



**DEPARTMENT OF MEDICAL BIOLOGY AND GENETICS (VETERINARY)
DOCTORATE PROGRAMME**

SEMESTER: I							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
VMBD 101	Expertise Branch Course	C	8	0	8	0	9
VMBD 102	Thesis Preparation Study	C	0	1	1	0	1
Elective Courses (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
	Total						30

SEMESTER: II							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
VMBD 103	Expertise Branch Course	C	8	0	8	0	9
VMBD 104	Thesis Preparation Study	C	0	1	1	0	1
Elective Courses (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
	Total						30

SEMESTER: III							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
VMBD 105	Expertise Branch Course	C	8	0	8	0	9
VMBD 106	Thesis Preparation Study	C	0	1	1	0	1
VMBD 107	Seminar	C	0	2	2	0	4
Elective Courses (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
	Total						30

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

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

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

SEMESTER: VII							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VMBD 114	Thesis Study	C	0	1	1	0	21
VMBD 115	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: VIII							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VMBD 116	Thesis Study	C	0	1	1	0	21
VMBD 117	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: IX							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VMBD 118	Thesis Study	C	0	1	1	0	21
VMBD 119	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: X							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VMBD 120	Thesis Study	C	0	1	1	0	21
VMBD 121	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: XI							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VMBD 122	Thesis Study	C	0	1	1	0	21
VMBD 123	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: XII							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VMBD 124	Thesis Study	C	0	1	1	0	21
VMBD 125	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

ELECTIVE COURSES POOL							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Elective Courses					National	ECTS
VMBD 126	Investigation Methods	E	3	0	3	3	4
VMBD 127	Development and Learning	E	3	0	3	3	4
VMBD 128	Instructional Planning and Evaluation	E	3	0	3	3	4
VMBD 129	Basic Genetics I	E	2	2	4	3	4
VMBD 130	Basic Genetics Ii	E	2	2	4	3	4
VMBD 131	Cell Biology I	E	2	0	2	2	4
VMBD 132	Cell Biology Ii	E	2	0	2	2	4
VMBD 133	Cytogenetic I	E	2	2	4	3	4
VMBD 134	Cytogenetics Ii	E	2	2	4	3	4
VMBD 135	Prokaryotic Molecular Genetics	E	3	1	4	3,5	4
VMBD 136	Eukaryotic Molecular Genetics	E	3	1	4	3,5	4
VMBD 137	Population Genetics	E	2	0	2	2	4
VMBD 138	Biostatistics	E	3	0	3	3	4
VMBD 139	Gene Structure And Function	E	2	0	2	2	4
VMBD 140	Genetic Counselling And Ethics	E	2	0	2	2	4
VMBD 141	Genetic And Environment	E	2	0	2	2	4
VMBD 142	Genetics And Behavior	E	2	0	2	2	4
VMBD 143	Genetic Disorders Of Livestocks	E	2	0	2	2	4
VMBD 144	The Biotechnology In Veterinary Science	E	2	0	2	2	4
VMBD 145	Moleculer Biology Techniques	E	2	2	4	3	4
VMBD 146	The Genetics And Biology Of Cancer	E	2	0	2	2	4
VMBD 147	Epigenetics	E	2	0	2	2	4
VMBD 148	The Search And The Methods	E	2	0	2	2	4
VMBD 149	Pcr And Its Usage	E	2	2	4	3	4
VMBD 150	The Gene Engineering	E	2	0	2	2	4
VMBD 151	The Molecular Systematics	E	2	0	2	2	4