					National	ECTS
VMBY 103	Expertise Branch Course	C	8	0	8	0	9
VMBY 104	Thesis Preparation Study	C	0	1	1	0	1
VMBY 105	Seminar	C	0	2	2	0	4
<b>Elective Courses</b> (Total 16 ECTS credit courses will be taken in the Elective Courses Pool)							
	Elective Course I	E					4
	Elective Course II	E					4
	Elective Course III	E					4
	Elective Course IV	E					4
	<b>Total</b>						<b>30</b>

SEMESTER: III							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					National	ECTS
VMBY 106	Thesis Study	C	0	1	1	0	21
VMBY 107	Expertise Branch Course	C	8	0	8	0	9
	<b>Total</b>		<b>8</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>30</b>

SEMESTER: IV							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					National	ECTS
VMBY 108	Thesis Study	C	0	1	1	0	21
VMBY 109	Expertise Branch Course	C	8	0	8	0	9
	<b>Total</b>		<b>8</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>30</b>

SEMESTER: V							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					National	ECTS
VMBY 110	Thesis Study	C	0	1	1	0	21
VMBY 111	Expertise Branch Course	C	8	0	8	0	9
	<b>Total</b>		<b>8</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>30</b>

SEMESTER: VI							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					<b>National</b>	<b>ECTS</b>
VMBY 112	Thesis Study	C	0	1	1	0	21
VMBY 113	Expertise Branch Course	C	8	0	8	0	9
<b>Total</b>			<b>8</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>30</b>

ELECTIVE COURSES POOL							
C. CODE	NAME OF THE COURSES	C/E	Teory	Prctica	Total	Credit	
	<b>Elective Course</b>					<b>National</b>	<b>ECTS</b>
VMBY 114	Investigation Methods	E	3	0	3	3	4
VMBY 115	Basic Genetics	E	2	2	4	3	4
VMBY 116	Cell Biology	E	2	0	2	2	4
VMBY 117	Genetic And Environment	E	2	0	2	2	4
VMBY 118	Cytogenetics	E	2	2	4	3	4
VMBY 119	Genetic Epidemiology	E	2	0	2	2	4
VMBY 120	Epigenetics	E	2	0	2	2	4
VMBY 121	Moleculer Cell Biology	E	2	2	4	3	4
VMBY 122	Molecular Genetics	E	2	2	4	3	4
VMBY 123	Gene Structure And Function	E	2	0	2	2	4
VMBY 124	Genetic Counselling And Ethics	E	2	0	2	2	4
VMBY 125	Population Genetics	E	2	0	2	2	4
VMBY 126	The Chomosomal Illness	E	2	0	2	2	4
VMBY 127	The Search And The Methods	E	2	0	2	2	4
VMBY 128	Detrimental And Lethal Genes In Farm Animals	E	2	0	2	2	4
VMBY 129	Mutations And Its Genetics	E	2	0	2	2	4
VMBY 130	Moleculer Biology Techniques	E	2	2	4	3	4
VMBY 131	Gene Therapy	E	2	0	2	2	4
VMBY 132	The Biotechnology In Veterinary Science	E	2	0	2	2	4
VMBY 133	Pcr And Its Usage	E	2	2	4	3	4
VMBY 134	The Genetics And Biology Of Cancer	E	2	0	2	2	4
VMBY 135	The Gene Engineering	E	2	0	2	2	4
VMBY 136	Bioistatistik	E	3	0	3	3	4