

Revised plan, approved

CODE	COURSE NAME (EN) / SYLLABUS	CONTACT HOURS			ECTS
		Lectures	Lab/Clinic	TP	
1st Year / Winter Semester					
9847101	Introduction to Animal Organism	27	21	-	4
9847102	Animal Organism I — From Molecule to Cell	39	48	-	6
9847103	Animal Organism II — From Cell to Tissue	39	48	-	6
9847111	Animal Behaviour	39	-	27	5
9847115	Exognosis	39	-	27	5
9847106	Veterinarian and Society	12	-	15	2
9847107	Professional Orientation I — clinical and research laboratory	18	-	-	2
1st Year / Spring Semester					
9847108	Animal Body Function I	29	21	-	3
9847109	Animal Body Function II	29	21	-	3
9847110	Animal Body Function III	26	21	-	3
9847104	Animal Organism III — From tissue to organism	36	45	6	6
9847112	Introduction to diagnosis	18	-	18	3
9847113	Plant Biology, Agriculture and Environment	12	-	18	3
9847114	Scientific thinking	27	-	21	4
9847105	Genetic fundaments: from the genome to the population	36	36	-	5
2nd Year / Winter Semester					
9847201	Animal Body Function IV	30	21	-	3
9847202	Animal Body Function V	30	21	-	3
9847203	Animal Body Function VI	27	21	-	3
9847204	Animal Body Function VII	30	21	-	3
9847209	Optional I	15	-	12	2

9847310	Epidemiology	21	-	18	3
9847313	Animal Welfare	9	-	6	2
9847206	Immunology fundamentals	21	27	-	3
9847207	Microbiology, Infection, Immunity	45	54	-	7
9847208	Professional Orientation II — Animal Production and Farm Animals	-	-	12	1
2 nd Year / Spring Semester					
9847217	Optional II	15	-	12	2
9847314	Fundamentals of Pathology and Pathological Anatomy	33	42	-	6
	Marketing	9	-	9	1
9847210	Animal Body Function VIII	29	21	-	3
9847211	Animal Body Function IX	29	21	-	3
9847212	Animal Body Function X	29	21	-	3
9847213	Parasitology, Infection, Immunity	48	-	48	7
9847215	Animal Nutrition	24	15	12	4
9847216	Professional Orientation III— Animal Production and Farm Animals	-	-	15	1
3 rd Year / Winter Semester					
9847205	Economics and Management	27	-	21	3
9847214	Pharmacology and Therapeutics I	30	12	12	4
	Medical Imaging	18	-	12	2
9847301	Integrated Clinical Reasoning I	45	36	33	8
9847302	Animal Feeding	21	-	18	4
9847303	Hygiene and Food Safety	27	12	21	4
9847304	Food and Animal Products Technology I	39	12	27	4
9847308	Optional III	15	-	12	2
3 rd Year / Spring Semester					
9847306	Analgesia and Anesthesia	39	-	27	4
9847309	Integrated Clinical Reasoning II	45	30	39	8
9847305	Pharmacology and Therapeutics II	33	9	24	5

9847311	Food and Animal Products Technology II	39	12	27	4
9847312	Toxicology	27	9	18	4
	Interpersonal Communication Dynamics	-	-	36	2
9847307	Professional Orientation IV — Companion Animals	-	-	15	1
9847316	Optional IV	15	-	12	2
4 th Year / Winter Semester					
9847401	Medicine and Surgery I	51	81	-	7
9847402	Medicine and Surgery II	27	30	-	3
9847403	Medicine and Surgery III	48	84	-	7
9847404	Medicine and Surgery IV	36	42	-	4
9847405	Veterinary Sanitary Responsibilities I	30	-	27	5
9847406	Zootechnics I	21	-	24	4
4 th Year / Spring Semester					
9847407	Medicine and Surgery V	36	42	-	4
9847408	Medicine and Surgery VI	36	42	-	4
9847409	Medicine and Surgery VII	36	42	-	4
9847410	Medicine and Surgery VIII	36	42	-	4
9847411	Medicine and Surgery IX	18	21	-	2
9847412	Medicine and Surgery X	30	27	-	3
9847413	Veterinary Sanitary Responsibilities II	30	-	27	5
9847414	Zootechnics II	21	-	24	4
5 th Year / Winter Semester					
9847505	Companion Animals Applied Clinic I	39	30	-	5
9847506	Equine Applied Clinic I	39	30	-	5
9847507	Management and Health of Livestock I	39	30	-	5
9847508	Applied Veterinary Public Health I	33	36	-	5
Optativa B	Specialization Module I	-	150	-	10
5 th Year / Spring Semester					
9847513	Companion Animals Applied Clinic II	39	30	-	5

9847514	Equine Applied Clinic II	39	30	-	5
9847515	Management and Health of Livestock II	39	30	-	5
9847516	Applied Veterinary Public Health II	33	36	-	5
Optativa B	Specialization Module II	-	150	-	10
6 th Year / Winter Semester					
	Opcional V	15	-	12	2
	Opcional VI	15	-	12	2
	Opcional VII	15	-	12	2
	Behavioural Medicine	39	-	18	3
	Mindfulness	-	-	18	1
	Ethics and Deontology	9	-	6	1
	Project Work Preparation	52	-	-	8
6 th Year / Anual					
9847601	Externship	-	850	-	41

CODE	ELECTIVE COURSES (EN)	CONTACT HOURS			ECTS
		Lectures	Lab/Clinic	TP	
9847209	Optional I	15	-	12	2
9847217	Optional II	15	-	12	2
9847308	Optional III	15	-	12	2
9847316	Optional IV	15	-	12	2
	Optional V	15	-	12	2
	Optional VI	15	-	12	2
	Optional VII	15	-	12	2
Optativa B	Specialization Module - Companion Animals I	-	150	-	10
Optativa B	Specialization Module - Equine I	-	150	-	10
Optativa B	Specialization Module - Management and Health of Livestock I	-	150	-	10
Optativa B	Specialization Module - Applied Veterinary Public Health I	-	150	-	10

Optativa B	Specialization Module - Companion Animals II	-	150	-	10
Optativa B	Specialization Module - Equine II	-	150	-	10
Optativa B	Specialization Module - Management and Health of Livestock II	-	150	-	10
Optativa B	Specialization Module - Applied Veterinary Public Health II	-	150	-	10

Optativa. a) As Unidades Curriculares de Opção são definidas anualmente pelo órgão competente e podem pertencer a qualquer uma das áreas científicas especificadas no ciclo de estudos. Os estudantes só escolhem uma das Unidades Curriculares de Opção, disponibilizadas.

Optativa. b) Módulos especializantes — o estudante escolhe um dos módulos especializantes em cada semestre.

Mestrado Integrado em Medicina Veterinária
Teaching Language: English

CODE	COURSE NAME (EN) / SYLLABUS	CONTACT HOURS			ECTS
		Lectures	Lab/Clinic	TP	
1st Year / Winter Semester					
9847101	Introduction to Animal Organism	26	26	-	3
9847102	Animal Organism I — From Molecule to Cell	26	52	-	6
9847103	Animal Organism II — From Cell to Tissue	26	52	-	6
9847104	Animal Organism III — From tissue to organism	26	52	-	6
9847105	Genetic fundaments: from the genome to the population	26	39	-	5
9847106	Veterinarian and Society	13	-	13	2
9847107	Professional Orientation I — clinical and research laboratory	-	-	-	2
1st Year / Spring Semester					
9847108	Animal Body Function I	26	52	-	6
9847109	Animal Body Function II	26	26	-	3
9847110	Animal Body Function III	26	26	-	3
9847111	Animal behaviour	26	26	-	3
9847112	Introduction to diagnosis	26	26	-	3
9847113	Plant Biology, Agriculture and Environment	26	-	39	4
9847114	Scientific thinking	26	-	39	4
9847115	Exognosis	26	-	39	4
2nd Year / Winter Semester					
9847201	Animal Body Function IV	26	26	-	3
9847202	Animal Body Function V	26	26	-	3
9847203	Animal Body Function VI	26	26	-	3
9847204	Animal Body Function VII	26	26	-	3
9847205	Economics,Management and Marketing	26	26	-	3
9847206	Immunology fundaments	26	39	-	4

9847207	Microbiology, Infection, Immunity	39	65	-	7
9847208	Professional Orientation II — Animal Production and Farm Animals	-	39	-	2
2nd Year / Spring Semester					
9847209	Optional I	13	-	13	2
9847210	Animal Body Function VIII	26	-	26	3
9847211	Animal Body Function IX	26	-	26	3
9847212	Animal Body Function X	26	-	26	3
9847213	Parasitology, Infection, Immunity	39	-	65	7
9847214	Pharmacology and Therapeutics I	26	26	26	6
9847215	Animal Nutrition	26	13	26	4
9847216	Professional Orientation III— Animal Production and Farm Animals	-	39	-	2
3rd Year / Winter Semester					
9847301	Integrated Clinical Reasoning I	26	26	26	6
9847302	Animal Feeding	26	-	39	4
9847303	Hygiene and Food Safety	26	13	26	4
9847304	Food and Animal Products Technology I	26	13	26	4
9847305	Pharmacology and Therapeutics II	26	39	-	4
9847306	Analgesia and Anesthesia	26	-	39	4
9847307	Professional Orientation IV — Companion Animals and Equine	-	39	-	2
9847308	Optional III	13	-	13	2
3rd Year / Spring Semester					
9847309	Integrated Clinical Reasoning II	26	26	26	6
9847310	Epidemiology	26	-	26	3
9847311	Food and Animal Products Technology II	26	13	26	5
9847312	Toxicology	26	13	26	4
9847313	Animal Welfare and Protection	26	-	39	4
9847314	Fundamentals of Pathology and Pathological Anatomy	26	39	-	4

9847315	Professional Orientation V — Companion Animals and Equine	-	39	-	2
9847316	Optional IV	13	13	-	2
4th Year / Winter Semester					
9847401	Medicine and Surgery I	26	52	-	6
9847402	Medicine and Surgery II	26	39	-	4
9847403	Medicine and Surgery III	26	52	-	6
9847404	Medicine and Surgery IV	26	39	-	4
9847405	Veterinary Sanitary Responsibilities I	26	52	-	6
9847406	Zootechnics I	26	13	26	4
9847407	Medicine and Surgery V	26	39	-	4
4th Year / Spring Semester					
9847408	Medicine and Surgery VI	26	39	-	4
9847409	Medicine and Surgery VII	26	39	-	4
9847410	Medicine and Surgery VIII	13	13	-	2
9847411	Medicine and Surgery IX	26	26	-	3
9847412	Medicine and Surgery X	26	26	-	3
9847413	Veterinary Sanitary Responsibilities II	26	52	-	6
9847414	Zootechnics II	26	39	-	4
5th Year					
9847505	Companion Animals Applied Clinic I	26	52	-	5
9847506	Equine Applied Clinic I	26	52	-	5
9847507	Management and Health of Livestock I	26	52	-	5
9847508	Applied Veterinary Public Health I	26	52	-	5
9847513	Companion Animals Applied Clinic I	26	52	-	5
9847514	Equine Applied Clinic II	26	52	-	5
9847515	Management and Health of Livestock II	26	52	-	5
9847516	Applied Veterinary Public Health II	26	52	-	5
6th Year					
9847601	Externship	-	520	-	30

CODE	ELECTIVE COURSES (EN)	CONTACT HOURS			ECTS
		Lectures	Lab/Clinic	TP	
9847209	Optional I	13	-	13	2
9847217	Optional II	13	-	13	2
9847308	Optional III	13	-	13	2
9847316	Optional IV	13	-	13	2
Optativa B	Specialization Module - Companion Animals I	-	195	-	10
Optativa B	Specialization Module - Equine I	-	195	-	10
Optativa B	Specialization Module - Management and Health of Livestock I	-	195	-	10
Optativa B	Specialization Module - Applied Veterinary Public Health I	-	195	-	10
Optativa B	Specialization Module - Companion Animals II	-	195	-	10
Optativa B	Specialization Module - Equine II	-	195	-	10
Optativa B	Specialization Module - Management and Health of Livestock II	-	195	-	10
Optativa B	Specialization Module - Applied Veterinary Public Health II	-	195	-	10

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Mestrado Integrado em Medicina Veterinária

Teaching Language: English

CODE	COURSE NAME (EN) / SYLLABUS	CONTACT HOURS			ECTS
		Lectures	Lab/Clinic	TP	
1st Year / Winter Semester					
9085101	Organismo Animal I / Animal Organism I	52	52	-	6
9085102	Bioquímica e Biofísica / Biochemistry and Biophysics	52	52	-	6
9085103	Microbiologia / Microbiology	26	26	-	3
9085104	Parasitologia / Parasitology	26	26	-	3
9085105	Citologia e Histologia / Cytology and Histology	39	39	-	5
9085106	Exognosia / Exognosis	39	-	26	4
9085107	Fundamentos de Enfermagem Veterinária / Fundamentals of Veterinary Nursing	13	26	13	3
1st Year / Spring Semester					
9085108	Organismo Animal II / Animal Organism II	52	52		6
9085109	Nutrição e Alimentação Animal / Animal Nutrition and Feeding	39	-	26	4
9085110	Comportamento Animal, Ética e Bem-Estar / Animal Behaviour, Ethics and Welfare	39	-	39	5
9085111	Cuidados de Higiene e Estética Animal / Animal Hygiene and Grooming	39	26	-	4
9085112	Genética e Produção Animal / Genetics and Animal Production	39	-	39	5
9085113	Pensamento Científico em Enfermagem Veterinária / Scientific Thought in Veterinary Nursing	26	-	26	3
9085114	Enfermagem Clínica Veterinária I / Veterinary Clinical Nursing I - Clinical Rotation	13	-	13	3
2nd Year / Winter Semester					
9085201	Fundamentos de Patologia Animal / Fundamentals of Animal Pathology	39	39	-	5

9085202	Doenças Infecciosas e Imunidade / Infectious Diseases and Immunity	39	39	-	5
9085203	Farmacologia em Enfermagem Veterinária / Pharmacology in Veterinary Nursing	39	26	-	4
9085204	Imagiologia em Enfermagem Veterinária / Imaging in Veterinary Nursing	39	26	-	4
9085205	Semiologia em Enfermagem Veterinária / Semiology in Veterinary Nursing	39	39	-	5
9085206	Anestesiologia em Enfermagem Veterinária / Anesthesiology in Veterinary Nursing	39	26	-	4
9085207	Enfermagem Clínica Veterinária II / Veterinary Clinical Nursing II - Clinical Rotation	13	26	13	3
2 nd Year / Spring Semester					
9085208	Papel do Enfermeiro Vet em Laboratório / Laboratory Work for Veterinary Nurses	39	26	-	4
9085209	Enfermagem em Cirurgia Veterinária / Veterinary Surgical Nursing	39	39	-	5
9085210	Enfermagem em Medicina Interna Veterinária / Veterinary Medical Nursing	39	39	-	5
9085211	Fisioterapia e Reabilitação em Enfermagem Veterinária / Physiotherapy and Rehabilitation in Veterinary Nursing	39	26	-	4
9085212	Urgência e Cuidados Intensivos em Enfermagem Veterinária / Urgency and Intensive Care in Veterinary Nursing	26	26	-	3
9085213	Saúde Pública em Enfermagem Veterinária / Public Health in Veterinary Nursing	26	-	26	3
9085214	Gestão e Contabilidade / Management and Accounting in Veterinary Nursing	26	-	26	3
9085215	Enfermagem Clínica Veterinária III / Veterinary Clinical Nursing III - Clinical Rotation	13	26	13	3
3 rd Year / Winter Semester					

9085301	Enfermagem Aplicada em Animais de Companhia/Applied Nursing in Companion Animals	52	65	-	7
9085302	Enfermagem Aplicada em Equinos/Applied Nursing in Equines	52	52	-	6
9085303	Enfermagem Aplicada em Exóticos/Applied Nursing in Exotics	39	26	-	4
9085304	Enfermagem Aplicada em Animais de Produção/Applied Nursing in Farm Animals	52	52	-	6
9085305	Mindfulness em Enfermagem Veterinária/Mindfulness in Veterinary Nursing	26	-	26	2
9085306	Marketing e Tecnologias de Informação/Marketing and Information Technologies	26	-	26	2
9085307	Enfermagem Clínica Veterinária IV - rotação clínica/Veterinary Clinical Nursing IV: clinical rotation	13	26	13	3
3 rd Year / Spring Semester					
9085308	Estágio / Externship	26	520	-	30

Licenciatura em Enfermagem Veterinária

Teaching Language: Portuguese