Study Plan

Plan 1.1 Academic (Thesis only)

Year	Semester 1			Semester 2		
1	VSID 798	Thesis - Literature Synthesis - Committee formation - Proposal Defense - Ethical Clearance	36 (0-108-0)	VSID 798	Thesis - Pilot Study/Optimization - Active Data Acquisition - Progress Seminar I	(Cont.)
	Total 36 credits			**Total - credits**		
2	VSID 798	Thesis - Data Completion - Biostatistical Analysis - Drafting Results - Progress Seminar II	(Cont.)	VSID 798	Thesis - Thesis Writing - External Review - Final Defense - Manuscript Submission	(Cont.)
	Total - credits			**Total - credits**		

Plan 1.2 Academic (Course work and Thesis)

1) Veterinary Diagnostic Sciences

Year	Semester 1			Semester 2		
1	VSID 700	Seminar in Veterinary Biomedical Science I	1 (1-0-2)	VSID701	Seminar in Veterinary Biomedical Science II	1 (1-0-2)
	VSID 702	Research Methodology for Veterinary Biomedical Science	2 (2-0-4)	VSPA710	Causes and Progression of Disease	3 (2-3-4)
	VSID 703	Current Topics for Veterinary Biomedical Science	1 (1-0-2)	VSPA 711	Laboratory Diagnostic Techniques	3 (2-3-4)
	VSID 704	Veterinary Biostatistics for Biomedical Science	3 (2-3-4)	VSID 726	Problem solving for Veterinary Diagnostic Sciences	1 (1-0-2)
	VSID 807	Veterinary Welfare in Research	1 (1-0-2)			
	VSPA712	Biosafety and Biosecurity in Laboratory Management	1 (1-0-2)			
		Elective	3 credits		Elective	4 credits
		Total	**12 credits**		**Total**	**12 credits**
2	VSID 698	Thesis - Literature Synthesis - Committee formation - Proposal Defense - Ethical Clearance - Pilot Study/Optimization - Active Data Acquisition - Progress Seminar I	12 (0-36-0)	VSID 698	Thesis - Data Completion - Biostatistical Analysis - Drafting Results - Progress Seminar II - Thesis Writing - External Review - Final Defense - Manuscript Submission	(Cont.)
		Total	**12 credits**		**Total**	**- credits**

2) Applied Veterinary Biomedical Sciences

Year	Semester 1			Semester 2		
1	VSID 700	Seminar in Veterinary Biomedical Science I	1 (1-0-2)	VSID701	Seminar in Veterinary Biomedical Science II	1 (1-0-2)
	VSID 702	Research Methodology for Veterinary Biomedical Science	2 (2-0-4)	VSPA 714	Applied cell biology and innovation	3 (2-3-4)
	VSID 703	Current Topics for Veterinary Biomedical Science	1 (1-0-2)	VSPA 731	Protein Science for Applied Biomedical Research	3 (3-0-6)
	VSID 704	Veterinary Biostatistics for Biomedical Science	3 (2-3-4)	VSID 737	Problem solving for Veterinary Biomedical Science	1 (1-0-2)
	VSID 807	Veterinary Welfare in Research	1 (1-0-2)			
	VSPA 742	Data Science and Artificial Intelligence for Biomedical Science	1 (0-3-0)			
		Elective	3 credits		Elective	4 credits
		Total	**12 credits**		**Total**	**12 credits**
2	VSID 698	Thesis - Literature Synthesis - Committee formation - Proposal Defense - Ethical Clearance - Pilot Study/Optimization - Active Data Acquisition - Progress Seminar	12 (0-36-0)	VSID 698	Thesis - Data Completion - Biostatistical Analysis - Drafting Results - Progress Seminar II - Thesis Writing - External Review - Final Defense - Manuscript Submission	(Cont.)
		Total	**12 credits**		**Total**	**- credits**

3) Zoo, Wildlife, and Exotic Animal Health Managements

Year	Semester 1			Semester 2		
1	VSID 700	Seminar in Veterinary Biomedical Science I	1 (1-0-2)	VSID701	Seminar in Veterinary Biomedical Science II	1 (1-0-2)
	VSID 702	Research Methodology for Veterinary Biomedical Science	2 (2-0-4)	VSCL 782	Ecology and Conservation Biology	3 (2-3-4)
	VSID 703	Current Topics for Veterinary Biomedical Science	1 (1-0-2)	VSCL788	Care and Management of Zoo and Exotic Animal	3 (2-3-4)
	VSID 704	Veterinary Biostatistics for Biomedical Science	3 (2-3-4)	VSCL 789	Wildlife Management	2 (2-0-4)
	VSID 807	Veterinary Welfare in Research	1 (1-0-2)			
		Elective	4 credits		Elective	3 credits
		Total	**12 credits**		**Total**	**12 credits**
2	VSID698	Thesis - Literature Synthesis - Committee formation - Proposal Defense - Ethical Clearance - Pilot Study/Optimization - Active Data Acquisition - Progress Seminar	12 (0-36-0)	VSID698	Thesis - Data Completion - Biostatistical Analysis - Drafting Results - Progress Seminar II - Thesis Writing - External Review - Final Defense - Manuscript Submission	(Cont.)
		Total	**12 credits**		**Total**	**- credits**

4) Veterinary Public Health

Year	Semester 1			Semester 2		
1	VSID 700	Seminar in Veterinary Biomedical Science I	1 (1-0-2)	VSID701	Seminar in Veterinary Biomedical Science II	1 (1-0-2)
	VSID 702	Research Methodology for Veterinary Biomedical Science	2 (2-0-4)	VSID 736	Food Safety and Security	3 (3-0-6)
	VSID 703	Current Topics for Veterinary Biomedical Science	1 (1-0-2)	VSCL 745	Current concept in Veterinary Public Health	2 (2-0-4)
	VSID 704	Veterinary Biostatistics for Biomedical Science	3 (2-3-4)	VSCL 757	Advanced Epidemiology in Veterinary Science	2 (2-0-4)
	VSID 807	Veterinary Welfare in Research	1 (1-0-2)			
	VSCL 746	International laws and regulations for Veterinary Public Health	1 (1-0-2)			
		Elective	3 credits		Elective	4 credits
		Total	**12 credits**		**Total**	**12 credits**
2	VSID698	Thesis - Literature Synthesis - Committee formation - Proposal Defense - Ethical Clearance - Pilot Study/Optimization - Active Data Acquisition - Progress Seminar	12 (0-36-0)	VSID 698	Thesis - Data Completion - Biostatistical Analysis - Drafting Results - Progress Seminar II - Thesis Writing - External Review - Final Defense - Manuscript Submission	(Cont.)
		Total	**12 credits**		**Total**	**- credits**

Plan 2 Profession

1) Veterinary Diagnostic Sciences

Year	Semester 1			Semester 2		
1	VSID 700	Seminar in Veterinary Biomedical Science I	1 (1-0-2)	VSID 701	Seminar in Veterinary Biomedical Science II	1 (1-0-2)
	VSID 702	Research Methodology for Veterinary Biomedical Science	2 (2-0-4)	VSPA 710	Causes and Progression of Disease	3 (2-3-4)
	VSID 703	Current Topics for Veterinary Biomedical Science	1 (1-0-2)	VSPA 711	Laboratory Diagnostic Techniques	3 (2-3-4)
	VSID 704	Veterinary Biostatistics for Biomedical Science	3 (2-3-4)	VSID 726	Problem solving for Veterinary Diagnostic Sciences	1 (1-0-2)
	VSID 807	Veterinary Welfare in Research	1 (1-0-2)		Comprehensive Examination	
	VSPA712	Biosafety and Biosecurity in Laboratory Management	1 (1-0-2)			
		Elective	3 credits		Elective	4 credits
		Total	**12 credits**		**Total**	**12 credits**
2		Elective	3 credits		Elective	3 credits
	VSID 696	Independent study - Proposal and Advisor Matching - Methodological Setup - Execution and Data Collection - Formative Progress Report - Literature Synthesis	6 (0-18-0)	VSID 696	Independent study - Data Finalization - Final Report Drafting - Final Examination	(Cont.)
		Total	**9 credits**		**Total**	**3 credits**

2) Applied Veterinary Biomedical Sciences

Year	Semester 1			Semester 2		
1	VSID 700	Seminar in Veterinary Biomedical Science I	1 (1-0-2)	VSID701	Seminar in Veterinary Biomedical Science II	1 (1-0-2)
	VSID 702	Research Methodology for Veterinary Biomedical Science	2 (2-0-4)	VSPA 714	Applied cell biology and innovation	3 (2-3-4)
	VSID 703	Current Topics for Veterinary Biomedical Science	1 (1-0-2)	VSPA 731	Protein Science for Applied Biomedical Research	3 (3-0-6)
	VSID 704	Veterinary Biostatistics for Biomedical Science	3 (2-3-4)	VSID 737	Problem solving for Veterinary Biomedical Science	1 (1-0-2)
	VSID 807	Veterinary Welfare in Research	1 (1-0-2)		Comprehensive Examination	
	VSPA 742	Data Science and Artificial Intelligence for Biomedical Science	1 (0-3-0)			
		Elective	3 credits		Elective	4 credits
		Total	**12 credits**		**Total**	**12 credits**
2		Elective	3 credits		Elective	3 credits
	VSID 696	Independent study - Proposal and Advisor Matching - Methodological Setup - Execution and Data Collection - Formative Progress Report - Literature Synthesis	6 (0-18-0)	VSID 696	Independent study - Data Finalization - Final Report Drafting - Final Examination	(Cont.)
		Total	**9 credits**		**Total**	**3 credits**

3) Zoo, Wildlife, and Exotic Animal Health Managements

Year	Semester 1			Semester 2		
1	VSID 700	Seminar in Veterinary Biomedical Science I	1 (1-0-2)	VSID701	Seminar in Veterinary Biomedical Science II	1 (1-0-2)
	VSID 702	Research Methodology for Veterinary Biomedical Science	2 (2-0-4)	VSCL 782	Ecology and Conservation Biology	3 (2-3-4)
	VSID 703	Current Topics for Veterinary Biomedical Science	1 (1-0-2)	VSCL788	Care and Management of Zoo and Exotic Animal	3 (2-3-4)
	VSID 704	Veterinary Biostatistics for Biomedical Science	3 (2-3-4)	VSCL 789	Wildlife Management	2 (2-0-4)
	VSID 807	Veterinary Welfare in Research	1 (1-0-2)		Comprehensive Examination	
		Elective	3 credits		Elective	4 credits
		Total	**12 credits**		**Total**	**12 credits**
2		Elective	3 credits		Elective	3 credits
	VSID 696	Independent study - Proposal and Advisor Matching - Methodological Setup - Execution and Data Collection - Formative Progress Report - Literature Synthesis	6 (0-18-0)	VSID 696	Independent study - Data Finalization - Final Report Drafting - Final Examination	(Cont.)
		Total	**9 credits**		**Total**	**3 credits**

4) Veterinary Public Health

Year	Semester 1			Semester 2		
1	VSID 700	Seminar in Veterinary Biomedical Science I	1 (1-0-2)	VSID701	Seminar in Veterinary Biomedical Science II	1 (1-0-2)
	VSID 702	Research Methodology for Veterinary Biomedical Science	2 (2-0-4)	VSID 736	Food Safety and Security	3 (3-0-6)
	VSID 703	Current Topics for Veterinary Biomedical Science	1 (1-0-2)	VSCL 745	Current concept in Veterinary Public Health	2 (2-0-4)
	VSID 704	Veterinary Biostatistics for Biomedical Science	3 (2-3-4)	VSCL 757	Advanced Epidemiology in Veterinary Science	2 (2-0-4)
	VSID 807	Veterinary Welfare in Research	1 (1-0-2)		Comprehensive Examination	
	VSCL 746	International laws and regulations for Veterinary Public Health	1 (1-0-2)			
		Elective	3 credits		Elective	4 credits
		Total	**12 credits**		**Total**	**12 credits**
2		Elective	3 credits		Elective	3 credits
	VSID 696	Independent study - Proposal and Advisor Matching - Methodological Setup - Execution and Data Collection - Formative Progress Report - Literature Synthesis	6 (0-18-0)	VSID 696	Independent study - Data Finalization - Final Report Drafting - Final Examination	(Cont.)
		Total	**9 credits**		**Total**	**3 credits**