



**DEPARTMENT OF REPRODUCTION AND ARTIFICIAL INSEMINATION
(VETERINARY) MASTER'S DEGREE (WITH THESIS) PROGRAMME**

I. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo	Prac.	Tot.	Credit	
	Compulsory Course					National	ECTS
VDSY 101	Expertise Branch Course	C	8	0	8	0	9
VDSY 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

II. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo	Prac.	Tot.	Credit	
	Compulsory Course					National	ECTS
VDSY 103	Expertise Branch Course	C	8	0	8	0	9
VDSY 104	Thesis Preparation Study	C	0	1	1	0	1
VDSY 105	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

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

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

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

VI. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo	Prac.	Tot.	Credit	
	Compulsory Course					National	ECTS
VDSY 112	Thesis Study	C	0	1	1	0	21
VDSY 113	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
VDSY 114	Reproductive System and Anatomical Structure in Domestic Animals	E	3	0	3	3	4
VDSY 115	Gametogenesis	E	3	0	3	3	4
VDSY 116	Reproductive Hormones and Effectivity	E	3	0	3	3	4
VDSY 117	Sexual Cycles in Livestock Animal	E	3	0	3	3	4
VDSY 118	Biostatistics	E	3	0	3	3	4
VDSY 119	Importance of Artificial Insemination	E	3	0	3	3	4
VDSY 120	Breeding Hygiene	E	3	0	3	3	4
VDSY 121	The Best Suitable Insemination Time in Animal Species	E	3	0	3	3	4
VDSY 122	Reproductive Management and Selection of Male Yeast	E	3	0	3	3	4
VDSY 123	Embryo Transferring	E	2	2	4	3	4
VDSY 124	Andrological Examination	E	2	2	4	3	4
VDSY 125	Main Factors Effecting Fertility	E	3	0	3	3	4
VDSY 126	Examination and Evaluation of Semen	E	3	0	3	3	4
VDSY 127	Male Infertility	E	3	0	3	3	4
VDSY 128	Reproduction and Artificial Insemination in the Cow	E	2	2	4	3	4
VDSY 129	Short and Long-Term Storage of Semen	E	2	2	4	3	4
VDSY 130	Reproduction and Artificial Insemination in the Horse	E	3	0	3	3	4
VDSY 131	Reproduction and Artificial Insemination in the Sheep and Goat	E	3	0	3	3	4
VDSY 132	In Vitro Fertilization	E	3	0	3	3	4
VDSY 133	Reproductive Physiology in the Water Buffalo	E	2	2	4	3	4
VDSY 134	Criobiology	E	2	2	4	3	4
VDSY 135	Investigation Methods	E	3	0	3	3	4