



## DEPARTMENT OF VIROLOGY (VETERINARY) DOCTORATE PROGRAMME

SEMESTER: I							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					<b>National</b>	<b>ECTS</b>
VVD 101	Expertise Branch Course	C	8	0	8	0	9
VVD 102	Thesis Preparation Study	C	0	1	1	0	1
<b>Elective Courses (Total 20 ECTS credit courses will be taken in the Elective Courses Pool)</b>							
	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>					<b>National</b>	<b>ECTS</b>
VVD 103	Expertise Branch Course	C	8	0	8	0	9
VVD 104	Thesis Preparation Study	C	0	1	1	0	1
<b>Elective Courses (Total 20 ECTS credit courses will be taken in the Elective Courses Pool)</b>							
	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: III							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					<b>National</b>	<b>ECTS</b>
VVD 105	Expertise Branch Course	C	8	0	8	0	9
VVD 106	Thesis Preparation Study	C	0	1	1	0	1
VVD 107	Seminar	C	0	2	2	0	4
<b>Elective Courses (Total 16 ECTS credit courses will be taken in the Elective Courses Pool)</b>							
	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: IV							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					<b>National</b>	<b>ECTS</b>
VVD 108	Thesis Study	C	0	1	1	0	21
VVD 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>					<b>National</b>	<b>ECTS</b>
VVD 110	Thesis Study	C	0	1	1	0	21
VVD 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>
VVD 112	Thesis Study	C	0	1	1	0	21
VVD 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>

SEMESTER: VII							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					<b>National</b>	<b>ECTS</b>
VVD 114	Thesis Study	C	0	1	1	0	21
VVD 115	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: VIII							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					<b>National</b>	<b>ECTS</b>
VVD 116	Thesis Study	C	0	1	1	0	21
VVD 117	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: IX							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					<b>National</b>	<b>ECTS</b>
VVD 118	Thesis Study	C	0	1	1	0	21
VVD 119	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: X							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					<b>National</b>	<b>ECTS</b>
VVD 120	Thesis Study	C	0	1	1	0	21
VVD 121	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: XI							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					<b>National</b>	<b>ECTS</b>
VVD 122	Thesis Study	C	0	1	1	0	21
VVD 123	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: XII							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Compulsory Courses</b>					<b>National</b>	<b>ECTS</b>
VVD 125	Thesis Study	C	0	1	1	0	21
VVD 126	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	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	<b>Elective Courses</b>					<b>National</b>	<b>ECTS</b>
VVD 126	Development and Learning	E	3	0	3	3	4
VVD 127	Instructional Planning and Evaluation	E	3	0	3	3	4
VVD 128	Investigation Methods	E	3	0	3	3	4
VVD 129	Invivo and invitro Systems used on virological studies	E	3	0	3	3	4
VVD 130	Virus infections of ruminants	E	2	0	2	2	4
VVD 131	Virus infections of dogs and cats	E	2	0	2	2	4
VVD 132	Virus infections sheep and goats	E	2	0	2	2	4
VVD 133	General features of viruses	E	2	2	4	3	4
VVD 134	Mediums and filtration	E	3	0	3	3	4
VVD 135	Infection value of viruses	E	3	0	3	3	4
VVD 136	Virus host interactions	E	2	0	2	2	4
VVD 137	Inoculation and propagation of viruses to the Invivo and Invitro Systems	E	3	0	3	3	4
VVD 138	Virus infections of equines	E	2	0	2	2	4
VVD 139	Virus infections of fishes	E	2	0	2	2	4
VVD 140	Epidemiology of Virus infections	E	2	0	2	2	4
VVD 141	Physical and chemical methods for virus propagation	E	2	2	4	3	4
VVD 142	Serological methods for virus identification	E	3	0	3	3	4
VVD 143	Viral Hastalkların Patogenezi	E	3	0	3	3	4
VVD 144	Transmissible Spongiform Encefalopathies	E	2	0	2	2	4
VVD 145	Viral Zoonotic diseases	E	2	0	2	2	4
VVD 146	Classification of viruses	E	2	0	2	2	4
VVD 147	Clinical Virology	E	2	2	4	3	4
VVD 148	Viral vaccines	E	2	0	2	2	4
VVD 149	Propagation of viruses	E	2	2	4	3	4
VVD 150	Viral Persistens	E	2	0	2	2	4
VVD 151	Cell transformations due to viruses	E	2	2	4	3	4
VVD 152	Sampling for virological diagnosis	E	2	2	4	3	4
VVD 153	Seminar I	E	0	2	2	1	4
VVD 154	Viral Abortus	E	2	0	2	2	4
VVD 155	Reproductive diseases	E	2	0	2	2	4
VVD 156	Elektrophoresis and usage on virology	E	2	2	4	3	4
VVD 157	Environmental Virology	E	2	0	2	2	4
VVD 158	Retroviruses	E	2	0	2	2	4