U LISBOA

UNIVERSIDADE DE LISBOA

FACULDADE DE MEDICINA VETERINÁRIA

EAEVE

Lisbon, 2017

Appendices

SELF EVALUATION REPORT

EAEVE - LISBON 2017

APPENDIX 1

Current academic staff, qualifications, their FTE, teaching responsibilities and departmental affiliations

Appendix 1

Current academic staff, qualifications, their FTE, teaching responsibilities and departmental affiliations

Name	Category	Qualifications	FTE	Main teaching responsabilities	Department
Ana Catarina Torres	Auxiliary Professor (guest)	DVM, PhD Veterinary Sciences	99	Reproduction and Obstetrics I and II (L)	DC
Ana Mafalda G. Xavier Féliz Lourenço Martins	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Pharmacology and Therapeutics I and II, Medical Propaedeutics I, Medicine I and II , Clinical Rotations I and II (L)	DC
Anabela de Sousa Santos Silva Moreira	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Pharmacology and Therapeutics I (L) and II (L), Toxicology (R)	DC
António José de Almeida Ferreira	Full Professor	DVM, PhD Veterinary Sciences	100	Imagiology (SPC, R), Diagnostic Imaging (SPC, R), Clinical Rotations V and VI (SPC); Clinical Director of CAH.	DC
Berta Maria Fernanes Ferreira São Bráz	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Pharmacology and Therapeutics I (R) and II (R), Toxicology (L)	DC
Esmeralda Sofia da Costa Delgado	Auxiliary Professor	DVM, MSc Veterinary Medicine and Tropical Zootechnics, PhD Veterinary Sciences	100	Surgery I (L) and II (L), Clinical Rotations IV (R)	DC
George Thomas Stilwell	Auxiliary Professor	DVM, PhD Veterinary Sciences, Diplom ECBHM	100	Food Animal Clinics I (L) and II (L), Deontology and Bioethics (SPC, R)	DC
José Henrique Duarte Correia	Associate Professor	DVM, PhD Veterinary Sciences	100	Medical Propaedeutics I (SPC) and II (SPC), Medicine I (SPC) and II (SPC, R)	DC
José Manuel Chéu Limão Oliveira	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Anaesthesia and Analgesia (R), Surgical Propaedeutics (R)	DC
José Paulo Pacheco de Sales Luís	Full Professor	DVM, PhD Veterinary Sciences	100	Surgery I (SPC, R) and II (SPC, R), Equine Clinics I (SPC) and II (SPC), Clinical Rotations III (SPC) and IV (SPC)	DC
José Ricardo Dias Bexiga	Auxiliary Professor	DVM, PhD Veterinary Sciences, Diplom ECBHM	100	Food Animal Clinics I (L) and II (L), Reproduction and Obstetrics II (L)	DC
Lisa Alexandra Pereira Mestrinho	Auxiliary (guest)	DVM, PhD Veterinary Sciences, Fellow do American Academy veterinary dentistry	99	Anaesthesia and Analgesia (L), Surgical Propaedeutics (L), Companion Animal Clinics I (L) and II (L)	DC
Luis Filipe Lopes da Costa	Full Professor	DVM, PhD Veterinary Sciences	100	Reproduction and Obstetrics I (SPC) and II (SPC, R)	DC
Luis Miguel Alves Carreira	Auxiliary Professor	DVM, MSc Veterinary Medicine and Tropical Zootechnics, PhD Veterinary Sciences	100	Surgery I (l) and II (L), Clinical Rotations III (R)	DC
Luis Ressano Garcia Pardon Lamas	Auxiliary Professor	DVM, PhD Veterinary Sciences, Diploma ECVS (Large animal surgery)	100	Medical Propaedeutics I (L) and II (L), Surgery I (L) and II (L)	DC
Luisa Maria Freire Leal Mateus	Associate Professor	DVM, PhD Veterinary Sciences	100	Reproduction and Obstetrics I (R) and II (L)	DC
Maria Constança Matias Ferreira Pomba	Associate Professor	DVM, PhD Veterinary Sciences	100	Medicine I (R) and II (L)	DC
Maria Manuela Grave Rodeia Espada Niza	Full Professor	DVM, PhD Veterinary Sciences	100	Companion Animal Clinics I (SPC, R) and II (SPC, R), Pharmacology and Therapeutics I (SPC) and II (SPC).SC of the scientific area of Clinics	DC

Maria Rita Martins Garcia da Fonseca	Auxiliary Professor (guest)	DVM, PhD Veterinary Sciences	99	Equine Clinics I (L) and II (L), Clinical Rotations III (L) and IV (L)	DC
Maria Teresa C. Mendes Victor Villa de Brito	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Medical Propaedeutics I (R) and II (R)	DC
Miguel Luis Mendes Saraiva Lima	Associate Professor	DVM, PhD Veterinary Sciences, Diplom ECBHM	100	Food Animal Clinics I (SPC, R) and II (SPC, R)	DC
Paula Alexandra Botelho Pimenta Tilley	Auxiliary Professor	DVM, MSc Food Science, PhD Veterinary Sciences	100	Equine Clinics I (R) and II (R), Clinical Rotations III (L) and IV (L)	DC
Sandra de Oliveira Tavares de Sousa Jesus	Auxiliary Professor	DVM, MSc in Wild Animal Health, PhD Veterinary Sciences	100	Imagiology (L), Diagnostic Imaging (L), Surgery I (L) and II (L), Companion Animal Clinics I (L) and II (L)	DC
António José de Freitas Duarte	Associate Professor	DVM, MCs Biotechnology, PhD Molecular Biology	100	Physiology I (L) and II (L), Genetics (SPC)	DMF
Fernando António da Costa Ferreira	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Anatomy I (L) and II (L), Cell Molecular Biology (L)	DMF
Fernando José da Silva Garcia e Costa	Associate Professor	DVM, PhD Veterinary Sciences	100	Histology I (SPC) and II (SPC, R), Embryology and Developmental Biology (SPC)	DMF
Graça Maria Alexandre Pires Lopes de Melo	Associate Professor	DVM, PhD Veterinary Sciences	100	Anatomy I (SPC, R), II (SPC, R)and III (SPC, R), Complementary Activities IV (SPC, R)	DMF
Graça Maria Leitão Ferreira Dias	Associate Professor	DVM, MSc Animal Science, PhD Physiology	100	Physiology I (SPC, R) and II (SPC, R)	DMF
João José Martins Afonso	Auxiliary Professor	DVM, MSc Animal Science, PhD Veterinary Sciences	100	Anatomy I (L) and II (L)	DMF
José António Mestre Prates	Full Professor	Pharmaceutical Sciences, PhD Veterinary Sciences	100	Biochemistry I (SPC, R) and II (SPC, R), Cell Molecular Biology (SPC, R); SC of the scientific area of Morphology and Function	DMF
José Henrique Rocha Dias Correia	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Biochemistry I (L) and II (L), Cell Molecular Biology (L)	DMF
José Manuel Antunes Ferreira da Silva	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Embryology and Developmental Biology (L)	DMF
Maria de São José Sousa Deyrieux Centeno	Auxiliary Professor	DVM, MSc Animal Science, PhD Veterinary Sciences	100	Biophysics (L), Physiology II (L)	DMF
Maria Luisa Mendes Jorge	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Anatomy I (L), II (L) and III (L)	DMF
Mário Alexandre Gonçalves Quaresma	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Biochemistry I (L) and II (L), Cell Molecular Biology (L), Complementary Activities II (SPC, R)	DMF
Mário António Pereira Silva Soares de Pinho	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Histology I (R) and II (L), Complementary Activities III (SPC, R)	DMF
Victor Manuel Diogo Oliveira Alves	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Genetics (L), Cell Molecular Biology (L)	DMF
Ana Rita Sá Henriques	Auxiliary Professor (guest)	DVM, MSc Veterinary Public Health, PhD Veterinary Sciences	50	Veterinary Public Health (L)	DPASA

Appendix 1 - Current academic staff, qualifications, their FTE, teaching responsibilities and departmental affiliations

António Salvador Ferreira Henriques Barreto	Full Professor	DVM, PhD Veterinary Sciences	100	General Technology (SPC), Technology of Animal Products (SPC); SC of the scientific area of Food Safety	DPASA
Carlos Mendes Godinho de Andrade Fontes	Full Professor	Agronomic Engineering, PhD Biological Sciences	100	Plant Biology, Agriculture and Environment (SPC, R), Nutrition (L)	DPASA
Fernando Manuel D'Almeida Bernardo	Full Professor	DVM, PhD Veterinary Sciences	100	Veterinary Inspection I (L) and II (L)	DPASA
Ilda Maria Neto Gomes Rosa	Auxiliary Professor	DVM, MSc Animal Science, PhD Veterinary Sciences	100	Animal Behavior and Welfare (SPC, R), Complementary Activities I (SPC, R)	DPASA
João Bettencourt Barcelos Cota	Auxiliary Professor (guest)	DVM, PhD Veterinary Sciences	70	Veterinary Inspection I (L) and II (L)	DPASA
José Pedro da Costa Cardoso de Lemos	Associate Professor	DVM, MSc Animal Science, PhD Veterinary Sciences	100	Animal Feeding (SPC, R), Nutrition (SPC, R); SC of the scientific area of Animal Production	DPASA
Luis Lavadinho Telo da Gama	Associate Professor	DVM, MSc and PhD Animal Science	100	Animal Breeding (SPC, R)	DPASA
Luis Manuel dos Anjos Ferreira	Full Professor	DVM, PhD Veterinary Sciences	100	Nutrition (L), Animal Feeding (L)	DPASA
Magda Alexandra N. M. A. de Andrade Fontes	Auxiliary Professor	Agronomist Engineer, PhD Agricultural Economics and Food Marketing	100	Economics and Management (SPC, R)	DPASA
Maria Gabriela Lopes Veloso	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Veterinary Inspection I (SPC, R) and II (SPC, R)	DPASA
Maria João dos Ramos Fraqueza	Auxiliary Professor	DVM, MSc Food Science, PhD Veterinary Sciences	100	General Technology (L), Technology of Animal Products (R)	DPASA
Marilia Catarina Leal Fazeres Ferreira	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	General Technology (R), Technology of Animal Products (L)	DPASA
Miguel José Sardinha de Oliveira Cardo	Auxiliary Professor (guest)	DVM, MSc Veterinary Public Health	30	Veterinary Inspection I (L) and II (L)	DPASA
Rui José Branquinho de Bessa	Associate Professor	DVM, MSc Animal Science, PhD Veterinary Sciences	100	Zootechnics (R), Animal Production I (L) and II (L)	DPASA
Rui Manuel de Vasconcelos Horta Caldeira	Full Professor	DVM, MSc Animal Science, PhD Veterinary Sciences	100	Animal Production I (SPC, R) and II (SPC, R), Zootechnics (SPC)	DPASA
Telmo Renato Landeiro Pina Nunes	Auxiliary Professor (guest)	DVM, MSc Veterinary Public Health	60	Veterinary Public Health (L)	DPASA
Yolanda Maria Vaz	Associate Professor	DVM, MSc Veterinary Public Health, PhD Veterinary Sciences	100	Veterinary Public Health (L)	DPASA
Ana Isabel Simões Pereira Duarte	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Microbiology I (L)and II (L), Immunology (L), Complementary Activities IV (L)	DSA
Carlos Manuel Lopes Vieira Martins	Full Professor	DVM, PhD Veterinary Sciences	100	Pathology and Clinics of Infectious Diseases I (SPC) and II (SPC), Complementary Activities IV (L)	DSA
Fernando Jorge Silvano Boinas	Associate Professor	DVM, MSc Animal Science, PhD Veterinary Sciences	100	Pathology and Clinics of Infectious Diseases I (L) and II (R), Herd Health (SPC, R)	DSA
Fernando Ribeiro Alves Afonso	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	General Pathology (L), Zootechnics (L)	DSA

Isabel Maria Soares Pereira da Fonseca Sampaio	Associate Professor	DVM, PhD Veterinary Sciences	100	Parasitology I (R) and II (L), Pathology and Clinics of Parasitic Diseases (L)	DSA
Jorge Manuel Jesus Correia	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Anatomical Pathology I(L) and II (L)	DSA
José Augusto Farraia e Silva Meireles	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Parasitology I (L) and II (L), Pathology and Clinics of Parasitic Diseases (R)	DSA
José Julio Alfaro Cardoso Carreira da Cunha	Auxiliary Professor (guest)	DVM	30	Pathology and Clinics of Infectious Diseases II (L), Herd Health L), Reproduction and Obstetrics II (L)	DSA
Luis Manuel Madeira de Carvalho	Associate Professor	DVM, PhD Veterinary Sciences	100	Parasitology I (SPC) and II (SPC), Pathology and Clinics of Parasitic Diseases (SPC)	DSA
Luis Manuel Morgado Tavares	Full Professor	DVM, MSc Veterinary Medicine, PhD Veterinary Sciences	100	Microbiology I (SPC) and II (SPC), Immunology (SPC)	DSA
Maria da Conceição C. Vasconcelos Peleteiro	Full Professor	DVM, MSc Fish Diseases, PhD Veterinary Sciences, Diplom ECVP	100	Anatomical Pathology I (SPC) and II (SPC), General Pathology (SPC)	DSA
Maria Isabel Neto Cunha Fonseca	Auxiliary Professor	DVM, MSc Animal Science, PhD Veterinary Sciences	100	Biomathematics, Computing and Documentation (SPC)	DSA
Virgilio da Silva Almeida	Associate Professor	DVM, MSc Animal Science, PhD Veterinary Sciences	100	Pathology and Clinics of Infectious Diseases I (R) and II (L), Epidemiology (SPC); SC of the scientific area of Animal Health.	DSA
José João Rainho Sousa Nunes	Auxiliary Professor (guest)	DVM	30	Pathology and Clinics of Infectious Diseases I (L), Herd Health (L)	DSA
Maria Manuela Castilho Monteiro de Oliveira	Auxiliary Professor	Microbial and Genetic Biology, DVM, MSc Food Science, PhD Veterinary Sciences	100	Microbiology I (L), Complementary Activities IV (L)	DSA
Solange Judite Roque Coelho Alves Gil	Auxiliary Professor	DVM, PhD Veterinary Sciences	100	Microbiology I (L)and II (L), Immunology (L), Clinical Rotations II (L) and IV (L), Pathology and Clinics of Infectious Diseases I (L) and II	DSA
Luís Granger Alfaro Cardoso	Principal Researcher	DVM, MSc Animal Science, PhD Veterinary Sciences	100	Animal Production in Tropical Regions (L), Phisiology I (L)	DPASA
José Alexandre C. Perdigão e Cameira Leitão	Auxiliary Researcher	DVM, MSc Veterinary Medicine and Tropical Zootechnics, PhD Veterinary Sciences	100	Parasitology I (L) and Tropical Infectious and Parasitic Diseases (L)	DSA
Virgínia Maria Rico Pires	Auxiliary Researcher	Zootechnical Engineering, MSc Animal Science, PhD Veterinary Sciences	100	Plant Biology, Agriculture and Environment (L), Nutrition (L)	DPASA
João Nestor das Chagas e Silva	Technical	DVM, PhD Veterinary Sciences	100	Pathology and Clinics of Infectious Diseases I (L) and II (L)	DC
Cristina Maria Riscado Pereira Mateus Alfaia	Technical	Pharmaceutical Sciences, PhD Veterinary Sciences	100	Biochemistry I (L) and II (L), Cell Molecular Biology (L)	DMF
Ana Carina Branco Carvalho	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Ana Catarina Pinto Castro	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Ana Isabel Pinto Filipe	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Ana Margarida Grilo Nobre Marques	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH

Ana Teresa Severino Caldeira Reisinho	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
António Luís Videira Pinheiro de Almeida	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Carla Alexandra Almeida Monteiro	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Catarina Seiça Neves Roldão Vieira	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Diana Isabel Lourenço Nobre da Conceição	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Gonçalo Eduardo Vitor Vicente	Veterinary surgeon	DVM	100	Companion Animal Clinics I (L) and II (L), Clinical Rotations V (L) and VI (L)	VTH
Hugo Miguel Lino Pereira	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Joana de Sousa Azevedo Simões	Veterinary surgeon	DVM	100	Equine Clinics I (L) and II (L), Clinical Rotations III (L) and IV (L)	VTH
Joana Filipa Paiva de Ferreira Gomes Carneiro	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Joana Grade Mendes Costa Almeida	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Joana Isabel Mariano Palminha	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Joana Vidal Pontes	Veterinary surgeon	DVM	100	Imagiology (L), Diagnostic Imaging (L), Clinical Rotations V (L) and VI (L)	VTH
Leonor Vital Iglésias	Veterinary surgeon	DVM	100	Surgery I (L)and II (L), Clinical Rotations V (L) and VI (L)	VTH
Maria Inês Lopes Moura Marques	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Maria Joana Gomes Dias	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Mariana de Carvalho Torres Magalhães	Veterinary surgeon	DVM	100	Complementary activities II (L), Clinical Rotations III (L) and IV (L), Surgery I (L) and II (L)	VTH
Óscar Manuel Gonçalves Gamboa	Veterinary surgeon	DVM	100	Clinical Rotations V (L), VI (L) and Companion Animal Clinics I (L)	VTH
Rodolfo Assis Oliveira Leal	Veterinary surgeon	DVM, PhD Veterinary Sciences, Diploma European College of Veterinary Internal Medicine - Companion Animals	100	Companion Animal Clinics I (L) and II (L), Clinical Rotations V (L) and VI (L)	VTH
Rodrigo Alexandre Sá da Costa Marques Bom	Veterinary surgeon	DVM	100	Surgery I(L) and II (L), Clinical Rotations V (L) and VI (L)	VTH
Sofia Maltez Ribeiro Baptista Mouro	Veterinary surgeon	DVM	100	Medicine II (L)	VTH
Teresa Rita Velez de Carvalho Rosa	Veterinary surgeon	DVM	100	Complementary activities II (L), Clinical Rotations III (L) and IV (L), Surgery I (L) and II (L)	VTH

SC - Study Coordinator of scientific area; SPC - Scientific and Pedagogical Coordinator; R - Regent; L - Lecturer

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APPENDIX 2

Units of study of the core veterinary programme: title, reference number, ECTS value, position in curriculum, whether it is compulsory or elective, hours and modes of instruction, learning outcomes and their alignment with the ESEVT Day One Competences

Appendix 2

Units of study of the core veterinary programme

Units of study	Reference	ECTS	Y	S	C / E	Hours and modes of instruction								Learning outcomes	ESEVT Day One Competences
						A	B	C	D	E	F	G	Total		
Deontology and Bioethics	9847001	2	1	1	C	11	2						13	knowledge and skills in critical ethical issues related to Veterinary Surgeons; Provide knowledge in the areas of professional civic conduct in the different functional valences of veterinary profession; understand the social, moral and legal responsibilities that are inherent to the professiony.	1.1, 1.2, 1.12, 2.12.
Histology I	9847002	4.5	1	1	C	28			28				56	Knowledge and skills in the techniques for preparation of biological material for the microscopic study of cells and tissues and on the use of the light microscope. Knowledge of microscopic structure of animal tissues and its relationship with function with particular emphasis on the four basic tissues and lymphoid system.	2.3.
Biochemistry I	9847003	4	1	1	C	28			28				56	Knowledge of the general concepts and fundaments of structural biochemistry and catalysis necessary to the understanding at molecular level of biological phenomena occurring in Veterinary Sciences.	2.3.
Embryology and Developmental Biology	9847004	4.5	1	1	C	28			28				56	Knowledge of morphological and molecular aspects concerning fertilization, cleavage, gastrulation, neurulation and organogenesis. Knowledge of cellular and molecular mechanisms of embryonic and fetal development. Introdutory notions to the mechanism of some congenital malformations.	2.3.
Biophysics	9847005	4.5	1	1	C	28		10	10				48	knowledge on the physical principles of biological functions; develop critical thinking necessary for its analysis and interpretation and explain the physical basis of ancillary diagnostic clinical support, most relevant to the practice of veterinary medicine.	1.23.
Anatomy I	9847006	4.5	1	1	C	28				28			56	Recognize that body possess a construction pattern that varies according to morphological adaptations of different animals to different and specific functions. Osteology, muscles and joints are understood as part of the locomotion dynamics. Knowledge of fish and birds anatomy and of the lymphatic system.	2.3.
Biomathematics, Computing and Documentation	9847007	5	1	1	C	28	6	2	22				58	Be able to use statistics for summarizing data and perform exploratory data analysis; be aware of the applicability of theoretical models used for statistical analysis; analyse and interpret statistical results; know the difference between cause-effect relationships and statistical associations; demonstrate basic skills to search and critically read technical and scientific papers; use the computer to perform: (a) word-processing, build tables and graphs; (b) data storage, retrieval, processing and analysis using spreadsheets and a statistical package; (c) search the internet and online library databases for scientific and technical documents.	1.8, 1.12, 1.14.
Complementary Activities I	9847008	1	1	1	C	6				6			12	Promote students' contact with animals housed at FMV stables and kennels and integrate them in the daily handling activities. Knowledge how to correctly approach the main pet and farm animal species. Contribute to the communication and team working skills development as well the organizing and responsibility capacities.	1.16, 2.4.
Histology II	9847009	4.5	1	2	C	28			28				56	Knowledge of the microscopic structure of organs and systems of domestic animals body and the relationship with their functions.	2.3.
Cell Molecular Biology	9847010	5	1	2	C	28			28				56	Knowledge of the general concepts and fundaments of molecular and cellular biology to the understanding at molecular level of biological phenomena occurring in Veterinary Sciences.	2.3.
Biochemistry II	9847011	5	1	2	C	28			28				56	Knowledge the general concepts and fundaments of bioenergetics and metabolic biochemistry necessary to the understanding at molecular level of biological phenomena occurring in Veterinary Sciences.	2.3.
Anatomy II	9847012	4.5	1	2	C	28				28			56	Identification and morphological characterization of the organs of the digestive, respiratory, urinary, genitals, udder and the cardiovascular systems; anatomical organization of the thoracic, abdominal and pelvic cavities, ligaments and mesos; Identification of hormone producer organs; Knowledge of muscles responsible for locomotion and movement; understand the functional reason of anatomical structures and clinical application of that knowledge.	2.3.
Zootechnics	9847013	5	1	2	C	28	4			12			44	Knowledge of the external characteristics of the main animal species and its products and uses; be acquainted with their identification methods and housing systems and the biological or the production cycles; understanding of the importance of animals' living conditions to health and profitability of production systems.	2.3, 2.4, 2.7.
Plant Biology, Agriculture and Environment	9847014	5	1	2	C	28	4		24				56	Knowledge of basic concepts of plant biology which allow the understanding of the methodologies used in Agriculture for the production and preservation of animal feedstuffs, with the perspective of developing sustainable production systems that protect the environment and the ecosystems.	1.1.
Complementary Activities II	9847015	1	1	2	C	5				12			17	Knowledge and skills in farm animals (cattle, sheep, goats and horses) husbandry: cleaning stalls, handling, materials used for food and animal bedding, basic health care. Knowledge and skills in dog husbamdry: walking, hygiene of kennels, care and feeding.	1.16, 2.4.
TOTAL Year 1						358	16	12	224	86	0	0	696		

Physiology I	9847016	4.5	2	3	C	28			28				56	Knowledge of the different concepts and physiologic mechanisms for homeostasis maintenance in domestic animals; understand veterinary physiology and integrate it with animal production and health. Knowledge of neurophysiology; endocrinology, gastrointestinal physiology and respiratory function.	2.3.
Anatomy III	9847017	4.5	2	3	C	28				28			56	Knowledge of the nervous system, senses organs, skin and placenta and placental annexes.	2.3.
Animal Behaviour and Welfare	9847018	5	2	3	C	28				28			56	Identify the abnormal behaviours inpets and farm animals, understanding the source and the development of those behaviours in order to prevent and treat them. Recognize and interpret the signs of welfare, discomfort and pain, knowing its physiological basis and its effects in the social and productive animal behaviour. Know how to handle, restrain and transport animals	1.10, 1.16, 1.20, 1.31, 2.3, 2.7, 2.9, 2.12.
General Pathology	9847019	5	2	3	C	28			14	14			56	To describe, quantify and classify general and basic lesions at the cell, tissue and organ levels. To relate both macroscopic and microscopic changes with the etiologic agents. To understand and to interpret the dynamic evolution of the lesions. To value the anatomopathological diagnosis as an important tool for general diagnosis. To collect, preserve and send biological material for laboratory exam.	2.5
Parasitology I	9847020	5	2	3	C	28			28				56	To develop a dynamic perspective of the concepts of parasitism to prepare students for the scientific areas of Clinics, Animal Health, Animal Production, Food Safety and Veterinary Public Health, through the study of parasites from domestic, wild and aquatic animals. Prepare the student to be able to execute lab techniques for parasitological diagnosis and to interpret results.	1.28, 2.5.
Microbiology I	9847021	5	2	3	C	28			28				56	Recognize the different types of microorganisms, understand and discriminate aspects of bacterial and fungal biology, evaluate the relevance of indigenous microbiota and recognize the importance of bacteria and fungi in pathological and technological processes. Develop competencies of manipulating laboratory instruments and substrates or samples bearing bacteria and fungi, be able to plan and perform bacteriological and mycological analysis.	1.28, 2.5.
Complementary Activities III	9847022	1	2	3	C	4			6				10	To promote student's involvement with research and routine laboratory procedures performed at the Vet School, aiming the establishment of a practical attitude towards the course. To introduce students to the health and safety requirements within the laboratory spaces. To develop student's awareness of safe work practices in laboratory activities.	1.28, 1.32, 2.2.
Genetics	9847023	5	2	4	C	28	2		26				56	Knowledge of the the basic principles and methodologies of molecular, cyto, mendelian and population genetics: the mechanisms that determine the transmission of hereditary traits; the molecular mechanisms of genetic diseases; Knowledge of the genetics of disease: principles of population genetics and of a broad range of inherited disorders in animals and the fundamental breed genetic diseases. Develop competences in obtaining, recording, and interpreting patient history and pedigree information.	2.3, 2.4, 2.5.
Physiology II	9847024	4.5	2	4	C	28			28				56	Knowledge of the different concepts and physiologic mechanisms for homeostasis maintenance in domestic animals. Understand veterinary physiology, and integrate it with animal production and heath. Knowledge of reproduction, lactation, renal, thermorregulation, and cardiovascular physiology.	2.3.
Economics and Management	9847025	4	2	4	C	28	28						56	Understand the microeconomics of markets, particularly those of agriculture and food; of consumer demand; and of the theory of the firm. Be aware of government intervention in the agricultural sector making them familiar with the Common Agricultural Policy. knowledge of the framework of procedures and concepts to support the decision-making process in optimizing animal health and production management.	1.2, 1.7, 2.11.
Parasitology II	9847026	4.5	2	4	C	28			28				56	Recognize the morphobiology, eco-epidemiology and pathophysiology of Trematode, Cestoda, Nematode and Acanthocephalan more relevant helminthic in Veterinary Medicine and Public Health. Perform helminthic identification, helminthological laboratory diagnostic techniques and result interpretation.	1.28, 2.5.
Microbiology II	9847027	3	2	4	C	17			14				31	Understand and discriminate aspects of viral biology and pathogenicity in order to establish adequate control strategies; recognize the importance of virus in the different morbid processes; develop competencies of manipulating laboratory instruments and substrates or samples bearing viruses; be able to plan and perform virology analysis.	1.28, 2.5
Epidemiology	9847028	3	2	4	C	14			14				28	Use the key principles and methods of epidemiological investigations such as descriptive and analytic techniques, and to understand their relevance for the prevention, control, eradication and surveillance of transmissible diseases, and to improve animal welfare, production efficiency and animal product quality.	1.14, 2.6, 2.9, 2.10.
Anatomical Pathology I	9847029	5	2	4	C	28			6		37		71	Define the response to injury of different tissues and organs; describe the macroscopic lesions observed, establishing the relation cause-effect and the degree of dysfunction; perform a necropsy of various domestic animals; provide an accurate and complete report and collect material for complementary exams; perform a fine needle aspiration biopsy and a punch biopsy.	1.6, 1.21, 1.28, 1.32, 1.33, 2.5.
Complementary activities IV	9847030	1	2	4	C	2	6	20					28	Familiarize with laboratory research activities and provision of services developed in the FMV, in terms of awareness of the different strands of professional Veterinary Medical Act.	1.28, 2,2.
TOTAL Year 2						345	36	20	220	70	37	0	728		

Medical Propaedeutics I	9847031	4.5	3	5	C	26					**26**		52	Perform a thorough and systematic physical examination in bovine, equine and canine; recognize the health status; select, from the signs collected from the physical examination, those that are indicative of disease; critically evaluate clinical signs and propose adequate diagnostic plans; select the additional diagnostic endeavours rationally most adequate to confirm the diagnosis; decide upon probable diagnosis and prognosis of medical conditions..	1.15, 1.16, 1.17, 1.21, 1.22, 2.5.
Anaesthesia and Analgesia	9847032	4	3	5	C	26					26		52	Develop fundamental knowledge and applied techniques of anaesthesia: pre-anaesthetic care; intra-anaesthetic care; post-anaesthetic care; general anaesthesia; local anaesthesia; anaesthesia in caesarean; euthanasia.	1.29, 1.30.
Pharmacology and Therapeutics I	9847033	4.5	3	5	C	26			13		**26**		65	Basic and specific knowledge of drugs used in animals, to prevent, cure or undermine pathological conditions; general pharmacology (pharmacokinetic and pharmacodynamics); pharmacology of etiotropic drugs; be able to choose, explain, discuss, evaluate and use the best strategies on pharmacotherapy with application and execution of different techniques of drug administration.	1.18, 1.25, 1.26, 1.31, 1.32, 2.8.
Nutrition	9847034	4.5	3	5	C	26	8	4	14				52	Know and understand the mechanisms of transformation of energy and nutrients into animal products; evaluate the nutritional needs of animals; assess the nutritional quality of foods and know how to diagnose situations of nutritional deficiencies.	1.20, 2.3
Immunology	9847035	4	3	5	C	26			26				52	Comprehend the importance of the various functions of the immune system as fundamental component of balance and maintenance of health; recognize the relevance changes to such balance in the etiology of several immunopathological processes; understand the strategies of immunomodulation, as in vaccination; develop competencies of manipulating laboratory instruments and immunological techniques applied to veterinary diagnosis.	2.5, 2.9.
Anatomical Pathology II	9847036	5	3	5	C	28			6		37		71	Define the response to injury of different tissues and organs; describe the macroscopic lesions observed, establishing the relation cause-effect and the degree of dysfunction; perform a necropsy of various domestic animals; provide an accurate and complete report and collect material for complementary exams; perform a fine needle aspiration biopsy and a punch biopsy.	1.6, 1.21, 1.28, 1.32, 1.33, 2.5.
Clinical Rotations I	9847037	1	3	5	C	4	16				8		28	To develop a set of attitudes adjusted to work in a hospital environment; to improve their veterinary communication skills and teamwork; to promote organizational abilities as well as to incur liabilities.	1.1, 1.3, 1.4, 1.5, 1.6, 1.7, 1.9, 1.10, 1.11, 1.12, 1.13, 1.15, 1.16, 1.17, 1.18, 1.21, 1.22, 1.23, 1.26, 1.27, 1.31, 1.32, 2.5, 2.11.
Hygiene and Food Safety	9847051	4.5	3	6	C	24			20				44	Knowledge of the basic concepts of production hygiene, aiming the fulfil of animal welfare. Be able to cooperate in the elaboration of proactive systems for quality assurance.	1.34, 1.35, 2.10.
Medical Propaedeutics II	9847052	4.5	3	6	C	26			24				50	Define, describe and analyse biological signs and syndromes, collected from the examination of organs and systems, in the perspective of the appropriate ancillary tests necessary to orientate the diagnostic plan towards a given organ or system; decide which laboratory ancillary tests to choose in order to explore body systems or organs; correctly perform simple laboratory tests; interpret the results of laboratory tests critically, in the scope of information collected from history and clinical signs.	1.15, 1.16, 1.17, 1.21, 1.22, 2.5.
Surgical Propaedeutics	9847053	4.5	3	6	C	26					26		52	Realise the fundamental concepts, objectives and basic principles of surgery; perform the main sutures and key pads; applied basic surgical techniques.	1.6, 1.28, 1.29.
Imagiology	9847054	4	3	6	C	26					14			Comprehend imaging as a set of resources that serve to clarify some aspects of each case; analyse images to extract all the information they can provide.	1,23, 2.5.
Pharmacology and Therapeutics II	9847055	5	3	6	C	26			39				65	Use of basic and specific knowledge's of organotropic drugs to apply in a therapeutic context; knowledge's on organotropic drugs pharmacokinetic and pharmacodynamics to understand therapeutic potentialities and limitations; be able to choose, explain, discuss, evaluate and use the best strategies on functions pharmacotherapy; application of the rules and the evaluation of conditionality on drugs prescription.	1.18, 1.25, 1.26, 1.31, 1.32, 2.8.
Animal Feeding	9847056	4	3	6	C	26	22	4					52	Knowledge and skills in determine the nutritional requirements of animal species according to the type and level of production; choose adequate feeds as well as the ways of processing them. Optimise animal production as well as to prevent the development of metabolic pathologies, ensuring animal health and well-being and the quality of the final products.	1.20.
Clinical Rotations II	9847057	1	3	6	C	4	16				8		28	Expanding exposure to "real" clinical cases at the VTH; develop a set of attitudes adjusted to work in a hospital environment; to improve their veterinary communication skills and teamwork; to promote organizational abilities as well as to incur liabilities.	1.1, 1.3, 1.4, 1.5, 1.6, 1.7, 1.9, 1.10, 1.11, 1.12, 1.13, 1.15, 1.16, 1.17, 1.18, 1.21, 1.22, 1.23, 1.26, 1.27, 1.31, 1.32, 2.5, 2.11..
TOTAL Year 3						320	62	8	142	0	171	0	663		
Reproduction and Obstetrics I	9847074	5	4	7	C	26					**26**		52	Be familiar with the basic knowledge and skills concerning the reproductive processes; collection and assessment of semen; methods of diagnosis of the stage of the oestrous cycle and of pregnancy; diagnostics and therapy of reproductive diseases of companion and equine animals.	1.5, 1.15, 1.16, 1.17, 1.19, 1.21, 1.23, 1.25, 1.26, 1.30, 2.1, 2.4, 2.5, 2.6, 2.11, 2.12.
Surgery I	9847075	4	4	7	C	26					28		54	Recognize the main surgical diseases, their pathophysiological mechanisms and understand the way surgery can be helpful and determine a real solution to the patient; surgical techniques, materials and options; surgical skills and main surgical procedures like incision, tissues manipulation, haemostasis and sutures; applied anaesthesiology	1.6, 1.19, 1.29, 2.5.

Medicine I	9847076	4.5	4	7	C	26			24				50	Approach clinical cases in the areas of haematology, urology and cardiology in a systematic and global way, in the different animal species; understand the evolution of the pathological medical processes, including aetiology, pathogenesis, lesions and clinical signs; correctly interpret environmental data, anamnesis, clinical and laboratory analysis, aiming at diagnosis, prognosis and therapeutic decision; apply the technique of problem-based learning to the study of real clinical cases.	1.4, 1.5, 1.9, 1.15, 1.16, 1.17, 1.18, 1.32, 2.1, 2.5.
Animal Production I	9847077	4	4	7	C	37	5			6			48	Know the structure, organisation, legal framework, and strategies of animal production and manage the biological bases of production. Be able in the ruminant's and equine sectors to differentiate the productive aptitudes of the populations bred in Portugal, to be acquainted with the techniques of animal husbandry and production and to design, manage and evaluate production systems.	1.2, 1.11, 1.12, 1.20, 2.4, 2.7.
Pathology and Clinics of Parasitic Diseases	9847078	4.5	4	7	C	26	0	0	16		10		52	knowledge of the concepts and general methodologies used for the characterizations and control of parasitic diseases affecting dogs, cats, horses, cattle, sheep, goats, pigs, poultry, rabbits, exotics pets and bees, with relevance for Public Health, livestock production and animal welfare.	1.4, 1.10, 1.21, 1.24, 1.25, 1.36, 2.5, 2.6, 2.8, 2.9, 2.10.
Pathology and Clinics of Infectious Diseases I	9847079	4.5	4	7	C	26	0	0	26	0	5		57	knowledge of the concepts and general methodologies used for the characterisation and control of infectious diseases, relevant for Public Health, animal health and productivity, as well as animal welfare, affecting a broad range of hosts namely zoonosis, dogs and cats.	1.3, 1.4, 1.10, 1.21, 1.24, 1.25, 1.32, 1.36, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10.
Clinical Rotations III	9847080	1	4	7	C					8	44		52	Contact with real clinical cases of companion animals, exotic pets and equine, under general medical consultation, surgery, hospitalized and intensive care; main complementary diagnostic techniques, understanding their advantages and purpose in the definitive diagnostic process; specific training in intensive care with learning of Basic Life Support and Advance Life Support algorithms in small animals.	1.1, 1.3, 1.4, 1.5, 1.6, 1.7, 1.9, 1.10, 1.11, 1.12, 1.13, 1.15, 1.16, 1.17, 1.18, 1.19, Q531.21, 1.22, 1.23, 1.26, 1.27, 1.31, 2.5.
Surgery II	9847084	4	4	8	C	26					28		54	Recognize the main surgical diseases, their pathophysiological mechanisms and understand the way surgery can be helpful and determine a real solution to the patient; surgical techniques, materials and options; surgical skills and main surgical procedures like incision, tissues manipulation, haemostasis and sutures are to be got as well as applied anaesthesiology.	1.6, 1.19, 1.29, 2.5.
Medicine II	9847083	4.5	4	8	C	26			24				50	Approach to clinical cases in the areas of gastroenterology, endocrinology and respiratory medicine in a systematic and global way, in the different animal species; understand the evolution of the pathological processes, including aetiology, pathogenesis, lesions and clinical signs; interpret environmental data, anamnesis, clinical and laboratory analysis, aiming at diagnosis, prognosis and therapeutic decision; apply the technique of problem-based learning to the study of real clinical cases.	1.4, 1.5, 1.9, 1.15, 1.16, 1.17, 1.18, 1.32, 2.1, 2.5.
Reproduction and Obstetrics II	9847082	4.5	4	8	C	26					40		66	Perform the andrological, gynaecological and obstetrical examinations; know how to evaluate the reproductive performance of a herd and to design a reproductive management plan; identify the critical points of the production system that impacts on fertility and, to design a prophylactic plan; diagnose pregnancy, assist parturition and treat the most frequent andrological, gynaecological and obstetrical disorders of ruminants and swine.	1.5, 1.15, 1.16, 1.17, 1.19, 1.21, 1.23, 1.25, 1.26, 1.30, 2.1, 2.4, 2.5, 2.6, 2.11, 2.12.
Animal Production II	9847085	4.5	4	8	C	34	2	10		10			56	knowledge of the proficient utilization of animal husbandry and production techniques and to design, manage and evaluate the production systems in the area of small ruminant, pigs, poultry, rabbits and aquatic species production, always strengthening the importance of the economic and environmental sustainability, the legal framework, the welfare and the productive efficiency of animals and the quality of products.	1.2, 1.12, 1.20, 2.4, 2.7.
Pathology and Clinics of Infectious Diseases II	9847086	4.5	4	8	C	26			24		7		57	knowledge of the concepts and general methodologies used for the characterisation and control of infectious diseases, relevant for Public Health, animal health and productivity, as well as animal welfare, affecting cattle and small ruminants, horses, swine, poultry and rabbits.	1.3, 1.4, 1.10, 1.21, 1.24, 1.25, 1.32, 1.36, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10.
Animal Breeding	9847087	4.5	4	8	C	26			26				52	knowledge and skills in the applications of population, quantitative and molecular genetics in the improvement and conservation of animal genetic resources; evaluation of the impact of different mating systems (inbreeding and crossbreeding) in animal production; develop methods of genetic evaluation and prediction of expected responses to selection; Plan of organized genetic improvement systems in different livestock species.	2.4.
Clinical Rotations IV	9847088	1	4	8	C		4				44		48	Contact with real clinical cases of companion animals and equine, under general medical consultation, surgery, hospitalized and intensive care; main complementary diagnostic techniques, understanding their advantages and purpose in the definitive diagnostic process; reaching a definitive diagnosis; design a therapeutic plan, along with a follow up schedule.	1.1, 1.3, 1.4, 1.5, 1.6, 1.7, 1.9, 1.10, 1.11, 1.12, 1.13, 1.15, 1.16, 1.17, 1.18, 1.19, 1.21, 1.22, 1.23, 1.26, 1.27, 1.31, 2.5.
TOTAL Year 4						331	11	10	140	24	232	0	748		
Toxicology	9847090	4.5	5	9	C	26	4		22				52	Specific knowledge of general and special Toxicology; approach and problem solving in the context of Applied Toxicology, namely in the areas of Clinical and Forensic Toxicology; ability to act multidisciplinary and interdisciplinary, combining information from different backgrounds, in solving problems of the toxicological scope.	1.14, 2.8.

Diagnostic Imaging	9847091	3.5	5	9	C	26					14		40	Ability of recognising the main radiographic, ultrasonographic signs and its aetiology; develop logic and rapid faculty of reasoning on possible diagnostic differentials, according to the presented clinical signs; comprehend multiple imaging modalities, their signs and related aetiologies; be able to interconnect the imaging knowledge with that of pathology, medicine and surgery.	1.5, 1,23, 2.5.
Food Animal Clinics I	9847092	3.5	5	9	C	13	13				30		56	Resolution of clinical cases of food animals through clinical exams (physiopathologic mechanisms of disease, interpretation of the results of clinical, laboratory and other clinical exams) and therapeutic actions; resolution of heard health problems (mastitis, metabolic diseases, etc.); resolution of dystocias; surgery work; dehorning calves; trimming hooves, etc.	1.1, 1.2, 1.4, 1.5, 1.7, 1.9, 1.11, 1.12, 1.13, 1.15, 1.16, 1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.25, 1.26, 1.27, 1.30, 1.31, 1.32, 1.33, 2.1, 2.5, 2.8, 2.11, 2.12.
Equine Clinics I	9847093	2	5	9	C	14					**14**		28	Develop skills in equine clinics in a systematic way through anamnesis, patient history, symptom evaluation and history registration; be able to select complementary information and exams in order to perform definitive diagnose; foster communication skills with clients and medical staff.	1.1, 1.2, 1.4, 1.5, 1.7, 1.9, 1.11, 1.12, 1.13, 1.15, 1.16, 1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.25, 1.26, 1.27, 1.30, 1.31, 1.32, 1.33, 2.1, 2.5, 2.8, 2.11, 2.12.
Companion Animal Clinics I	9847094	4	5	9	C	26	16				**24**		66	Be able to integrate clinical history and the clinical signs observed in order to perform the differential diagnostic; select the appropriate complementary exams and to interpret the results; achieve the definitive diagnosis; prescribe the appropriate therapy; explain the owner the prognostic and expenses foreseen.	1.1, 1.2, 1.4, 1.5, 1.7, 1.9, 1.11, 1.12, 1.13, 1.15, 1.16, 1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.25, 1.26, 1.27, 1.30, 1.31, 1.32, 2.1, 2.5, 2.8, 2.11, 2.12.
General Technology	9847095	4.5	5	9	C	24			24				48	knowledge of food microbiology and factors influencing the development of agents rresponsible by food spoilage. Knowledge of unit operations and technological food processes with special reference to equipment used in the production of different foods of animal origin.	1.3, 1.34, 1.35, 2.10.
Veterinary Inspection I	9847096	4.5	5	9	C	26				18			44	knowledge and skills in the methods for official veterinary inspection of products and by-products originated from ungulates slaughtered for consumption (animal protection at slaughter, ante and post mortem examinations); knowledge of hygiene of establishments and procedures (materials, locals and persons). Development of skills, capacity for critical analysis and decision-making, concerning specifically the safeguard of food of animal origin.	1.10, 1.11, 1.12, 1.13, 1.34, 1.35, 2.7, 2.10.
Clinical Rotations V	9847097	1	5	9	C	2					23		25	Improve skills to correctly diagnose, choose/use and interpret different diagnostic tests/exams, delineate a therapeutic plan, as well as to perform the basic clinical/therapeutic procedures.	1.1, 1.3, 1.4, 1.5, 1.6, 1.7, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, 1.19, 1.21, 1.22, 1.23, 1.26, 1.27, 1.31, 2.5.
Food Animal Clinics II	9847099	3	5	10	C	13	13				30		56	Resolution of clinical cases of food animals through clinical exams (physiopathologic mechanisms of disease, interpretation of the results of clinical, laboratory and other clinical exams) and therapeutic actions; resolution of heard health problems (mastitis, metabolic diseases, etc.); resolution of dystocias; surgery work; dehorning calves; trimming hooves, etc.	1.1, 1.2, 1.4, 1.5, 1.7, 1.9, 1.11, 1.12, 1.13, 1.15, 1.16, 1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.25, 1.26, 1.27, 1.30, 1.31, 1.32, 1.33, 2.1, 2.5, 2.8, 2.11, 2.12.
Equine Clinics II	9847100	2	5	10	C	12					**14**		26	Clinical examination, Wound treatment, metabolic diseases of the athletic horse, rabdomiolisis, horse lameness, and donkey pathology.	1.1, 1.2, 1.4, 1.5, 1.7, 1.9, 1.11, 1.12, 1.13, 1.15, 1.16, 1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.25, 1.26, 1.27, 1.30, 1.31, 1.32, 1.33, 2.1, 2.5, 2.8, 2.11, 2.12.
Companion Animal Clinics II	9847101	3.5	5	10	C	26	16				24		66	Able to integrate clinical history and the clinical signs observed in order to perform the differential diagnostic; to select the appropriate complementary exams and to interpret the results; achieve the definitive diagnosis; to prescribe the appropriate therapy; to explain the owner the prognostic and expenses foreseen.	1.1, 1.2, 1.4, 1.5, 1.7, 1.9, 1.11, 1.12, 1.13, 1.15, 1.16, 1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.25, 1.26, 1.27, 1.30, 1.31, 1.32, 2.1, 2.5, 2.8, 2.11, 2.12.
Technology of Animal Products	9847102	4.5	5	10	C	24			24				48	Knowledge of the operations and processes of food engineering. The study of the technological processes of transformation of animal origin products aims the preparation of students for future areas of work such as the Public Health or the collaboration with other professional areas of the food technology.	1.2, 1.3, 1.11, 1.12, 1.14, 1.34, 1.35, 2.10.
Veterinary Public Health	9847103	4.5	5	10	C	20	9	14	14				57	Recognize the need of protection and promotion of human health and environmental protection; develop a global vision on the evaluation of animal health and welfare, food-chain risks and environmental pollution; Promote ethical and law-based professional attitudes and a good capacity for communication with economical agents and stakeholders; promote preventive behaviors with respect to professional risks; develop observational and critical abilities with respect to public health problems; stress the importance of the multidisciplinary approach to VPH and promote group work capacities.	1.1, 1.2, 1.3, 1.4, 1.10, 1.12, 1.34, 1.35, 1.36, 2.6, 2.7, 2.9, 2.10.
Veterinary Inspection II	9847104	4.5	5	10	C	26				18			44	Knowledge and skills in the methods for official veterinary inspection of poultry, eggs, rabbits, fish, shellfish, frogs and snails. Perception of risk management system put in place to ensure safety of food obtained from animals used for consumption and as goods in the global market. Development of skills, capacity for critical analysis and decision-making, concerning specifically the safeguard of food of animal origin.	1.10, 1.11, 1.12, 1.13, 1.34, 1.35, 2.7, 2.10.
Herd Health	9847105	4.5	5	10	C	26			24		8		58	To design and implement strategies of preventive veterinary medicine and to apply official sanitary policy strategies for the prevention, control and eradication of notifiable diseases; to identify and amend the critical points affecting the biosecurity of a livestock unit, in order to contribute for the productivity, profitability, animal welfare and mitigation of zoonotic risks.	1.4, 1.10, 1.11, 1.12, 1.13, 1.15, 1.20, 1.21, 1.24, 1.25, 1.26, 1.27, 1.28, 1.30, 1.32, 1.33, 1.36, 2.5, 2.6, 2.8, 2.9, 2.10, 2.11, 2.12.

Clinical Rotations VI	9847106	1	5	10	C	2					23		25	Develop skills to correctly diagnose, choose/use and interpret different diagnostic tests/exams, delineate a therapeutic plan, as well as to perform the basic clinical/therapeutic procedures.	1.1, 1.3, 1.4, 1.5, 1.6, 1.7, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, 1.19, 1.21, 1.22, 1.23, 1.26, 1.27, 1.31, 2.5.
Curricular Traineeship (EPT + graduation thesis)	9847108	30	6	11	C									Provide knowledge and training in a specific area of veterinary sciences; culminates in the presentation of a dissertation	1.8, 1.13.

Y - Year; S - Semester

SELF EVALUATION REPORT

EAEVE - LISBON 2017

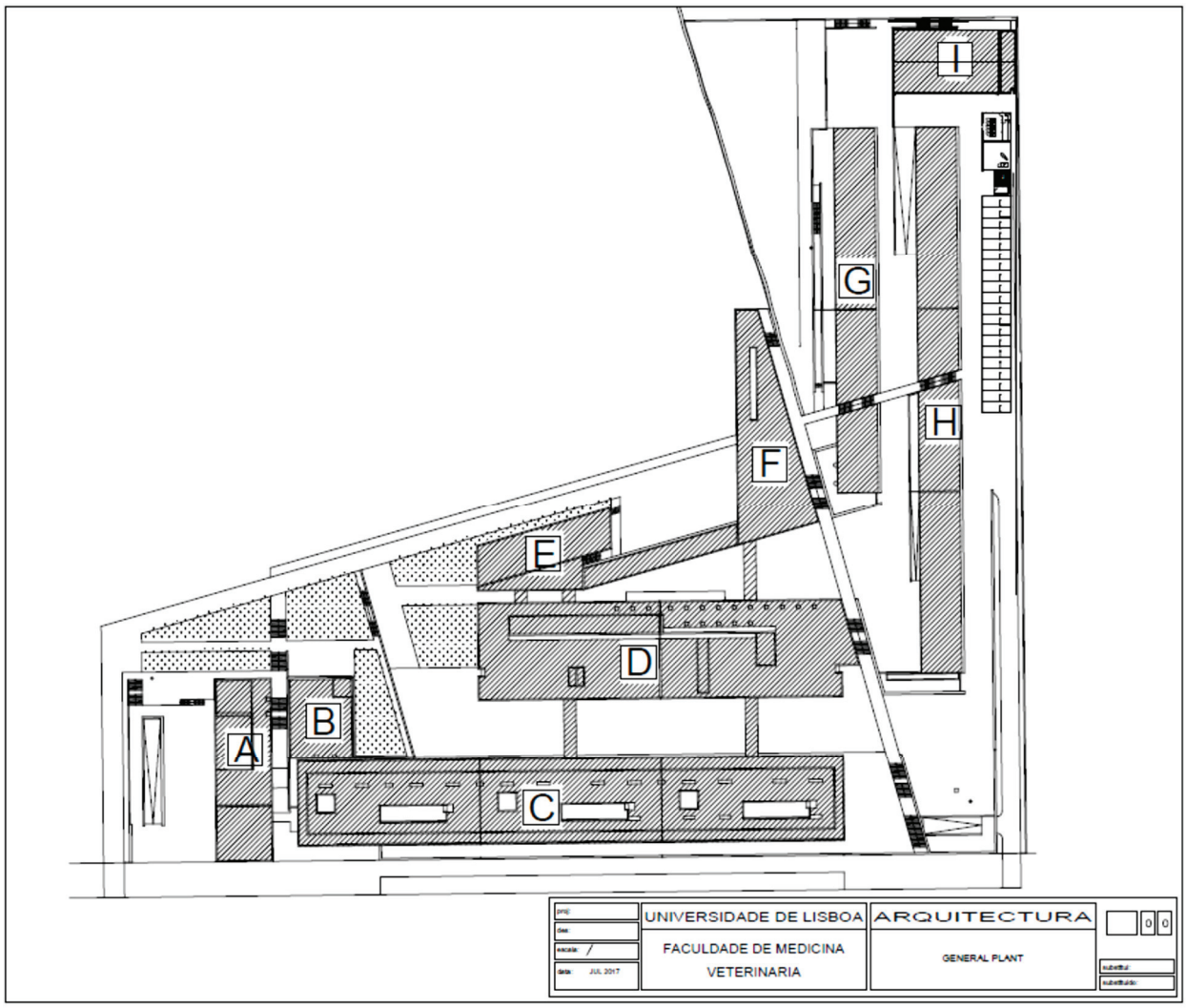
APPENDIX 3a

Maps of FMV and the intra-mural facilities used in the core veterinary programme

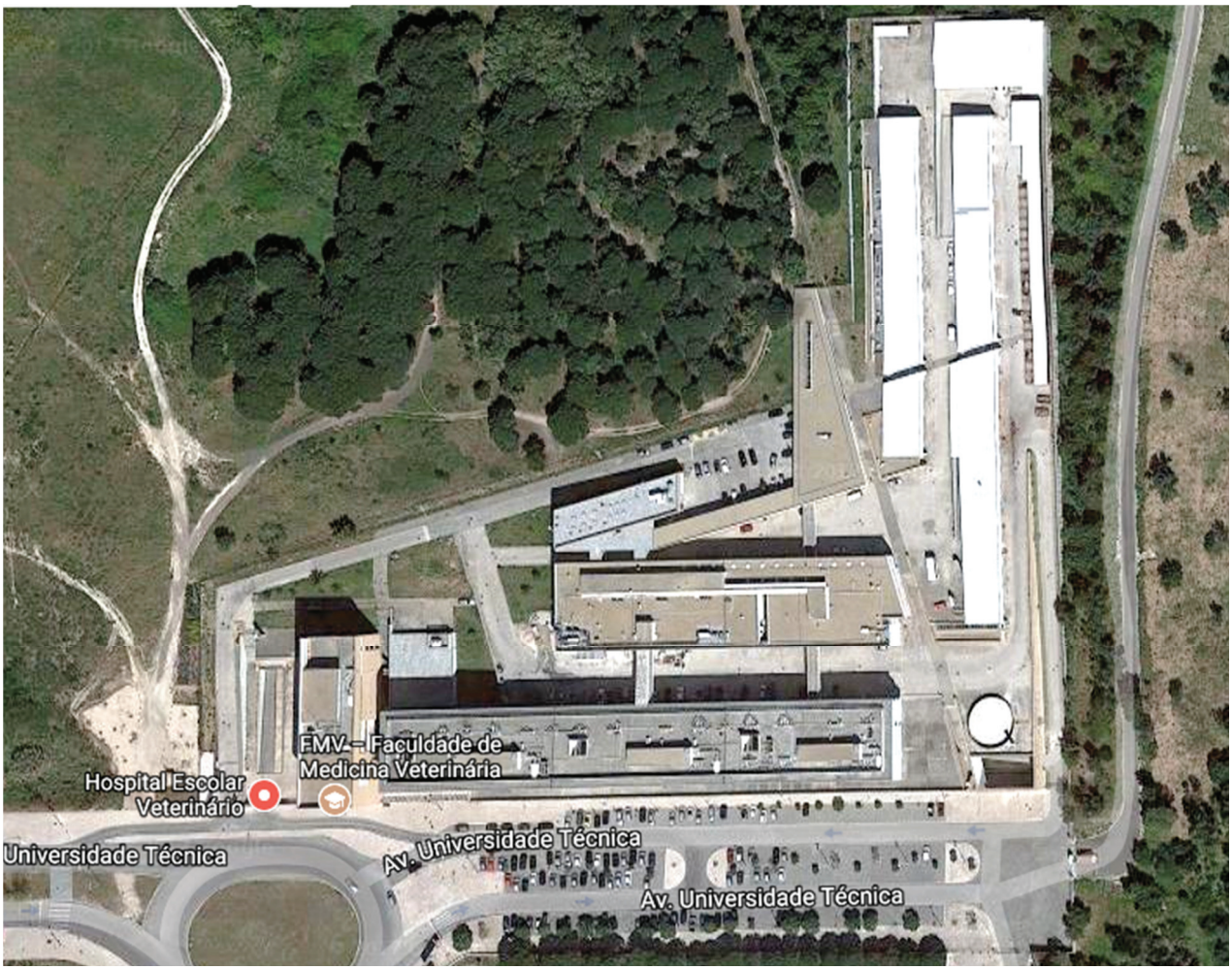
Appendix 3a

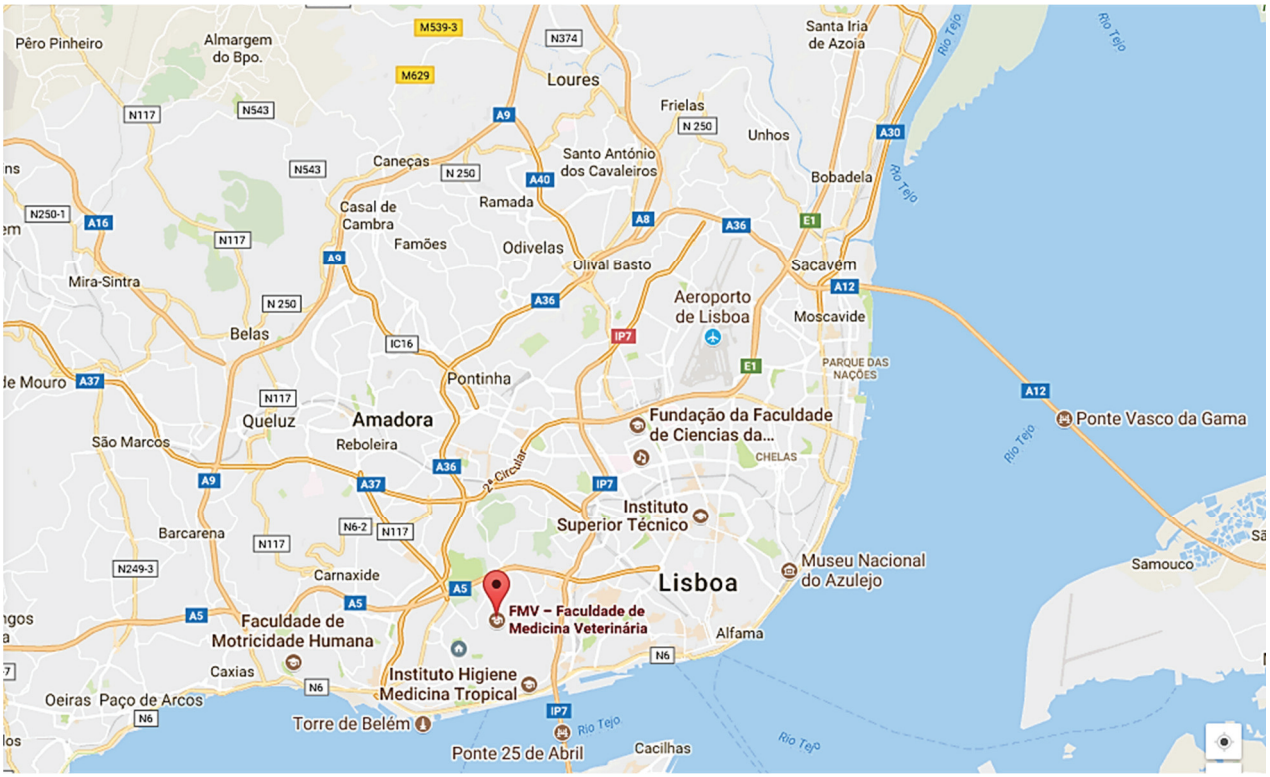
Maps of the Establishment and the intra-mural facilities used in the core veterinary programme

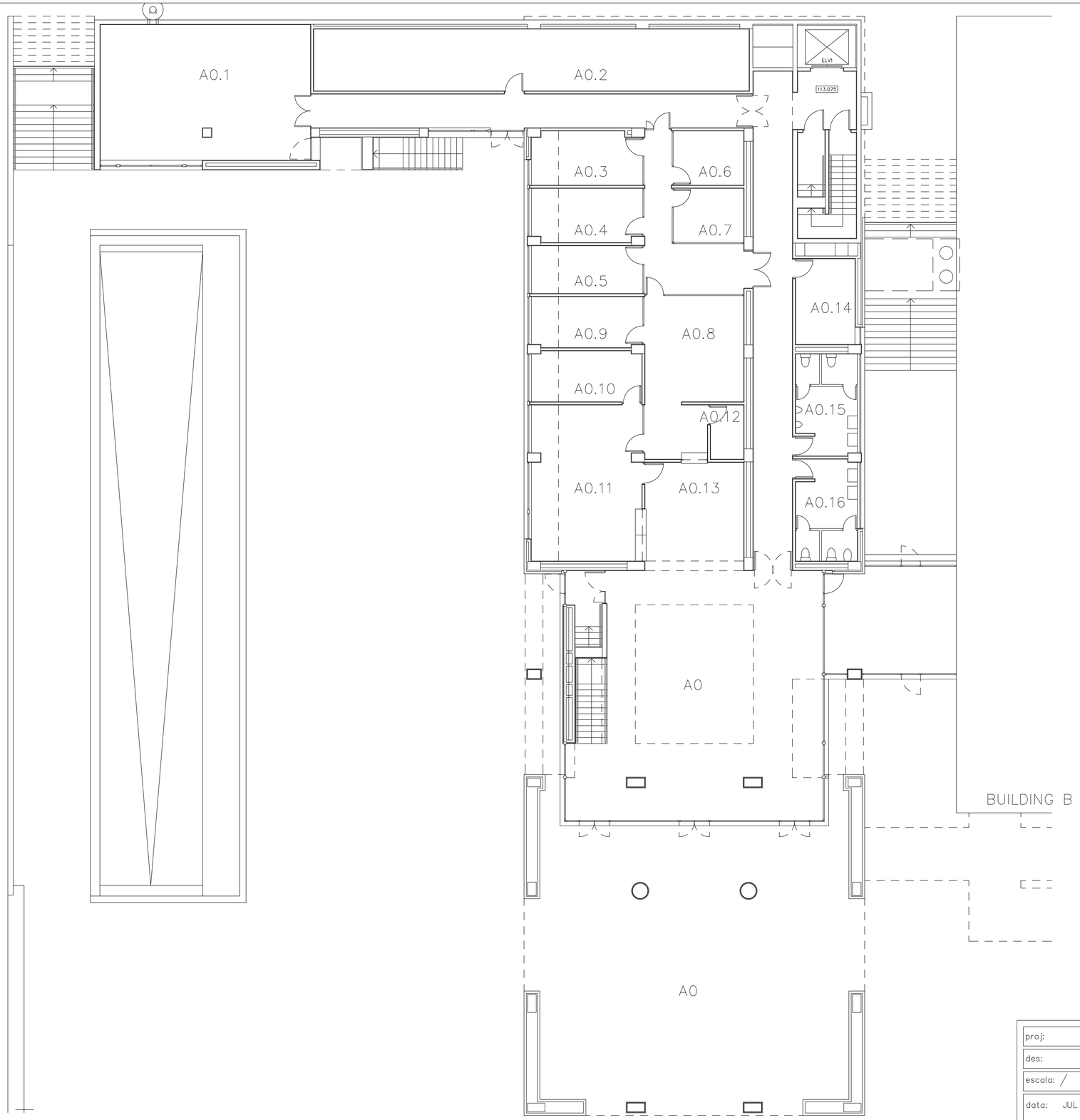
General Plant of FMV



Building A	Management Bodies, Administrative Services, Academic Office, lecture halls, Library
Building B	Auditorium
Building C	Laboratories of practical classes, lecture halls, Research laboratories, Food Technology Unit, Teachers' offices.
Building D	Veterinary Teaching Hospital, Animal Lab Facilities, Reproduction and Obstetrics, Teachers' offices.
Building E	Veterinary Teaching Hospital
Building F	Lecture hall
Building G	Anatomy and Anatomical pathology rooms for practical classes, Infectious Diseases Isolation Unit
Building H	Sheep, Goat, Bovine and Equine Premises
Building I	Horse riding arenas and stalls


FMV – Faculdade de Medicina Veterinária
Hospital Escolar Veterinário
Universidade Técnica
Av. Universidade Técnica
Av. Universidade Técnica


Pêro Pinheiro
Almargem do Bpo.
Loures
Frielas
Santa Iria de Azoia
Unhos
Bobadela
Caneças
Santo António dos Cavaleiros
Ramada
Casal de Cambra
Famões
Odivelas
Olival Basto
Sacavém
Moscavide
Aeroporto de Lisboa
Mira-Sintra
Belas
Pontinha
Amadora
Queluz
Reboleira
São Marcos
Fundação da Faculdade de Ciencias da...
CHELAS
PARQUE DAS NAÇÕES
Ponte Vasco da Gama
Instituto Superior Técnico
Barcarena
Carnaxide
Lisboa
Museu Nacional do Azulejo
Samouco
FMV – Faculdade de Medicina Veterinária
Faculdade de Motricidade Humana
Alfama
Caxias
Instituto Higiene Medicina Tropical
Oeiras
Paço de Arcos
Torre de Belém
Ponte 25 de Abril
Cacilhas
Rio Tejo



BUILDING A

GENERAL SERVICES

ADMINISTRATION AND MANAGEMENT SERVICES

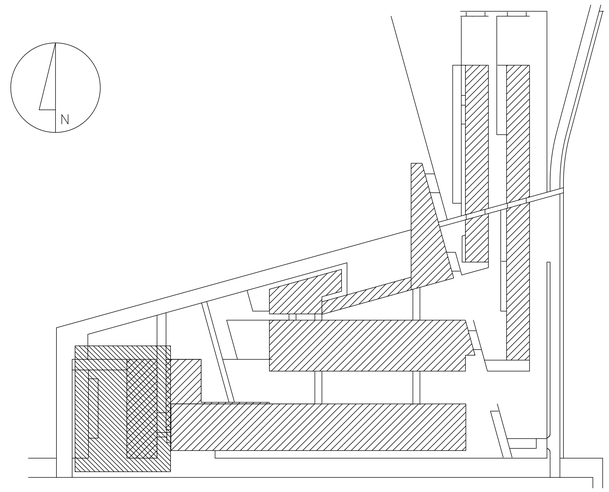
A0 – MAIN ENTRANCE
A0.2 – PAPER STORE
A0.3 – PHONE CENTRAL
A0.4 – SECRETARY OFFICE
A0.5 – ACCOUNTANCY OFFICE
A0.6 – ADMINISTRATIVE OFFICE
A0.7 – MEETING ROOM
A0.8 – ARCHIVE
A0.9 – ACADEMIC OFFICE CHIEF
A0.10 – SUPPORT STAFF OFFICE
A0.11 – ACADEMIC OFFICE
A0.12 – STORE
A0.13 – RECEPTION
A0.14 – SUPPORT STAFF OFFICE

MAINTENANCE SERVICES

A0.1 – HEATING UNIT

TOILETS

A0.15 – WC MALE
A0.16 – WC FEMALE



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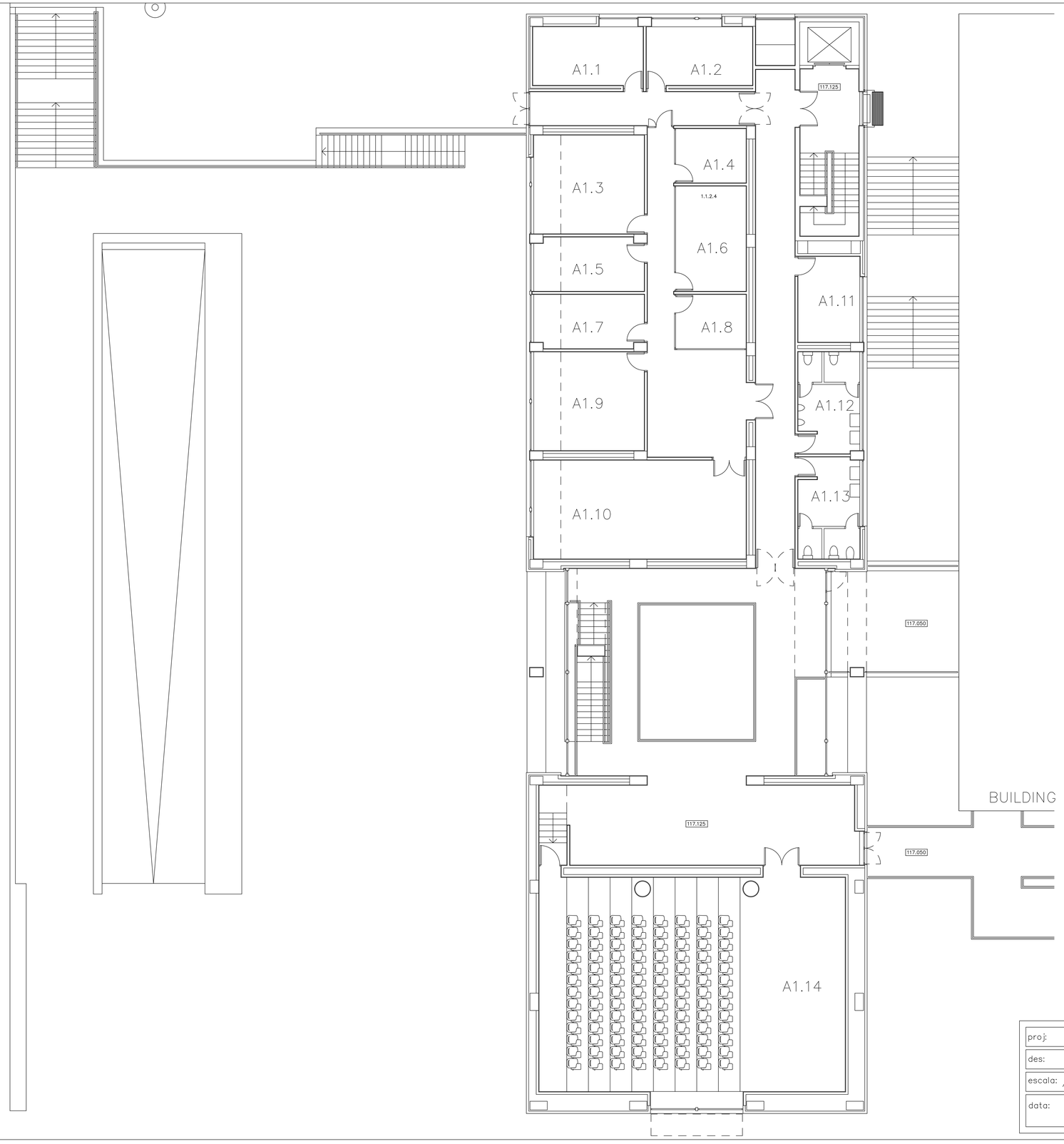


BUILDING A

GENERAL SERVICES

ADMINISTRATION AND MANAGEMENT SERVICES

DIRECTIVE COUNCIL
- A1.9 – DEAN'S OFFICE
- A1.8 – VICE–PRESIDENT OFFICE
- A1.10 – MEETING ROOM
- A1.6 – WAITING ROOM
- A1.3 – SECRETARIAL OFFICE
- A1.11 – STORE

PEDAGOGICAL COUNCIL
- A1.4 – PRESIDENT OFFICE

SCIENTIFIC COUNCIL
- A1.7 – PRESIDENT COUNCIL
- A1.5 – SECRETARY OFFICE

LECTURE HALLS

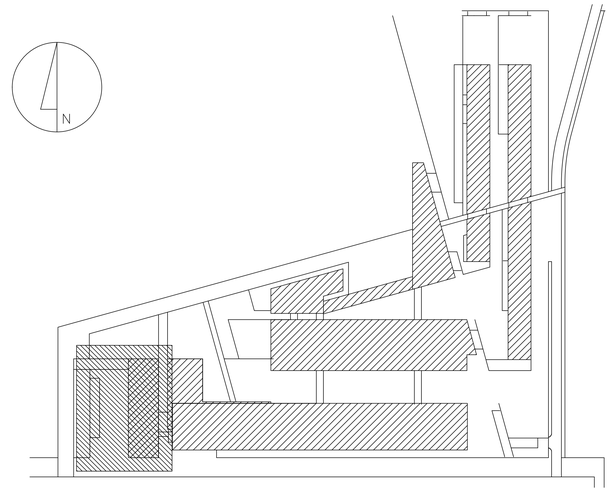
- A1.14 – LECTURE HALL FOR 120 STUDENTS

MAINTENANCE SERVICES

- A1.1 – MAINTENANCE OFFICE
- A1.2 – SECURITY OFFICE

TOILETS

- A1.12 – WC MALE
- A1.12 – WC FEMALE



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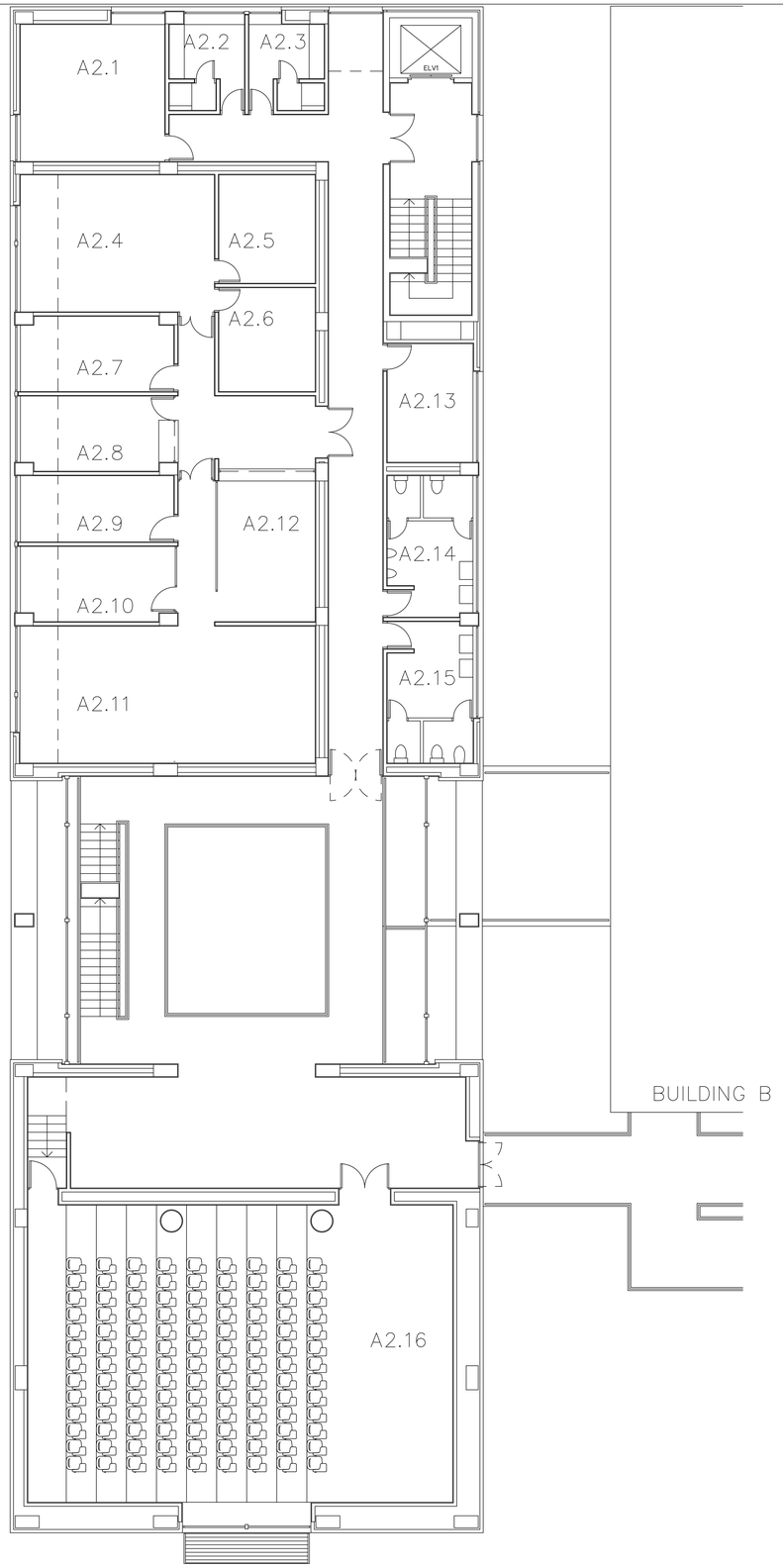


BUILDING A

GENERAL SERVICES

ADMINISTRATION AND MANAGEMENT SERVICES

A2.1 – DELIVER OFFICE
A2.4 – ACCOUNTANCY
A2.5 – STORE
A2.6 – ARCHIVE
A2.7 – FINANCIAL OFFICE
A2.8 – MEETING ROOM
A2.12 – CASHIER
A2.13 – ARCHIVE

AUDIO–VISUAL SUPPORT SERVICES

A2.11 – PHOTOCOPY ROOM
A2.10 – OFFICE

LECTURE HALLS

A2.16 – LECTURE HALL FOR 120 STUDENTS

MAINTENANCE SERVICES

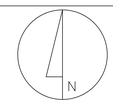
A2.2 – SHOWERS M/F
A2.3 – SHOWERS M/F

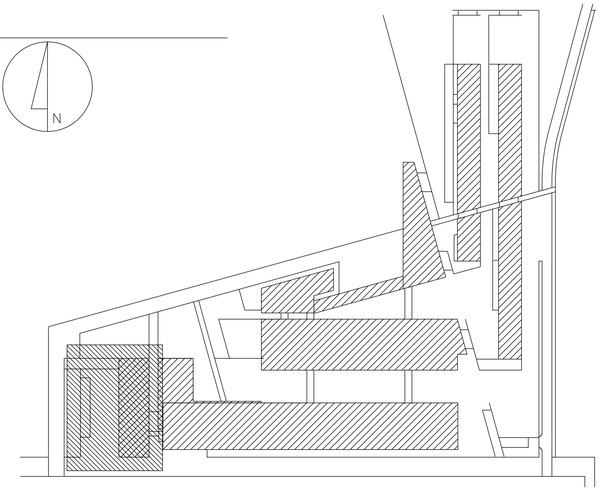
TOILETS

A2.2 – SHOWERS M/F
A2.3 – SHOWERS M/F
A2.14 – WC MALE
A2.15 – WC FEMALE

ACADEMIC SERVICES

A2.9 – STUDENT SUPPORT OFFICE





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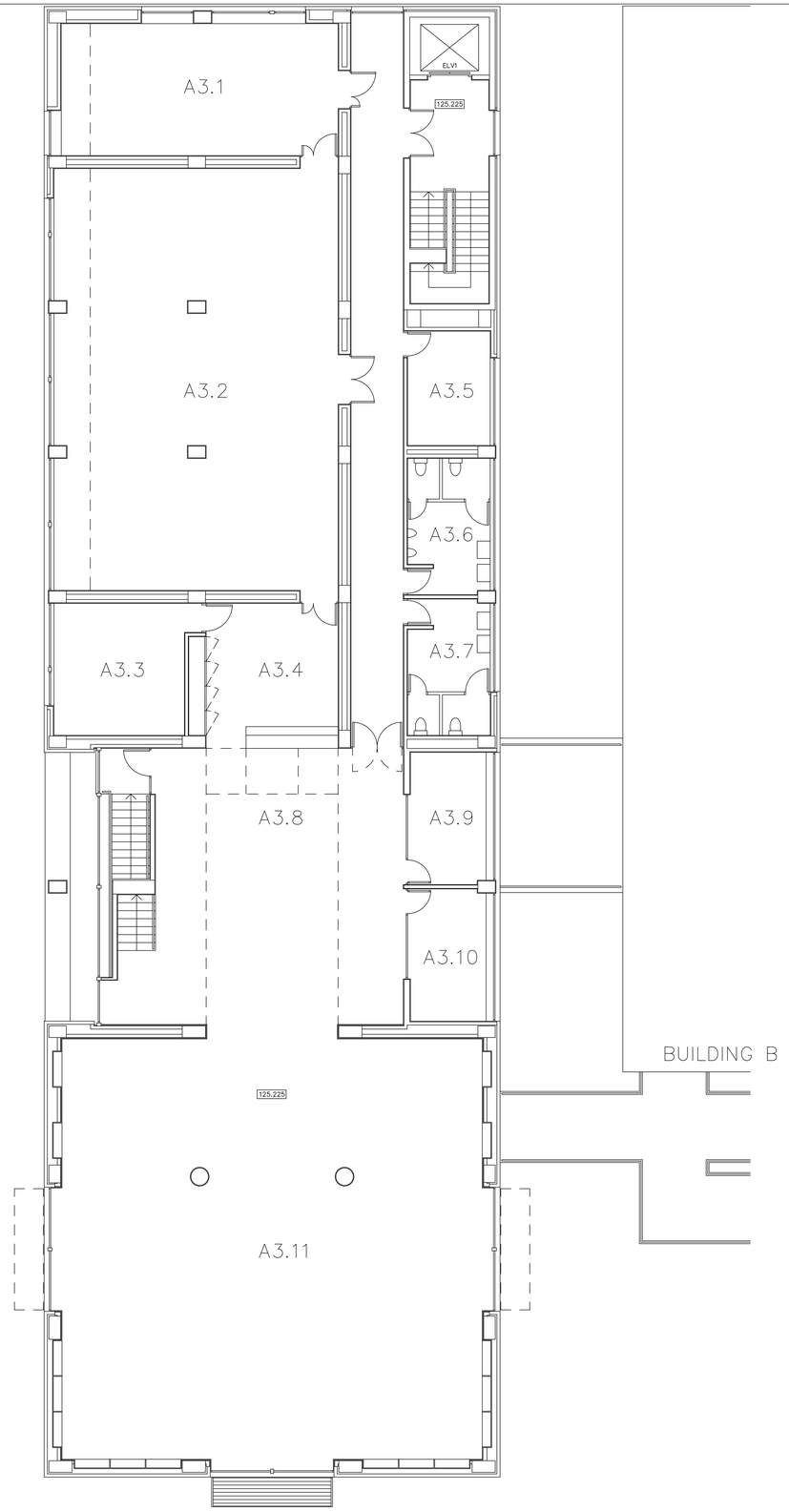


BUILDING A

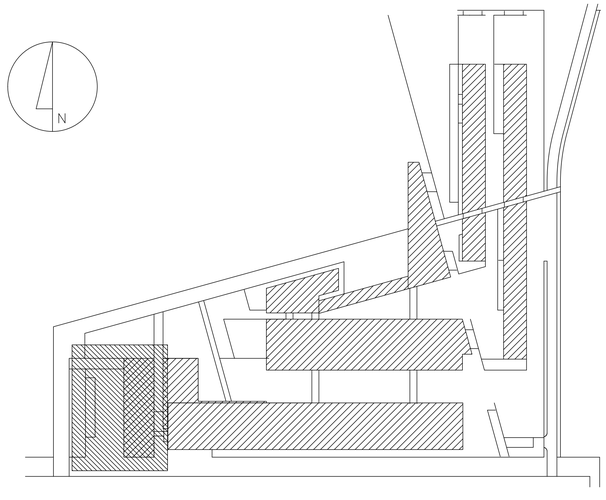
GENERAL SERVICES

MAIN LYBRARY

A3.3 – LIBRARIAN OFFICE
A3.4 – SECRETARY OFFICE
A3.1 – FUMIGATION ROOM
A3.2 – DEPOSIT
A3.5 – ARCHIVE
A3.8 – SERVICES DESK
A3.11 – READING ROOM
A3.9 – SPECIAL BOOKS ROOM
A3.10 – COMPUTER ROOM

TOILETS

A3.6 – WC MALE
A3.7 – WC FEMALE



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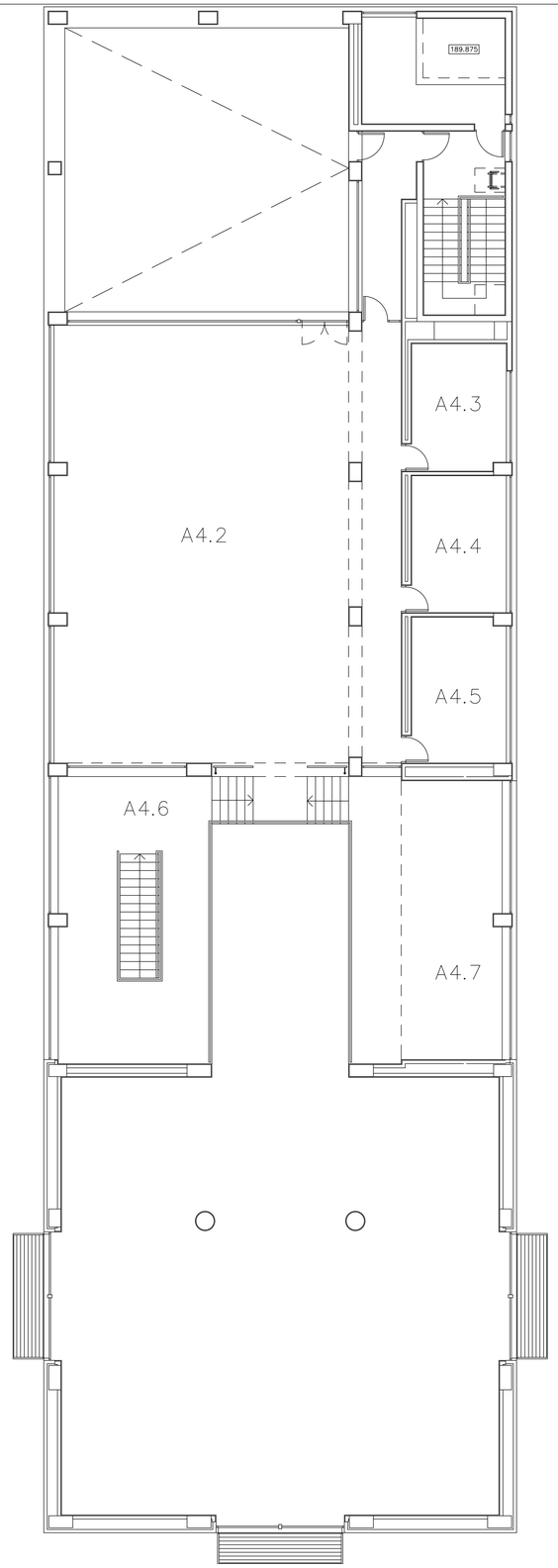
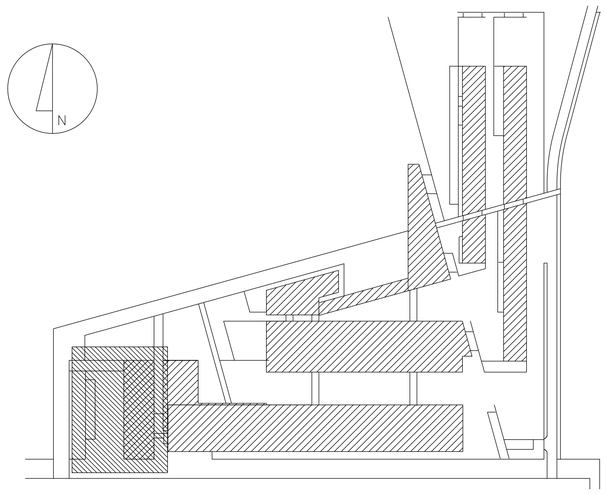


BUILDING A

GENERAL SERVICES

MAIN LYBRARY

A4.2 – READING ROOM
A4.3 – GROUP STUDY ROOM
A4.4 – GROUP STUDY ROOM
A4.5 – GROUP STUDY ROOM
A4.6 – JOURNAL ROOM
A4.6 – INDIVIDUAL STUDY ROOM



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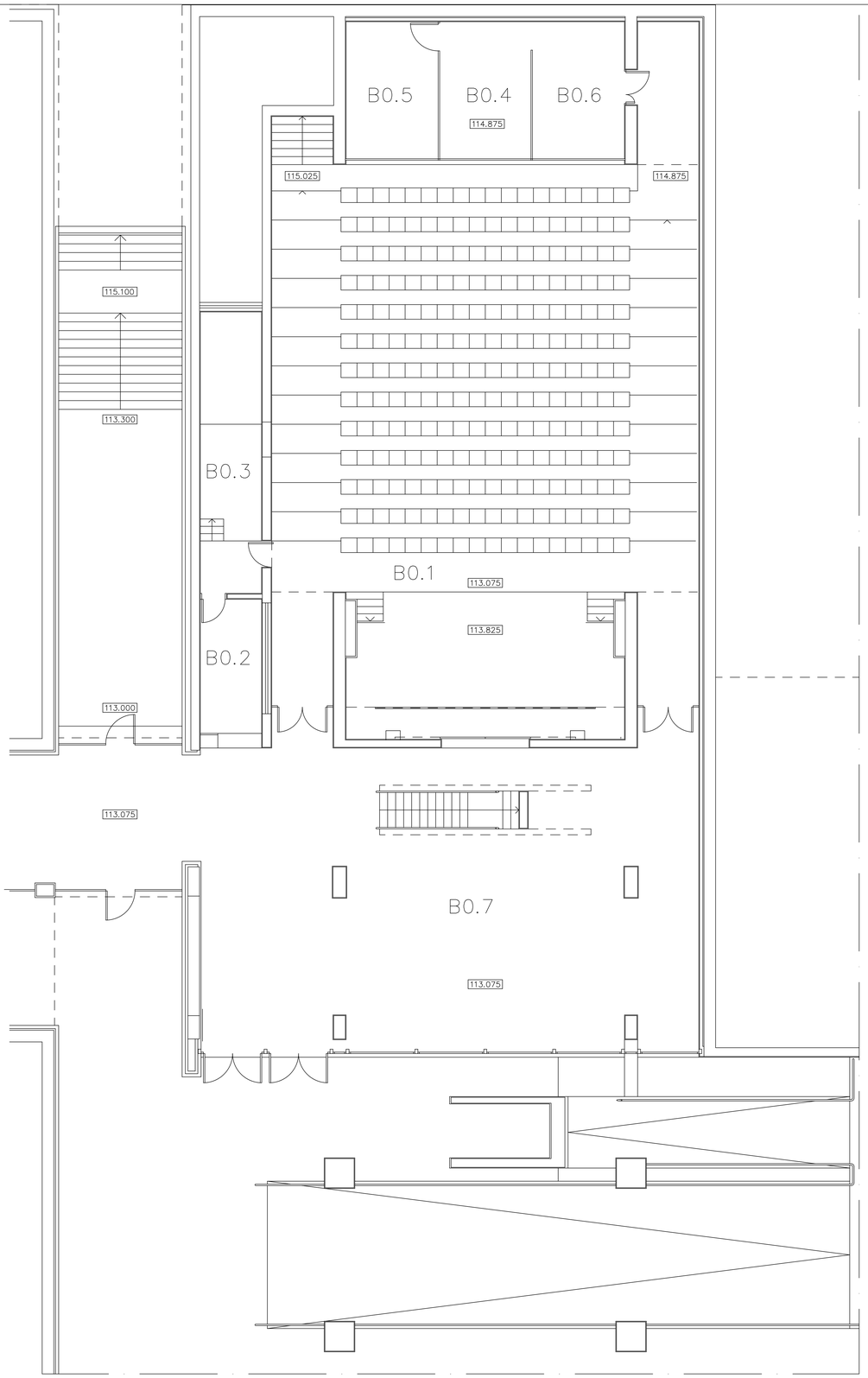
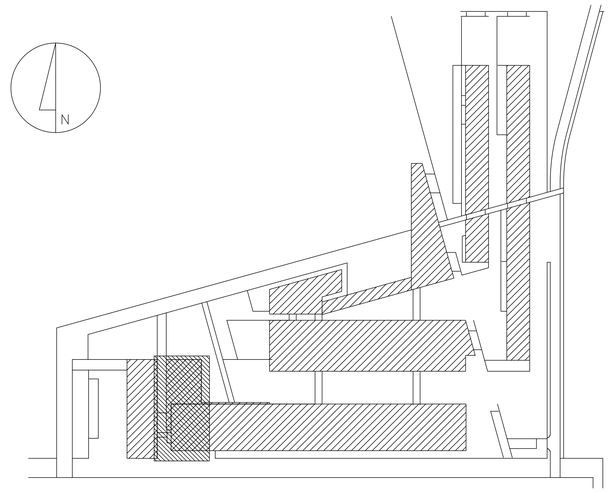


BUILDING B

GENERAL SERVICES

LECTURES

B0.1 – AUDITORIUM
B0.7 – FOYER
B0.2 – COAT ROOM
B0.6 – CONFERENCE ROOM
B0.3 – STORE
B0.4 – SIMULTANEOUS TRANSLATION ROOM
B0.5 – SIMULTANEOUS TRANSLATION ROOM



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data: JUL 2017			substituido:

BUILDING C

GENERAL SERVICES

STUDENTS'S ASSOCIATION

– SPACES OF STUDENT'S ASSOCIATION

LECTURES

– LECTURE HALLS

C0.12 – LECTURE HALL

– SEMINAR ROOMS

C0.13 – SEMINAR ROOM

TOILETS

C0.15 – WC FEMALE

C0.16 – WC MALE

COMMON SPACES

C0.14 – SERVER AND TELEPHONE ROOM

C0.11 – STORE

C0.20 – REAGENT STORE

C0.21 – REAGENT STORE

DEPARTMENTAL AREAS

PARASITOLOGY

C0.18 – PRATICAL CLASSES LABORATORY

C0.19 – PRATICAL CLASSES LABORATORY

MEDICAL SEMIOTICS

C0.17 – PRATICAL CLASSES LABORATORY

BUILDING C

COMMON SPACES

C0.24 – PREPARATORY LABORATORY

C0.25 – PREPARATORY LABORATORY

TOILETS

C0.28 – WC FEMALE

C0.29 – WC MALE

DEPARTMENTAL AREAS

MICROBIOLOGY

C0.23 – PRATICAL CLASSES LABORATORY

INFECTIOUS DISEASES

C0.22 – PRATICAL CLASSES LABORATORY

DEPARTMENTAL AREAS

FISIOLOGY AND BIOPHISICS

– PRATICAL CLASSES LABORATORY

– PRATICAL CLASSES LABORATORY

COMMON SPACES

C0.31 – IT ROOM

C0.30 – OFFICE

C0.35 – REAGENT STORE

C0.32 – SHOWERS M/F

C0.34 – SHOWERS M/F

MAINTENANCE SERVICES

C0.37 – TECHNICAL AREA

TECHNICAL AREAS

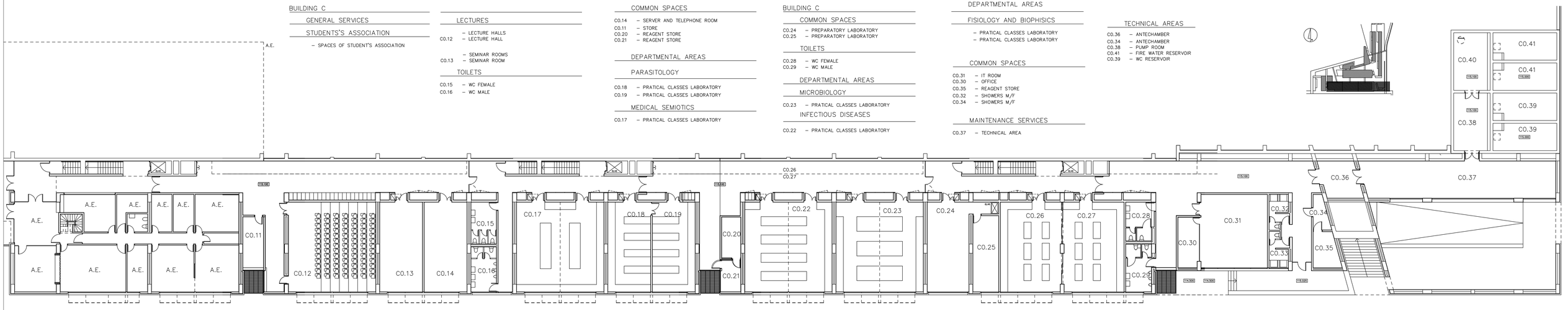
C0.36 – ANTECHAMBER

C0.34 – ANTECHAMBER

C0.38 – PUMP ROOM

C0.41 – FIRE WATER RESERVOIR

C0.39 – WC RESERVOIR



BUILDING C

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BUILDING C

GENERAL SERVICES

AR – STORE ROOMS
C1.8 – GRADUATE ASSOCIATION

STUDENT'S ASSOCIATION

A.E. – STUDENT'S ASSOCIATION AREAS

BUILDING C

LECTURES

– LECTURE HALLS
C1.12 – LECTURE HALLS FOR 80 STUDENTS

TOILETS

C1.15 – WC FEMALE
C1.16 – WC MALE

DEPARTMENTAL AREAS

ANATOMY I E II

C1.19 – PREPARATORY ROOM

PATHOLOGY

C1.17 – PRATICAL CLASSES LABORATORY

HISTOLOGY

C1.18 – PRATICAL CLASSES LABORATORY

TECHNICAL SPACES

C1.13 – SEMINAR ROOM
C1.14 – STAFF ROOM

COMMON AREAS

C1.25 – IT CLASSROOM
C1.24 – OFFICE
C1.22 – PREPARATORY ROOM

TOILETS

C1.26 – WC FEMALE
C1.27 – WC MALE

DEPARTMENTAL AREAS

ANATOMY I E II

C1.20 – LABORATORY

DEPARTMENTAL AREAS

BIOCHEMISTRY

C1.21 – PRATICAL CLASSES LABORATORY

DEPARTEMENTAL AREAS

NUTRITION

C1.28 – PRATICAL CLASSES LABORATORY
C1.29 – PREPARATORY

GENETICS

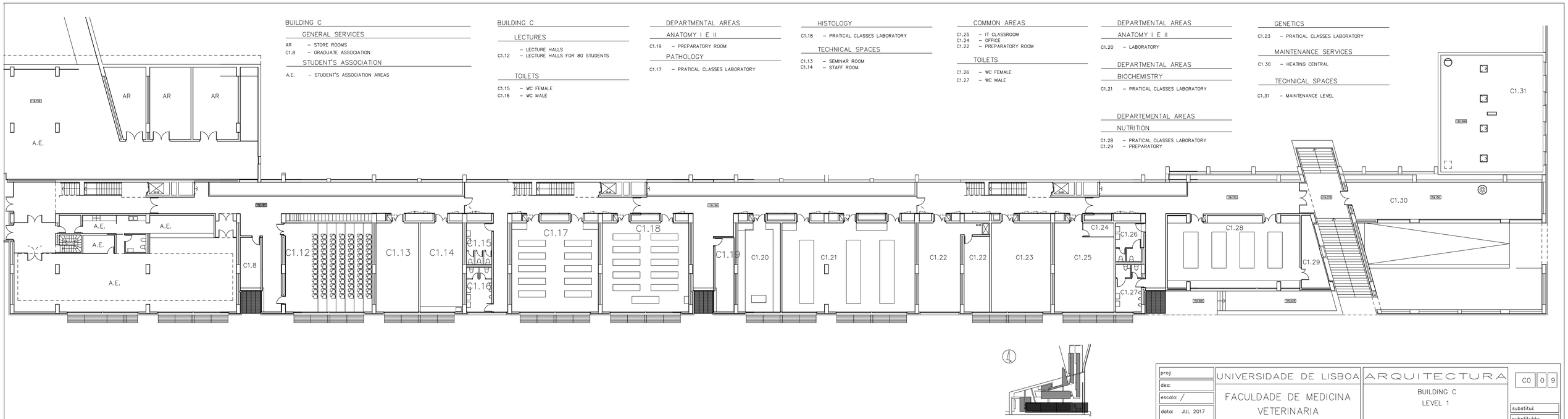
C1.23 – PRATICAL CLASSES LABORATORY

MAINTENANCE SERVICES

C1.30 – HEATING CENTRAL

TECHNICAL SPACES

C1.31 – MAINTENANCE LEVEL



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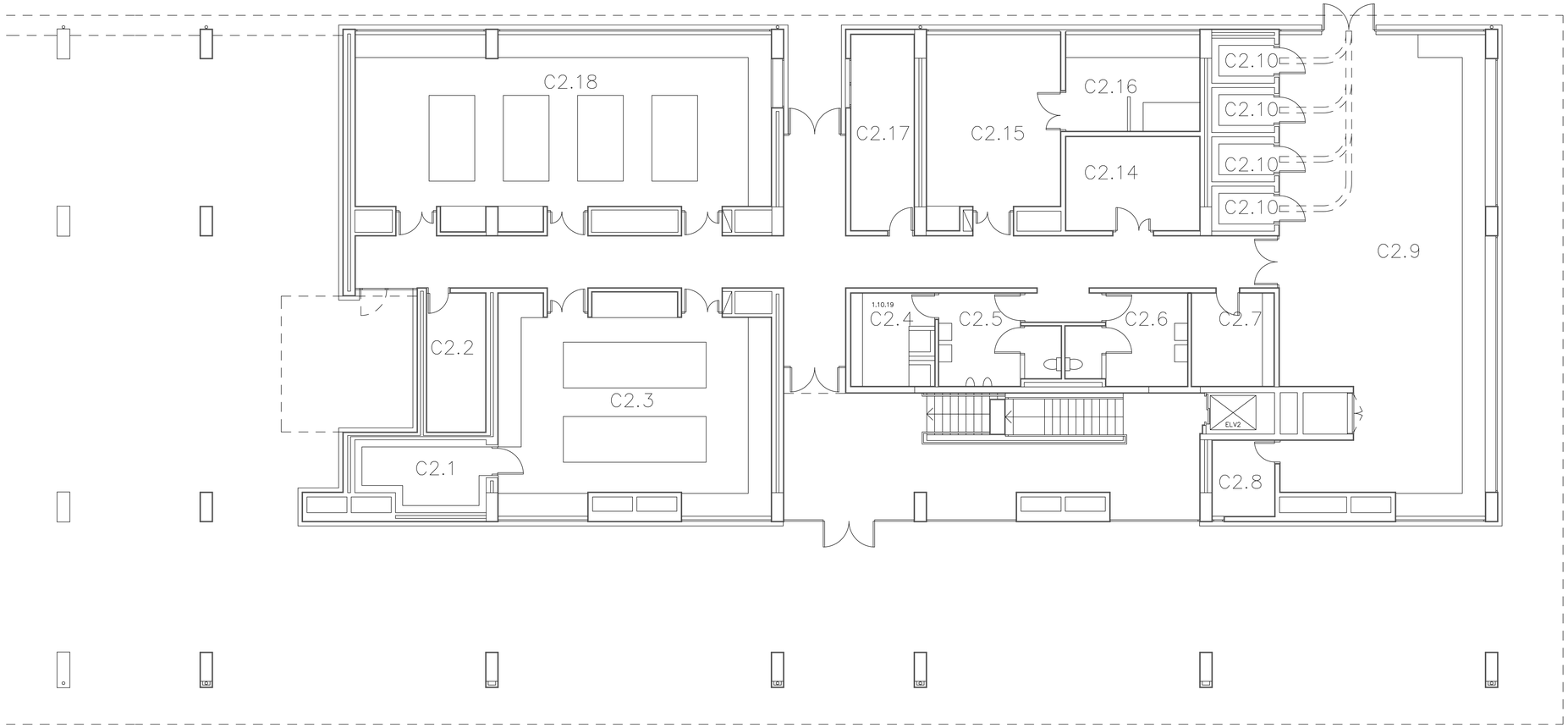


BUILDING C

TOILETS

C2.5 – WC MALE
C2.6 – WC FEMALE

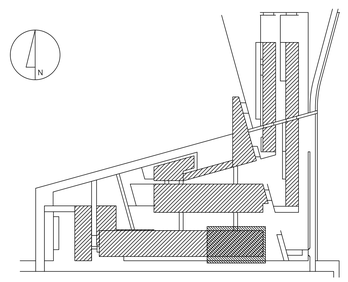
COMMON SERVICES

C2.15 – PREPARATORY
C2.16 – CLEANING ROOM
C2.14 – STORE
C2.2 – REAGENT STORE
C2.4 – SHOWER M/F
C2.17 – SUPPORT STAFF ROOM
C2.7 – STORES

DEPARTMENTAL AREAS

FOOD TECHNOLOGY

C2.18 – CHEMISTRY LABORATORY
C2.19 – FOOD MICROBIOLOGY LABORATORY
C2.1 – COLD STORE
C2.9 – REPAIR ROOM
C2.10 – COLD STORE
C2.8 – SMOKING ROOM



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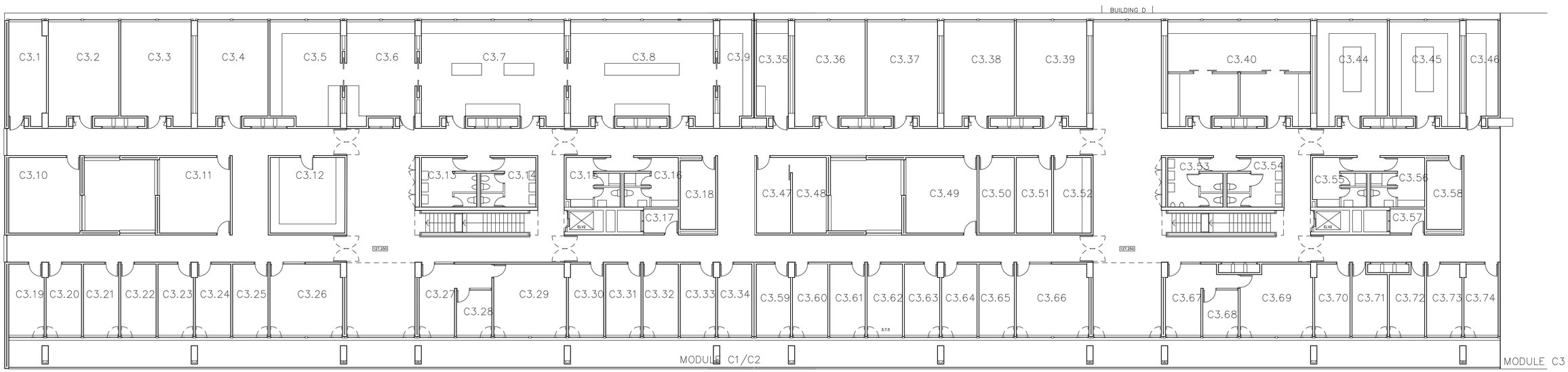


BUILDING C

GENERAL SERVICES

LECTURES

– SEMINAR ROOMS
C3.2 – SEMINAR ROOM

TOILETS

C3.13 – WC MALE
C3.14 – WC FEMALE

COMMON AREAS

C3.15/16 – SHOWER M/F
C3.18 – STORE
C3.17 – STORE

DEPARTMENTAL AREAS

DEPARTMENTAL CENTER

C3.29 – DIRECTOR OFFICE
C3.27 – SECRETARY OFFICE
C3.28 – WAITING ROOM
C3.26 – BOARD ROOM

FARMACOLOGY AND TOXICOLOGY

C3.9 – CLEANING ROOM
C3.8 – PREPARATORY LABORATORY
C3.7 – ANALYTICAL LABORATORY
C3.6 – BIO–ANALYTICAL LABORATORY
C3.5 – BIOLOGICAL LABORATORY
C3.1 – INSTRUMENTAL ROOM

DEPART. COMMON AREAS

C3.4 – LYBRARY
C3.3 – AUDIO–VISUAL ROOM
C3.10 – POSTGRADUATE ROOM
C3.11 – SUPPORT STAFF ROOM
C3.12 – DARK ROOM
C3.19 A C3.25 – STAFF ROOMS
C3.30 A C3.34 – STAFF ROOMS

BUILDING C

GENERAL SERVICES

LECTURES

– SEMINAR ROOMS
C3.38 – SEMINAR ROOM

TOILETS

C3.53 – WC MALE
C3.54 – WC FEMALE

COMMON AREAS

C3.40 – PREPARATORY ROOM
C3.55/56 – SHOWER M/F
C3.50 – BALANCE ROOM
C3.51 – CENTRIFUGE ROOM
C3.57 – STORE

DEPARTMENTAL AREAS

FARMACOLOGY AND TOXOLOGY

C3.47 – LABORATORY ANIMALS ROOM
C3.48 – LABORATORY ANIMALS ROOM
C3.35 – LABORATORY ANIMALS ROOM

DEPART. COMMON AREAS

C3.59 A C3.61 – STAFF ROOMS

DEPARTMENTAL AREAS

DEPARTMENT DIRECTION

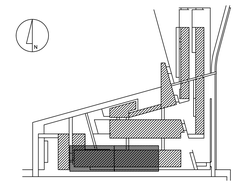
C3.69 – DIRECTOR'S OFFICE
C3.67 – SECRETARY ROOM
C3.68 – WAITING ROOM
C3.66 – BOARD ROOM

SANITARY INSPECTION

C3.45 – FOOD CHEMISTRY LABORATORY
C3.44 – FOOD MICROBIOLOGY LABORATORY
C3.46 – FOOD MICOLOGY LABORATORY
C3.58 – BALANCE ROOM
C3.52 – TISSUE CULTURE ROOM

COMMON DEPART. AREAS

C3.39 – LIBRARY
C3.37 – AUDIO–VISUAL ROOM
C3.36 – POSTGRADUATE ROOM
C3.49 – SUPPORT STAFF ROOM
C3.62 A C3.65 – STAFF OFFICES
C3.70 A C3.74 – STAFF OFFICES



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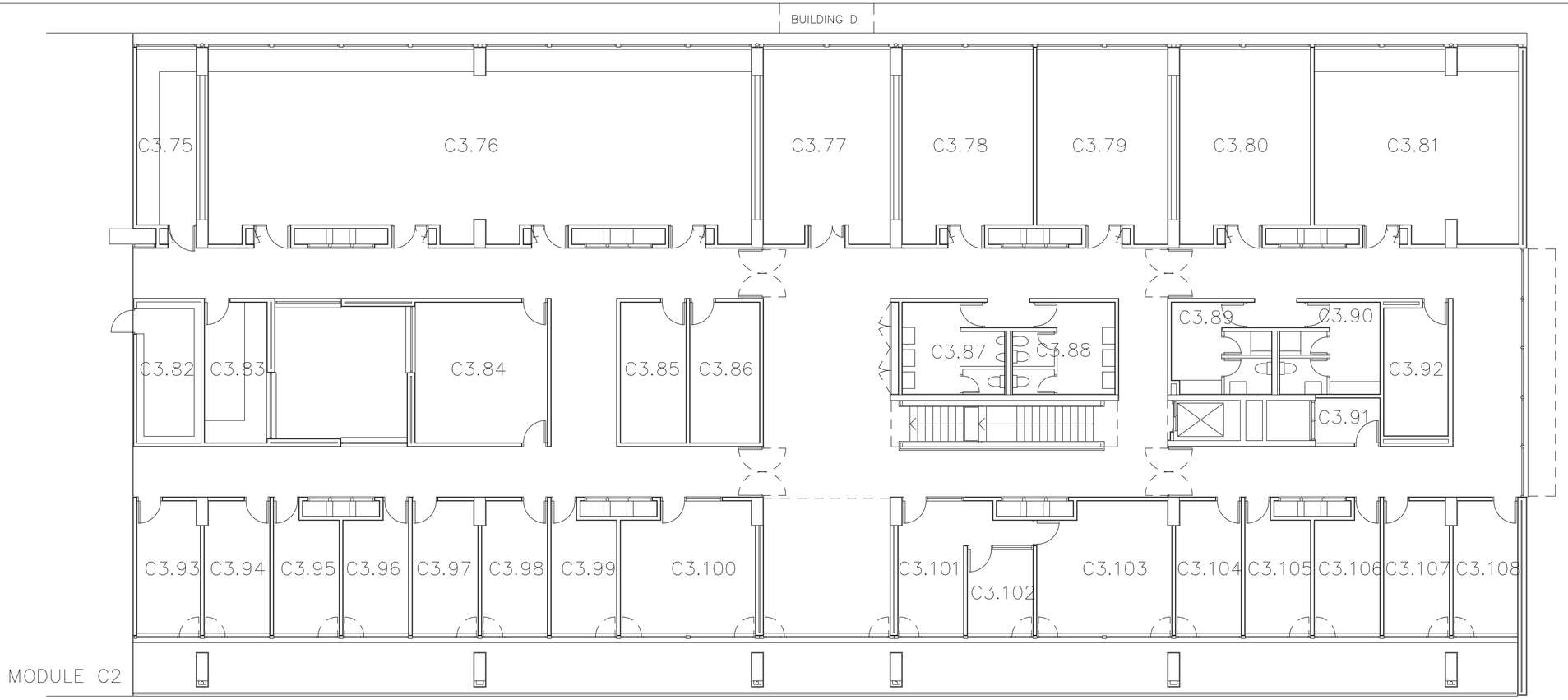


BUILDING C

GENERAL SERVICES

LECTURES

– SEMINAR ROOMS
CE.79 – SEMINAR ROOM

TOILETS

C3.87 – WC MALE
C3.88 – WC FEMALE

COMMON AREAS

C3.89/90– SHOWER M/F
C3.85 – STORE
CE.86 – ARCHIVE
C3.91/92– STORE
C3.82 – COLD ROOM

SANITARY INSPECTION

C3.75 – TISSUE CULTURE ROOM
C3.83 – LAB ANIMAL ROOM

DEPART. COMMON AREAS

C3.93 – STAFF ROOM

DEPARTMENTAL AREAS

DEPARTMENT DIRECTION

C3.103 – DIRECTOR'S OFFICE
C3.101 – SECRETARY ROOM
C3.102 – WAITING ROOM
C3.100 – BOARD ROOM

GENETICS

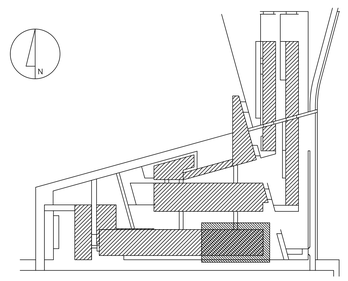
C3.81 – RESEARCH LABORATORY

ANIMAL PRODUCTION

C3.76 – RESEARCH LABORATORY

DEPART. COMMON AREAS

C3.80 – LYBRARY
C3.78 – AUDIO–VISUAL ROOM
C3.77 – POSTGRADUATE ROOM
C3.84 – SUPPORT STAFF ROOM
C3.94 A C3.99 – STAFF OFFICES
C3.104 A C3.108– STAFF OFFICES



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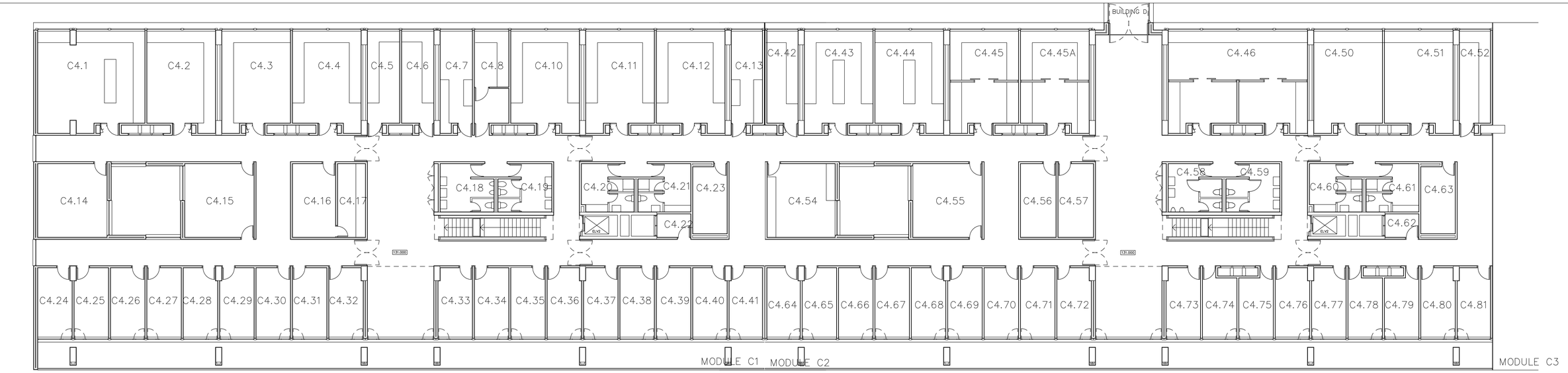


BUILDING C

GENERAL SERVICES

TOILETS

C4.18 – WC MALE
C4.19 – WC FEMALE

COMMON AREAS

C4.20/21 – SHOWER M/F
C4.23 – STORE
C4.22 – STORE

DEPARTMENTAL AREAS

PATHOLOGY

C4.5/6 – RESEARCH LABORATORY
C4.4 – DIAGNOSTIC LABORATORY

HISTOLOGY

C4.7 – RESEARCH LABORATORY
C4.10 – DIAGNOSTIC LABORATORY
C4.16 – ELECTRONIC MICROSCOPE
C4.17 – DARK ROOM
2.4.6 – SALA DE ULTRAMICROTOMIA
C4.8 – METAL SHADING ROOM

PARASITOLOGY

C4.12 – WATER TANKS
C4.11 – WATER TANKS
C4.13 – TICK ROOM

CLINICAL STUDIES

C4.1 – DIAGNOSTIC LABORATORY

MEDICAL SEMIOTICS

C4.2/3 – RESEARCH LABORATORY

DEPART. COMMON AREAS

C4.15 – SUPPORT STAFF ROOM
C4.24 A C4.41 – STAFF OFFICES
C4.14 – DRAWING ROOM

BUILDING C

GENERAL SERVICES

TOILETS

C4.58 – WC MALE
C4.59 – WC FEMALE

COMMON AREAS

C4.48 – PREPARATORY ROOM
C4.60/61 – SHOWER M/F
C4.57/63 – STORE
C4.56 – ARCHIVE
C4.52 – STORE
C4.44 – RADIO-ISOTOPE COUNTER ROOM

DEPARTMENTAL AREAS

PARASITOLOGY

C4.43 – RESEARCH LABORATORY
C4.42 – INSECT ROOM
C4.54 – ANIMAL ROOM

DEPART. COMMON AREAS

C4.64 A C4.66 – STAFF OFFICES

DEPART. AREAS

MICROBIOLOGY

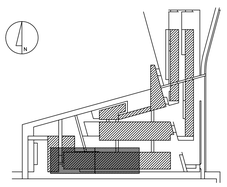
C4.45 – RETROVIROLOGY LABORATORY
C4.45A – BACTERIOLOGY LABORATORY

INFECTIOUS DISEASES

C4.52 – TISSUE CULTURE LABORATORY

DEPART. COMMON AREAS

C4.55 – SUPPORT STAFF ROOM
C4.50/51 – MOLECULAR BIOLOGY LABORATORY
C4.67 A C4.81 – STAFF ROOMS



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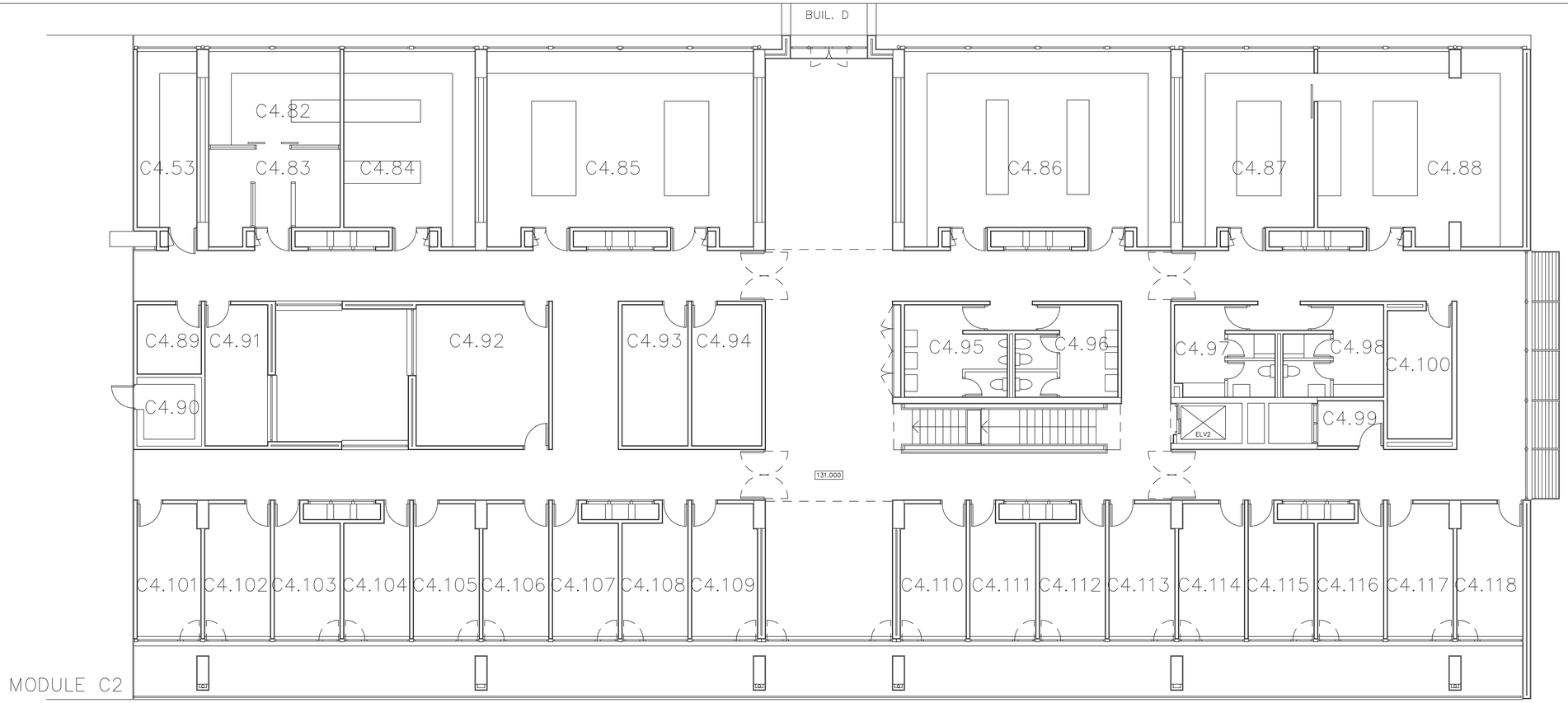


MODULE C2

BUILDING C

GENERAL SERVICES

TOILETS

C4.95 – WC MALE
C4.96 – WC FEMALE

COMMON AREAS

C4.9798 – SHOWER M/F
C4.93 – BALANCE ROOM
C4.94 – CENTRIFUGE ROOM
C4.100 – STORE
C4.99 – STORE
C4.90 – COLD STORE
C4.89 – DARK ROOM

DEPARTMENTAL AREAS

BIOCHEMISTRY

C4.85 – RESERARCH LABORATORY

INFECTIOUS DISEASES

C4.84 – RESEARCH LABORATORY
C4.83 – VIROLOGY LABORATORY
C4.53 – RESEARCH LABORATORY
C4.91 – ANIMAL ROOM

COMMON DEPART. AREAS

C4.101 A C4.105 – STAFF OFFICES

DEPARTMENTAL AREAS

NUTRITION

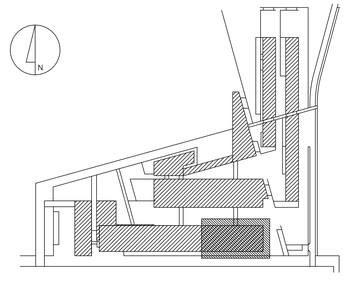
C4.86 – RESEARCH LABORATORY

FISIOLOGY E BIOPHISICS

C4.88 – RESEARCH LABORATORY
C4.87 – RESEARCH LABORATORY

COMMON DEPART. AREAS

C4.92 – SUPPORT STAFF ROOM
C4.106 A C4.118 – STAFF OFFICES



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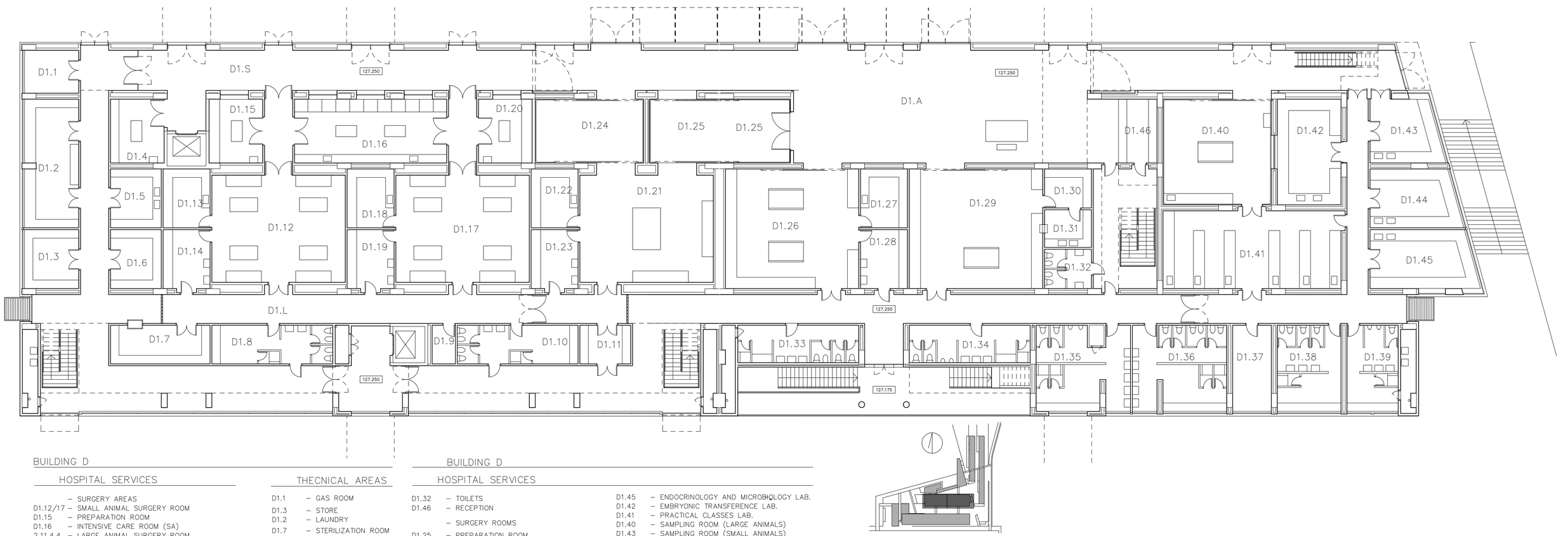

BUILDING D

HOSPITAL SERVICES

- SURGERY AREAS
- D1.12/17 – SMALL ANIMAL SURGERY ROOM
- D1.15 – PREPARATION ROOM
- D1.16 – INTENSIVE CARE ROOM (SA)
- 2.11.4.4 – LARGE ANIMAL SURGERY ROOM
- D1.25 – PREPARATION ROOM
- D1.24 – INTENSIVE CARE ROOM (LA)
- D1.14/23 – STAFF PREPARATION
- D1.13/22 – INSTRUMENT STORE
- D1.4 – EXAMINATION ROOM
- D1.5 – CLEANING PACKING ROOM
- D1.6 – DRUGSTORE

THECNICAL AREAS

- D1.1 – GAS ROOM
- D1.3 – STORE
- D1.2 – LAUNDRY
- D1.7 – STERILIZATION ROOM
- D1.8/10 – CHANGING ROOM
- D1.9 – STORE
- D1.11 – SCENE
- D1.L – CLEAN CIRCUIT
- D1.S – DIRTY CIRCUIT

BUILDING D

HOSPITAL SERVICES

- D1.32 – TOILETS
- D1.46 – RECEPTION
- SURGERY ROOMS
- D1.25 – PREPARATION ROOM
- D1.26 – OBSERVATION ROOM
- D1.28 – STAFF PREPARATION ROOM
- D1.27 – STORE
- D1.29 – X-RAY ROOM
- D1.30 – FILE ARCHIVE
- D1.31 – DARK ROOM
- D1.A – ANIMAL ADMISSION
- D1.33/34 – CHANGING ROOM (TECHNICAL STAFF)
- D1.35/36 – CHANGING ROOM (STUDENTS)

- D1.45 – ENDOCRINOLOGY AND MICROBIOLOGY LAB.
- D1.42 – EMBRYONIC TRANSFERENCE LAB.
- D1.41 – PRACTICAL CLASSES LAB.
- D1.40 – SAMPLING ROOM (LARGE ANIMALS)
- D1.43 – SAMPLING ROOM (SMALL ANIMALS)
- D1.44 – CLEANING AN D PACKING ROOM

DEPARTMENT AREAS

ANIMAL REPRODUCTION

- D1.37 – STAFF ROOM
- D1.38 – CHANGING ROOM F
- D1.39 – CHANGING ROOM M

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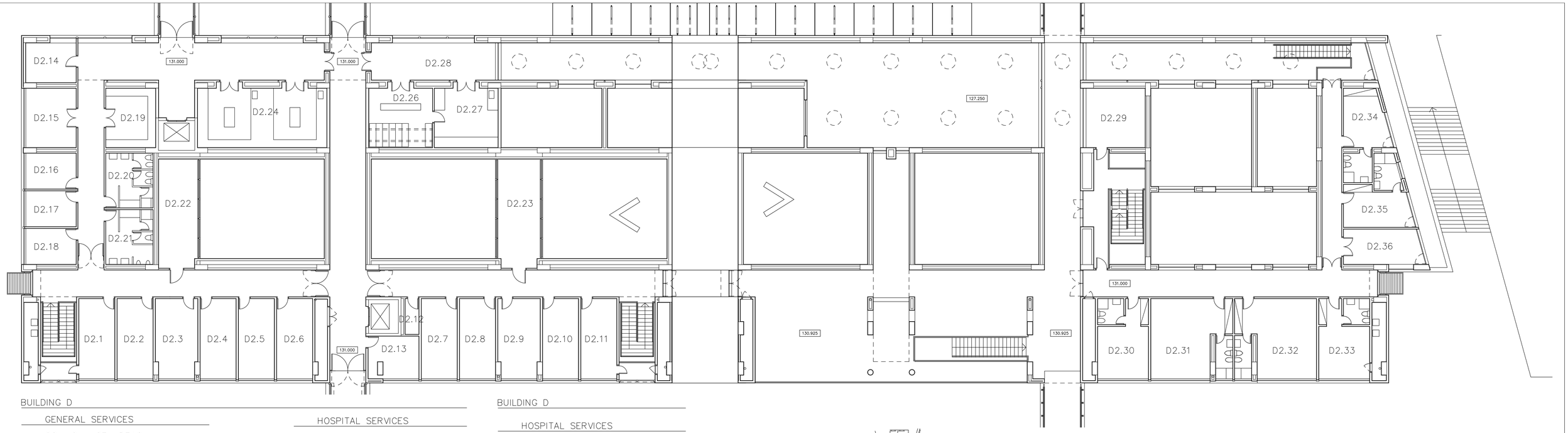


BUILDING D

GENERAL SERVICES

COMMON USE AREAS

D2.13 – CHANGING ROOM
D2.20/21 – STORE

DEPARTMENTAL AREA

SURGERY, ANESTESIOLOGY
RADIOLOGY AND OBSTETRICS

D2.1, D2.2, D2.4, D2.5 E D2.6 – OFFICES
D2.3 – MEETING ROOM / LIBRARY

ANIMAL REPRODUTION

D2.7/8 E D2.10/11 – STAFF OFFICES
D2.9 – MEETING ROOM / LIBRARY

HOSPITAL SERVICES

– DIRECTORY
D2.18 – DIRECTOR'S OFFICE
D2.15 – MEETING ROOM

– CLINICAL STAFF
D2.16 E D2.17 – OFFICES

– ADMINISTRATIVE STAFF
D2.14 – SECRETARY / ACCOUNTANCY
D2.29 – WAITING ROOM

– SURGERY AREAS
D2.22/23 – GALLERY FOR SURGERY ROOM

– CONSULTATION AREAS (SMALL ANIMALS)
D2.24 – TAC ROOM
2.11.5.2 – TREATMENT/ SMALL SURGERY
D2.19 – RADIOGRAPHY EXAM

– PHARMACEUTICAL SERVICES
D2.28 – CLIENT ENTRANCE
D2.26 – PHARMACY
D2.27 – STORE

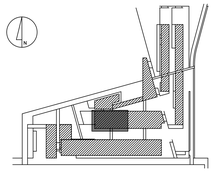
BUILDING D

HOSPITAL SERVICES

D2.29 – CLIENT WAITING ROOM / SURGERY

ACCOMODATIONS FOR 24H TEAM

D2.31 – FEMALE STUDENT ROOM (6)
D2.32 – MALE STUDANT ROOM (6)
D2.30, D2.33, D2.34 E D2.35 – STAFF INDIVIDUAL ROOMS
D2.36 – RESTING ROOM



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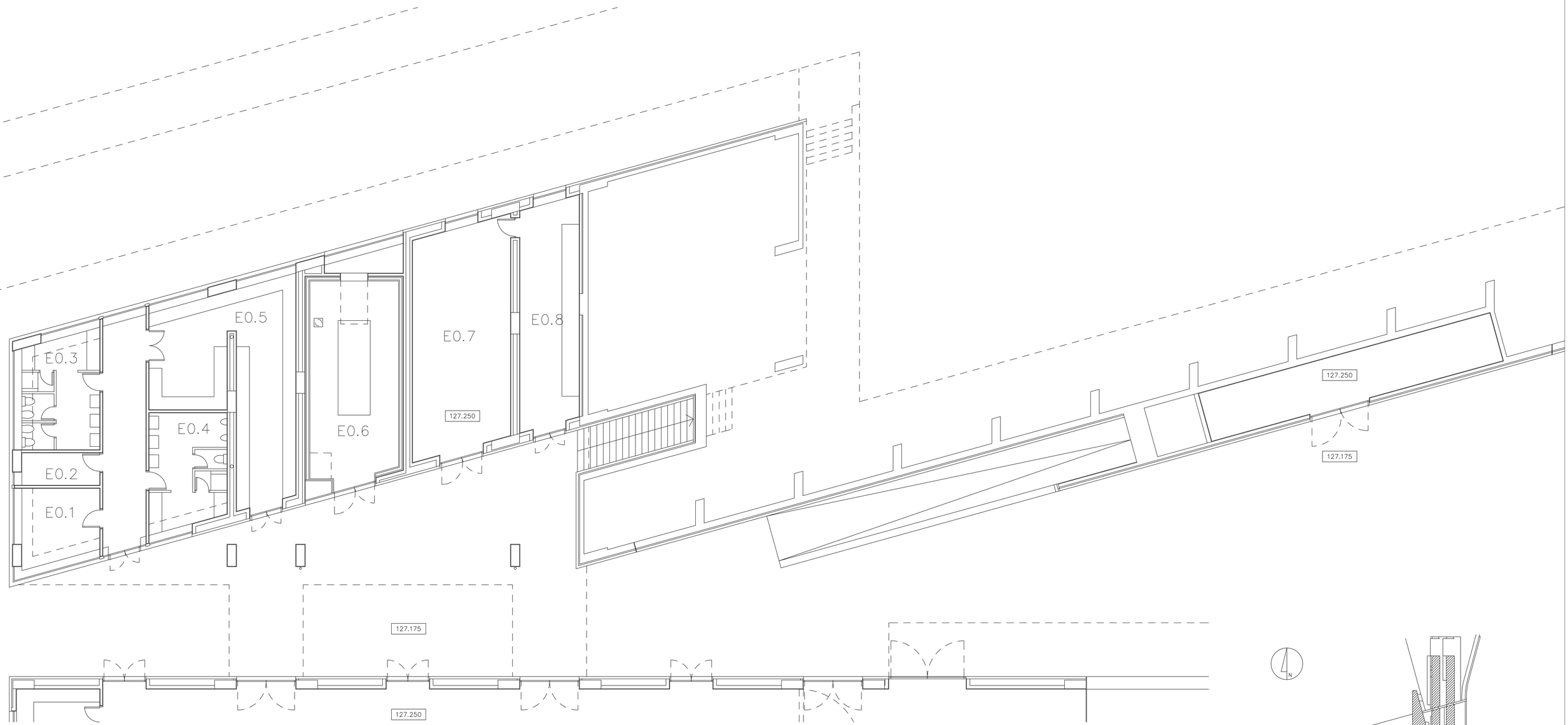

BUILDING E

GENERAL SERVICES

MAINTENANCE GROUP

E0.8 – ELECTRICAL CONTROL ROOM
E0.6 – EMERGENCY GENERATOR
E0.7 – TRANSFORMER
E0.5 – CENTRAL LAUNDRY UNIT
E0.3/4 – CHANGING ROOM
E0.1 E E0.2 – STORE

proj:	UNIVERSIDADE DE LISBOA	ARQUITECTURA	E0 1 6
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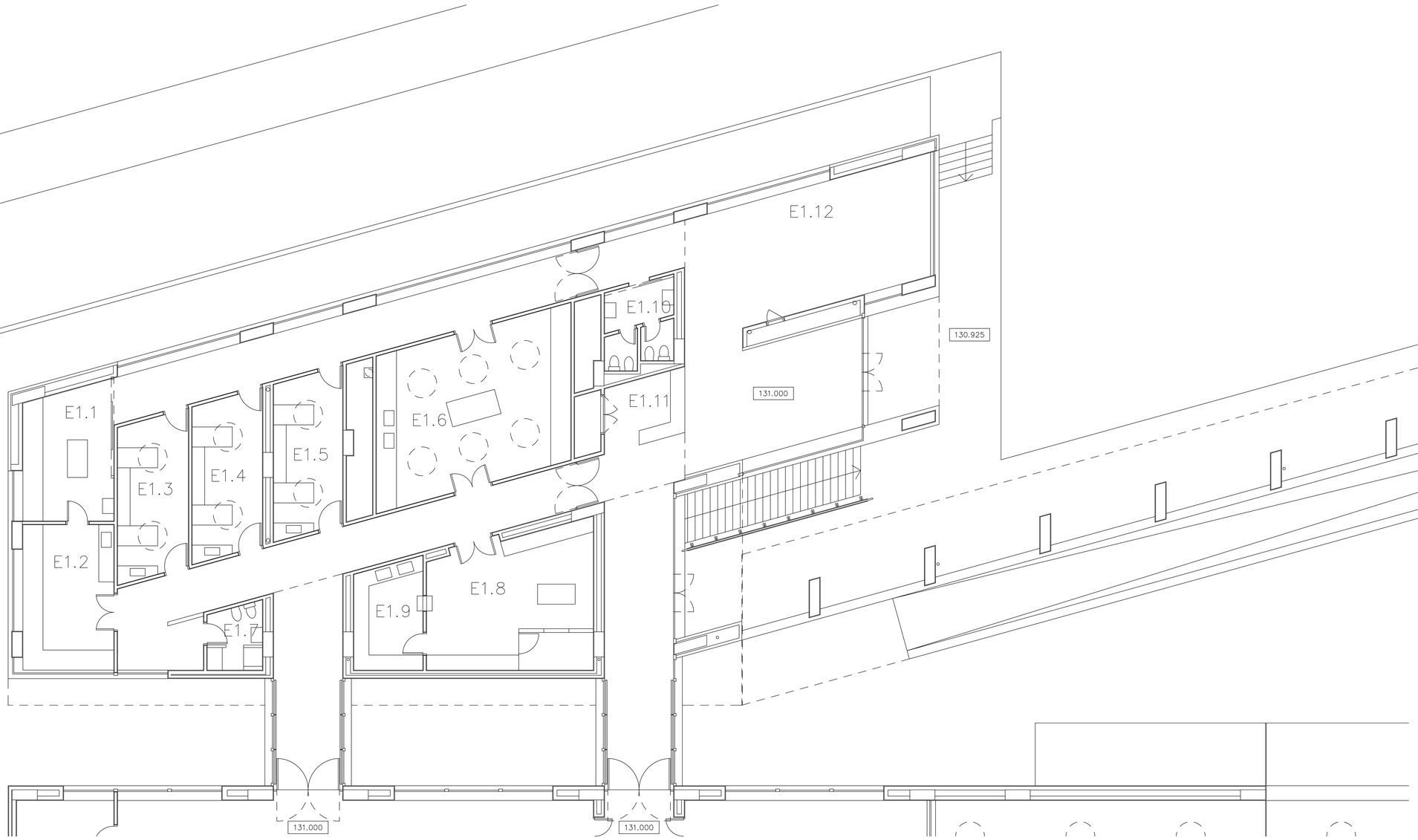

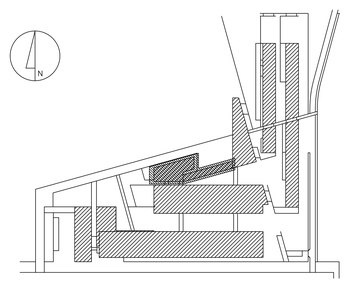

BUILDING E

DEPARTMENTAL AREAS

HOSPITAL SERVICES

– ADMINISTRATION STAFF
E1.11 – RECEPTION
E1.10 – TOILETS
E1.11 – CONSULTATION AREAS
E1.12 – CLIENT WAITING ROOM
E1.3 – CAT OBSERVATION ROOM
E1.4 A E1.6 – CONSULTATION ROOMS
E1.1/2 – DOG OBSERVATION ROOM
E1.8 – X-RAY ROOM
E1.9 – DEVELOPING ROOM
E1.7 – TOILET

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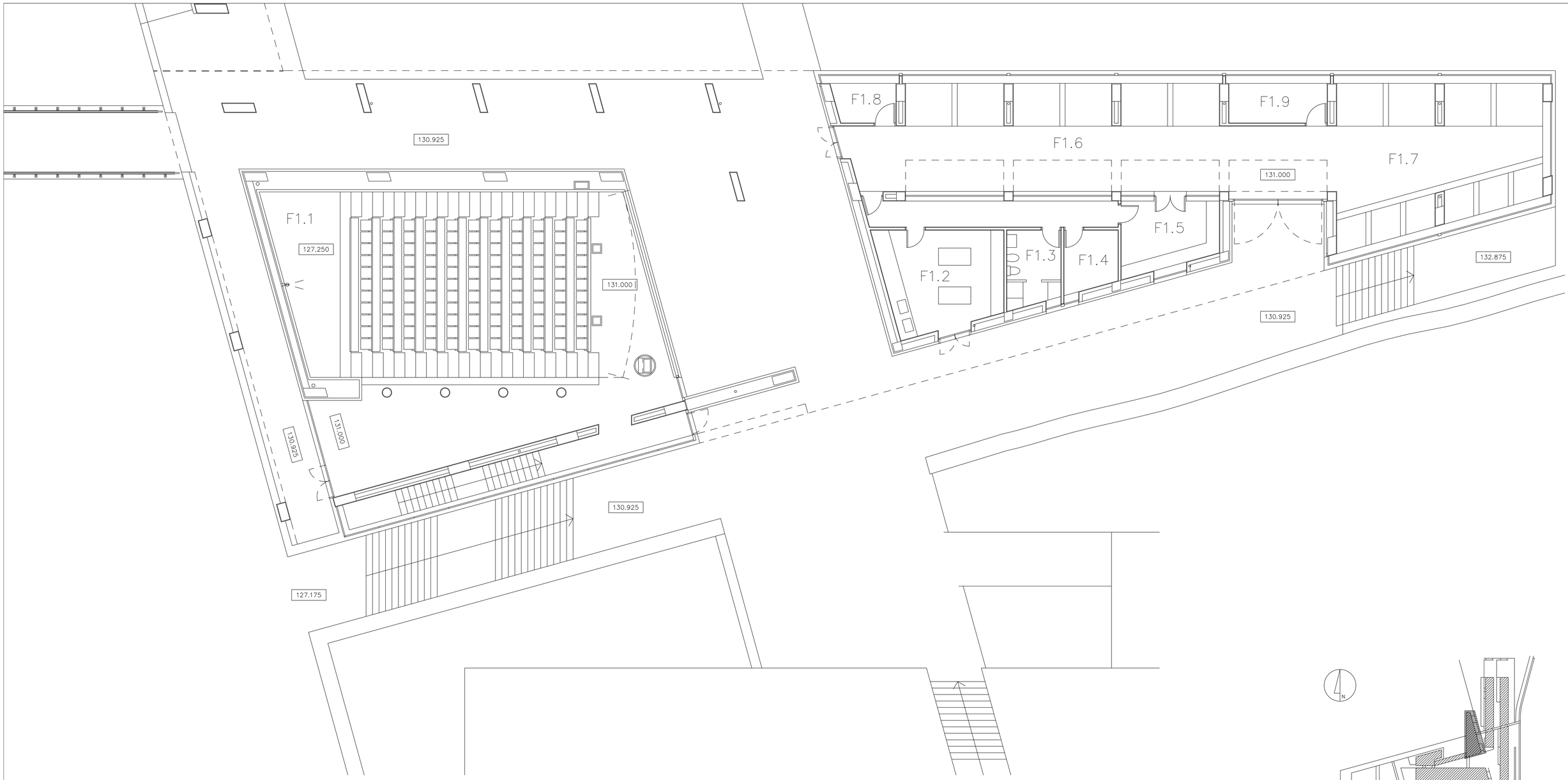

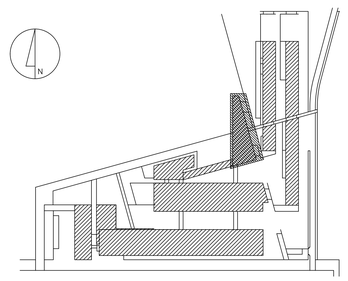

BUILDING F

GENERAL SERVICES

LECTURE THEATERS

F1.1 – LECTURE THEATRE
(CLASSES WITH ANIMALS)

DEPARTMENT AREAS

HOSPITAL SERVICES

– WARDS

F1.6 – CAT AND DOG WARDS

F1.7 – ISOLATION AREA
F1.9 – STORE
F1.8 – STORE
F1.2 – TREATMENT ROOM
F1.5 – KITCHEN
F1.4 – STORE
F1.3 – CHANGING ROOM

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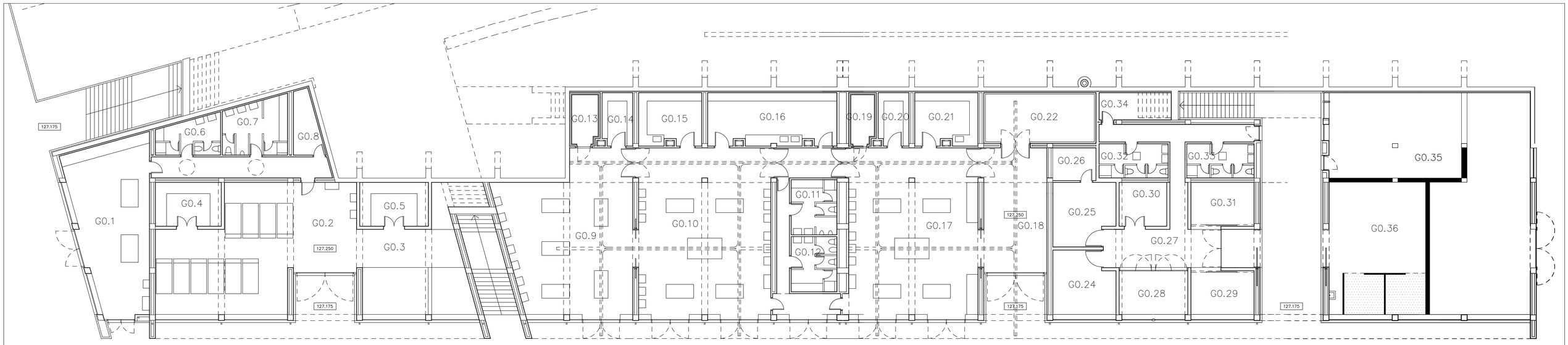


BUILDING G

GENERAL SERVICES

COMMON USE AREAS

G0.1 – LARGE ANIMAL PRATICAL TEACHING
G0.6 E G0.7 – CHANGING ROOM
G0.8 – STORE
G011/12 – CHANGING ROOM

DEPARTMENTAL AREAS

ANATOMY

G0.9/10 – DISSECTION ROOM

ANIMAL REPRODUCTION

G0.2 – GYNAECOLOGY ROOM
G0.3 – CALF WARDS
G0.5 – STORE

POST–MORTEM AREAS

G0.16 – ANATOMIC MODEL STORE
G0.14 – COLD ROOM
G0.15 – STORE

TECHNICAL AREAS

G0.4 – STORE

BUILDING G

POST–MORTEM AREAS

G0.17 – POST–MORTEM THEATER
G0.19 – COLD ROOM
G0.20 – STORE
G0.21 – BONE WORKSHOP
G0.22 – COLD STORE

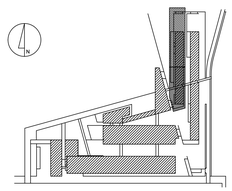
DEPARTMENTAL AREAS

INFECTIONS DISEASES

– ISOLATION UNIT
G0.32/33– CHANGING ROOM
G0.25 – PREPARATORY
G0.24 – LABORATORY
G0.28/29/31 – ISOLATION BOXES
G0.30 – ISOLATIOR ROOM

TECHNICAL AREAS

G0.27 – CORRIDOR
G0.26/34– STORE
G0.35 – SPARE SPACE
G0.36 – ISOLATION BOXES (Horses food animals)



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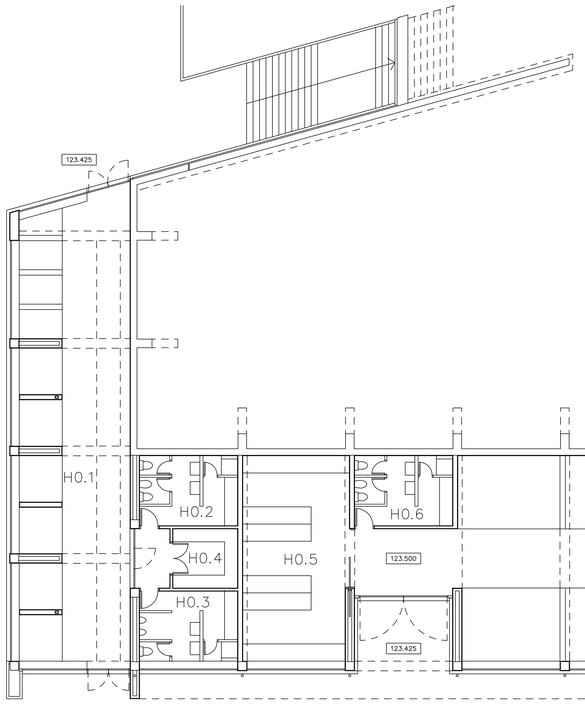

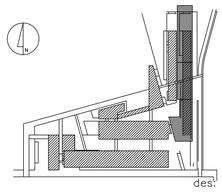

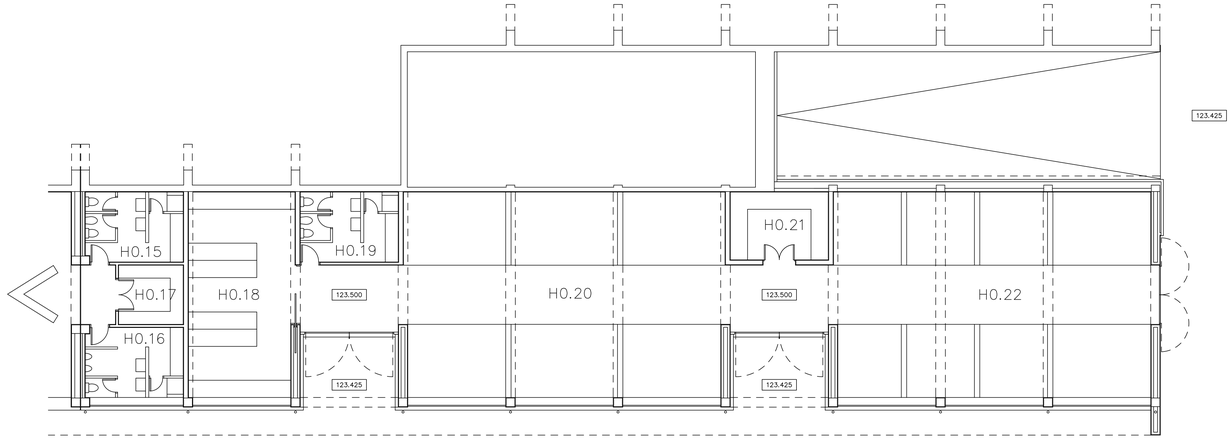

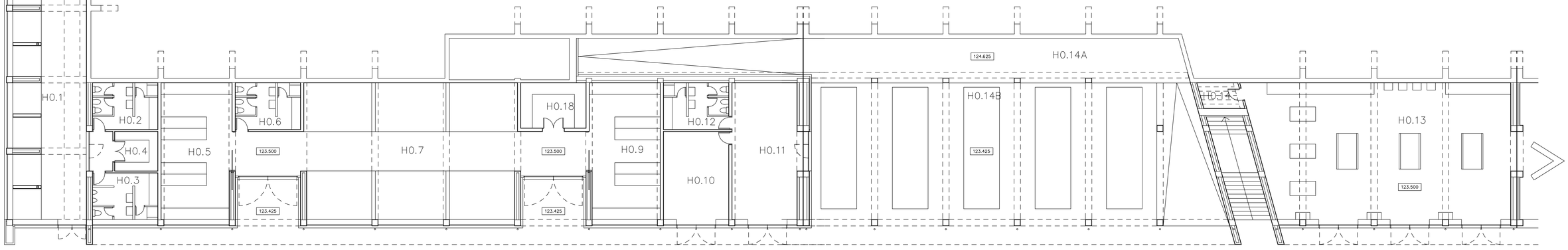

BUILDING H

GENERAL SERVICES

MAINTENANCE GROUP

H0.11 – MAINTENANCE AND EQUIPMENT WORKSHOP
H0.10 – HORSE SHOEING ROOM
H0.12 – CHANGING ROOM

GENERAL STORE

H0.5 – FEEDING STORE
H0.9 – STRAW STORE

DEPARTMENT AREAS

HOSPITAL SERVICES

H0.7 – SMALL RUMINANT/PIG BOXES
H0.8 – STORE
H0.6 – CHANGING ROOM
H0.1 – CAT AND DOGS BOXES
H0.4 – STORE
H0.2/3 – CHANGING ROOM

BUILDING H

GENERAL SERVICES

GARAGE AND CENTRAL STORE

H0.14B – COW FREE STALL

COMMON USE AREAS

H0.13 – PRACTICAL CLASSES ROOM
H0.14 – STORE

DEPARTMENTAL AREAS

HOSPITAL SERVICES

H0.14A – LARGE ANIMAL RAMP

BUILDING H

GENERAL SERVICES

GARAGE AND CENTRAL STORE

H0.18 – CENTRAL FEEDING STORE

COMMON USE AREAS

H0.17 – STORE
H0.15/16 – CHANGING ROOMS

DEPARTMENTAL AREAS

HOSPITAL SERVICES

H0.22 – EQUINE BOXES
H0.20 – BOVINE BOXES
H0.21 – STORE
H0.19 – CHANGING ROOM

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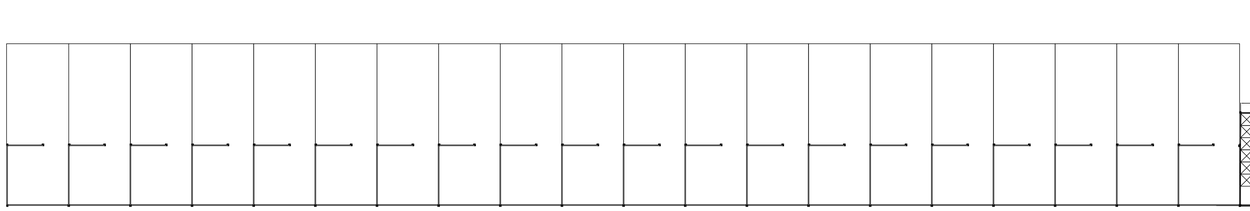

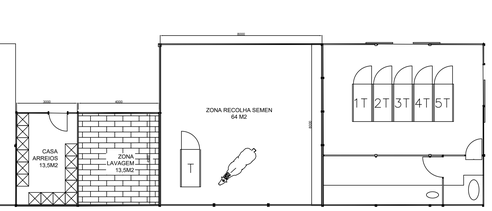

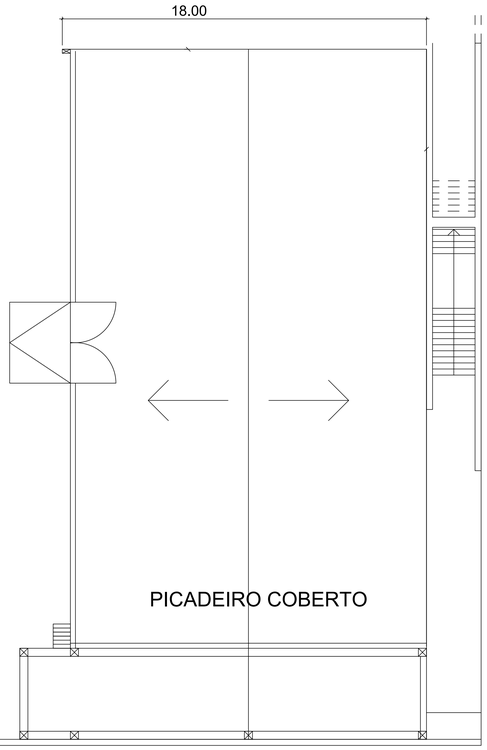

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SELF EVALUATION REPORT

EAEVE - LISBON 2017

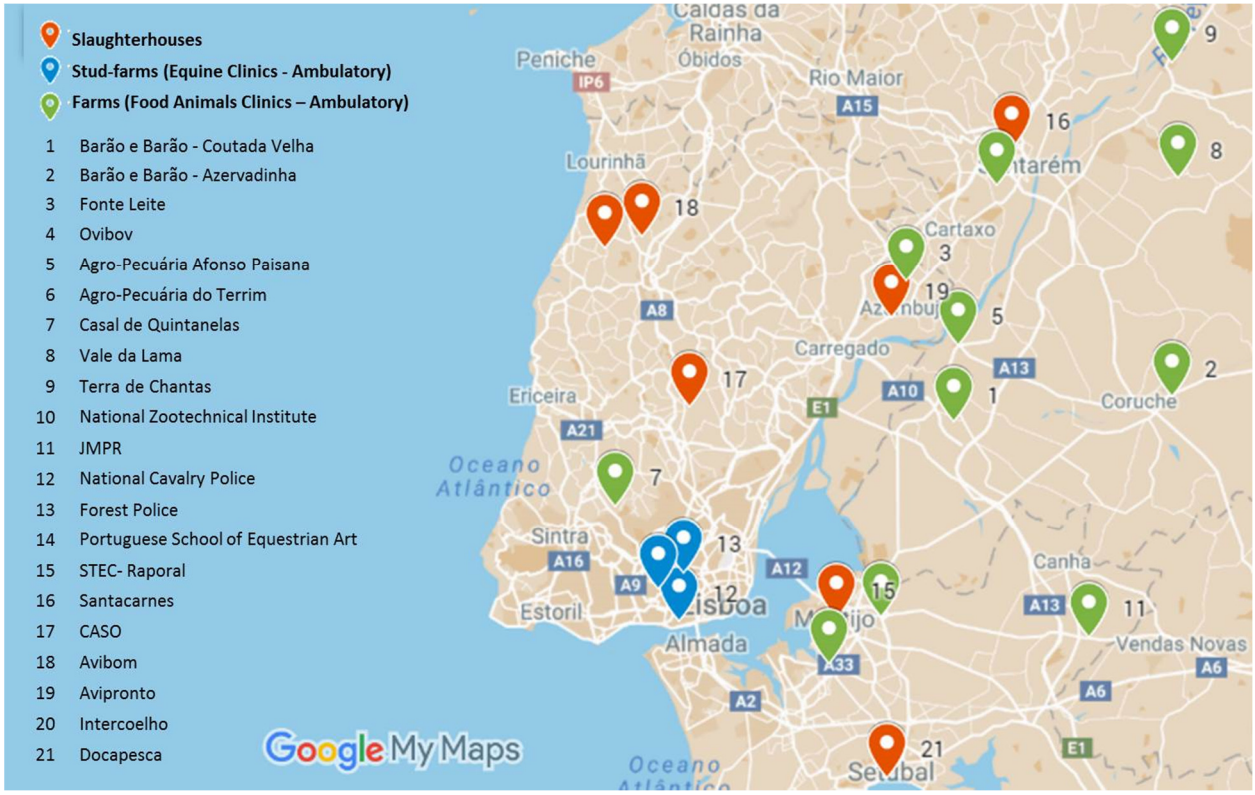
APPENDIX 3b

Maps of extra-mural facilities used in the core veterinary programme

Appendix 3b

Maps of extra-mural facilities used in the core veterinary programme

Slaughterhouses, Stud-farms and Farms used in practical training



Other farms used in practical training of Pathology and Clinics of Infectious Diseases and Herd Health

SELF EVALUATION REPORT

EAEVE - LISBON 2017

APPENDIX 4

Written assessment procedures for QA

QUALITY POLICY

Faculty of Veterinary Medicine from University of Lisbon (FVM-ULisbon) aims to be the leading organization in the field of Veterinary Sciences in Portugal. This goal is based on continuous improvement of teaching and research, innovation, cooperation and sustainability, as well as on good clinical and laboratory practices and dissemination of knowledge through a variety of educational processes.

Quality policy is implemented through the following principles:

- Development and improvement of a quality system according to the European and National University Standards and Guidelines for quality assurance;
- Professional approach in full agreement with the Ethical Codes;
- Meeting students' expectations and needs to warrantee their increasing satisfaction;
- Encouraging active stakeholders, including students, to participate in the quality assurance system;
- Increasing synergy of teaching and research activities, characterized by interdisciplinary scientific research and professional projects;
- Strengthening the active role of the Faculty in the development of economic processes and well-being of communities in which it operates;
- Permanent monitoring of quality indicators and continuous evaluation of Faculty's quality assurance and accomplishment of its strategies;
- Accountable and transparent operations and the fulfilment of entrusted tasks;
- Creating and maintaining a proactive, stable and motivating work environment;
- Providing all the necessary resources to ensure continuous improvement of all employees activities;
- Commitment to meet the requirements of the quality system, aiming to obtain a continuous improvement of quality at all levels.

All staff working at FVM-ULisbon is responsible for the implementation of this quality policy. The Faculty's quality policy is regularly monitored, reviewed and improved, as needed.

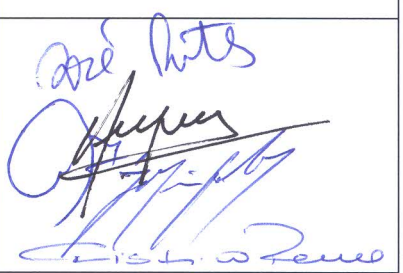
Lisbon, 20th December 2016.

Dean
Prof. Luís Manuel Morgado ~~Tavares~~
(Full Professor)

PUBLICAÇÃO DO DOCUMENTO

A Política da Qualidade da FMV-ULisboa encontra-se afixada na Instituição e disponível no sítio institucional da internet.

APROVAÇÃO DO DOCUMENTO

	Responsável	Data	Assinatura
Elaboração (CGQ)	José Prates Maria João Fraqueza Mafalda Lourenço João MIngachos Cristina Pereira	15-12-2016	
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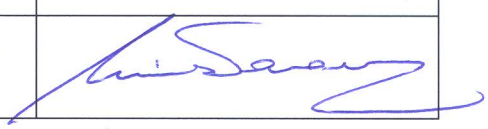
Aprovação (Presidente FMV)	Luís Tavares	20-12-2016	

HISTÓRICO DO DOCUMENTO

Data da revisão	Alteração	Elaborado por	Aprovado por
20-12-2016	Criação do documento	CGQ	Presidente da FMV

POLÍTICA DA QUALIDADE

A Faculdade de Medicina Veterinária da Universidade de Lisboa (FMV-ULisboa) pretende ser a organização líder no campo das Ciências Veterinárias em Portugal. Este objetivo baseia-se na melhoria contínua do ensino e da investigação, na inovação, na cooperação e na sustentabilidade, bem como nas boas práticas clínicas e laboratoriais e na divulgação do conhecimento através de uma variedade de processos educativos.

A política de qualidade é implementada através dos seguintes princípios:

- Desenvolvimento e melhoria de um sistema de qualidade de acordo com as normas e diretrizes europeias e nacionais para a garantia da qualidade;
- Abordagem profissional de acordo com os padrões dos Códigos de Ética;
- Atender às expectativas e às necessidades dos estudantes para garantir a sua crescente satisfação;
- Encorajar todas as partes interessadas, incluindo os estudantes, a participarem no sistema de garantia da qualidade;
- Sinergia crescente entre as atividades de ensino e de investigação, caracterizadas pela investigação científica interdisciplinar e projetos profissionais;
- Fortalecer o papel ativo da Faculdade no desenvolvimento dos processos económicos e do bem-estar da comunidade em que atua;
- Acompanhamento e monitorização permanente dos indicadores de qualidade e avaliação contínua da garantia de qualidade da Faculdade e da execução da sua estratégia;
- Garantir que todas as operações são realizadas de modo responsável e transparente e que se obtém o pleno cumprimento das tarefas confiadas;
- Criar e manter um ambiente de trabalho proactivo, estável e motivador;
- Fornecer todos os recursos necessários para assegurar a melhoria contínua de todas as atividades dos funcionários e colaboradores;
- Assumir o compromisso de satisfazer os requisitos do sistema de garantia de qualidade, visando obter uma melhoria contínua da qualidade dos procedimentos a todos os níveis.

Todo o pessoal da FMV-ULisboa é responsável pela implementação desta política de qualidade. A política de qualidade da Faculdade é monitorizada regularmente, e revista e melhorada sempre que tal se mostre necessário.

Lisboa, 20 de dezembro de 2016.

O Presidente
Luís Manuel Morgado Tavares
(Professor Catedrático)

PUBLICAÇÃO DO DOCUMENTO

A Política da Qualidade da FMV-ULisboa encontra-se afixada na Instituição e disponível no sítio institucional da internet.

APROVAÇÃO DO DOCUMENTO

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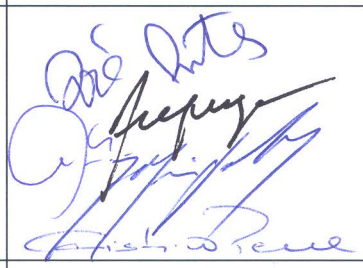
Elaboração (CGQ)	José Prates Maria João Fraqueza Mafalda Lourenço João MIngachos Cristina Pereira	15-12-2016	
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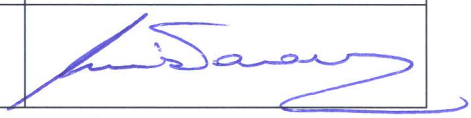
Aprovação (Presidente FMV)	Luís Tavares	20-12-2016	

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20-12-2016	Criação do documento	CGQ	Presidente da FMV

SISTEMA INTEGRADO DE GARANTIA DA QUALIDADE

MANUAL DA QUALIDADE, VERSÃO 1.0 PT

Código: MQ-02

Data: 20/12/2016

1 OBJETIVO

O Manual da Qualidade da Faculdade de Medicina Veterinária (FMV) da Universidade de Lisboa (ULisboa) tem como objetivo descrever o seu Sistema Integrado de Garantia da Qualidade (SIGQ). Deste modo, o documento descreve a organização, as responsabilidades, os processos, bem como os princípios orientadores utilizados na implementação do SIGQ.

O Manual da Qualidade é um documento operacional para os procedimentos da FMV-ULisboa na área da Qualidade, sendo uma referência fundamental para a definição das políticas de garantia da qualidade, bem como para a caracterização dos processos, indicadores e agentes responsáveis pela execução das atividades motoras da melhoria contínua da FMV-ULisboa.

2 ÂMBITO E ENQUADRAMENTO LEGAL

Tendo em vista a melhoria contínua e o aprofundamento da sua política da qualidade, a FMV-ULisboa desenvolveu e aplicou um modelo de qualidade adaptado às características da Instituição, alinhado com as orientações da tutela, com a legislação em vigor e com os referenciais de qualidade Europeus, designado por Sistema Integrado de Garantia da Qualidade (SIGQ). O SIGQ baseia-se na experiência acumulada de concretização de práticas de avaliação da qualidade presentes em todos os processos da escola.

O SIGQ da FMV-ULisboa enquadra-se nas principais normas e recomendações para o sistema de garantia da qualidade no Ensino Superior, concretamente:

- Standards and Guidelines for Quality Assurance in the European Higher Education Area, 2015 (European Association for Quality Assurance in Higher Education);
- Manual of Standard Operating Procedures of European System of Evaluation of Veterinary Training, maio de 2016 (European Association of Establishements for Veterinarian Education / Federation of Veterinarians of Europe);
- Regime Jurídico da Avaliação da Qualidade do Ensino Superior (Lei nº 38/2007, de 16 de agosto);
- Manual para o Processo de Auditoria dos Sistemas Internos da Garantia da Qualidade nas Instituições de Ensino Superior, outubro de 2016 (Agência de Avaliação e Acreditação do Ensino Superior);
- Regulamento do Sistema Integrado de Garantia da Qualidade da ULisboa (Despacho n.º 15622/2015, de 29 de dezembro).

A FMV-ULisboa assume os seus documentos de gestão (Objetivos Estratégicos da FMV-Lisboa, Manual da Qualidade, Plano da Qualidade, Plano de Atividades, Relatório de Atividades e Relatório da Qualidade) como orientadores da sua estratégia para a qualidade.

3 RESPONSABILIDADE

O Manual da Qualidade é elaborado e gerido pelo Conselho de Garantia da Qualidade (CGQ) da FMV-ULisboa, sendo aprovado pelo Presidente da FMV. O documento deve ser revisto pelo CGQ de forma a que se mantenha permanentemente atualizado.

4 APRESENTAÇÃO DA FMV

4.1 Caracterização

A FMV-ULisboa promove o ensino das Ciências Veterinárias em Portugal desde 1830. É avaliada e está aprovada internacionalmente pelo European Committee on Veterinary Education, que reúne a Associação Europeia de Estabelecimentos de Ensino Veterinário e a Federação de Veterinários da Europa. O seu corpo docente, constituído quase exclusivamente por doutorados, os seus investigadores e restantes trabalhadores conjugam diariamente esforços para permitir a consecução dos objetivos da FMV-ULisboa, nas vertentes ensino, investigação e interface com a comunidade.

Na componente de Investigação, a FMV-ULisboa conta com o Centro de Investigação Interdisciplinar em Sanidade Animal (CIISA) que abrange as quatro grandes áreas de investigação em Ciências Veterinárias: Sanidade e Prevenção; Medicina e Patologia; Segurança Alimentar; e Biotecnologia e Produção Animal, estimulando e financiando dezenas de linhas de investigação em estreita colaboração com mais de 100 instituições a nível nacional e internacional. A investigação levada a cabo no CIISA contribui para o desenvolvimento de novas estratégias de diagnóstico e terapêutica, de produtos de biotecnologia inovadores e ainda para a melhoria da qualidade de vida dos animais e dos consumidores.

Na componente de Extensão e Prestação de Serviços à comunidade, há que salientar que a FMV-ULisboa conta com um Hospital Escolar, onde presta serviços clínicos de alto nível, constituindo uma unidade de referência a que a sociedade em geral e colegas Médicos Veterinários recorrem para resolução de problemas de maior complexidade. Fornece cuidados médicos e cirúrgicos de excelência aos animais que acorrem ao seu serviço. Este Hospital abrange as áreas de clínica e cirurgia de animais de companhia e de animais de produção, serviços farmacêuticos e um Centro de Diagnóstico, que compreende uma diversidade de Laboratórios de Análises e ainda um Banco de Sangue. Os docentes e investigadores da FMV-ULisboa participam ainda em inúmeras iniciativas no exterior apoiando a comunidade nas mais diversas áreas da intervenção veterinária.

4.2 Missão

A FMV-ULisboa tem por missão a criação, transmissão e difusão da cultura, da ciência e da tecnologia na área das Ciências Veterinárias, através do desenvolvimento de atividades de educação, investigação e prestação de serviços de excelência, em benefício da sociedade.

4.3 Visão

A Visão da Faculdade de Medicina Veterinária é ser um local internacionalmente reconhecido de excelência em educação e investigação veterinária, permanentemente adaptadas às necessidades da sociedade, contribuindo para o avanço das fronteiras do conhecimento.

5 ORGANIZAÇÃO DA FMV

A FMV-ULisboa é uma pessoa coletiva de direito público, integrada na ULisboa, e dotada de autonomia estatutária, científica, cultural, pedagógica, administrativa, financeira e patrimonial (Estatutos da Faculdade de Medicina Veterinária, Despacho nº 14440-A/2013, de 7 de novembro).

Para dar cumprimento à sua missão, a FMV conta com os seguintes órgãos da escola: o Presidente, o Conselho de Gestão, o Conselho Cientifico, o Conselho Pedagógico e o Conselho de Escola, sendo este último um órgão de decisão estratégica e de fiscalização do cumprimento da lei, dos Estatutos e, em particular, da missão da FMV. São ainda órgãos estatutários da FMV, com competência consultiva, o Conselho Consultivo e o Conselho de Coordenação.

Na sua composição orgânica, a FMV-ULisboa compreende ainda Departamentos e uma Unidade de Investigação (CIISA). Os Departamentos são unidades de ensino e investigação correspondentes a grandes áreas do conhecimento, dotadas do poder de definição de fins e de estruturação interna, de acordo com os princípios da identidade, da subsidiariedade e da complementaridade. Atualmente, os Departamentos da FMV são os seguintes: 1. Morfologia e função; 2. Clínica; 3. Sanidade animal; e 4. Produção animal e segurança alimentar.

A investigação na FMV-ULisboa é feita no Centro de Investigação em Sanidade Animal (CIISA) e está enquadrada em grandes áreas de competência associadas a desafios com um forte impacto na sociedade. Estas áreas são fortemente interdisciplinares e transversais a vários domínios das Ciências Veterinárias, a saber: 1. Sanidade animal e medicina veterinária, com duas linhas temáticas (1a. Disease surveillance, prevention and control towards sustainable animal health; 1b. Clinical research towards novel diagnostic and therapeutic strategies); e 2. Ciência animal e segurança alimentar, também com duas linhas temáticas

(2a. A sustainable animal production for the 21st century; 2b. New challenges in advanced food processing, quality and safety).

O Hospital Escolar desempenha um papel muito importante na extensão universitária e ligação à sociedade da FMV-ULisboa. Este Hospital desempenha a sua atividade nas seguintes áreas: 1. Clínica dos animais de companhia; 2. Clínica de espécies pecuárias e de equídeos; 3. Centro de diagnóstico; e 4. Serviços farmacêuticos de apoio ao hospital.

Prestando apoio às atividades de ensino e investigação estão ainda vários Serviços, organizados sob a dependência hierárquica dos membros docentes propostos pelo Presidente para o Conselho de Gestão e ainda um Diretor Executivo, que partilha a responsabilidade por alguns serviços, como sejam, os relativos à gestão administrativa e financeira, assuntos de pessoal e gestão de instalações e equipamentos. Existem ainda como órgãos não Estatutários da FMV, o Conselho Coordenador de Avaliação dos Docentes, o Conselho de Coordenação de Avaliação SIADAP e o Conselho para a Garantia da Qualidade da FMV-ULisboa.

A Figura 1 apresenta o organograma geral da organização da FMV-ULisboa, conforme acima descrito.

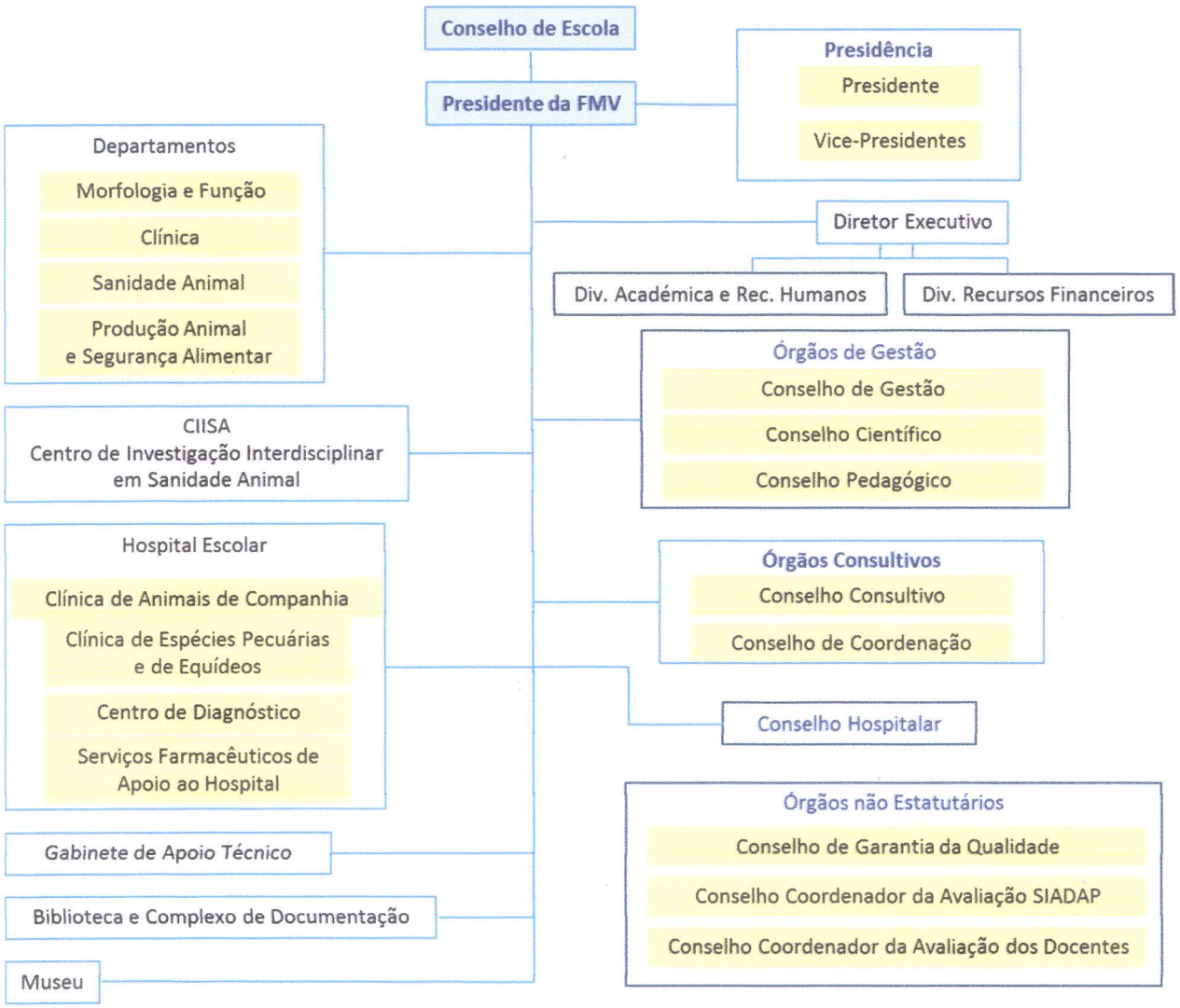


Figura 1. Organograma geral da FMV-ULisboa.

6 POLÍTICA DA QUALIDADE

A FMV-ULisboa orienta-se por uma política de qualidade, transparência e rigor, no âmbito da autonomia que se consagra nos seus Estatutos. Outros valores inerentes ao funcionamento institucional incluem a inovação, a cooperação e a sustentabilidade.

A FMV-ULisboa assume, como estratégia para a qualidade, o desenho de um programa de desenvolvimento institucional assente em metas de referência formalmente estabelecidas nos seus documentos de gestão estratégica (Objetivos Estratégicos, Plano de Atividades, Manual da Qualidade e Plano da Qualidade), que especificam as ações a executar, metodologias a seguir, objetivos, elementos de monitorização, calendarização e definição de responsabilidades e competências dos diferentes órgãos, serviços e agentes envolvidos.

A política de garantia da qualidade procura ainda promover um estímulo transversal à participação ativa de todas as partes interessadas nos processos de melhoria contínua da

Instituição, com o objetivo de tornar a avaliação dos serviços como um procedimento comum em todas as esferas de atividade em que a FMV esteja envolvida.

A política de garantia da qualidade privilegia a cooperação com a sociedade e a participação dos parceiros internos e externos mais relevantes nos processos de planeamento estratégico, sendo de destacar a participação na composição de órgãos de governo e órgãos consultivos da FMV-ULisboa e a sua auscultação regular através de variados mecanismos (Tabela 1).

Tabela 1. Cooperação com os parceiros internos e externos, bem como com a sociedade.

Parceiro	Participação em órgãos envolvidos no SIGQ	Participação nos processos da qualidade	Forma de auscultação
Docentes	CGQ-FMV, Órgãos de gestão	Processos nucleares, Processo de gestão	Avaliação externa, Avaliação pedagógica
Estudantes	CGQ-FMV, Conselho de escola, Conselho pedagógico	Ensino	Avaliação dos processos de ensino, Avaliação dos espaços
Não docentes	CGQ-FMV, Conselho de escola, Assembleia de escola	Processos de suporte	Avaliação externa, Auditorias
Clientes de serviços	-	Processos de suporte, Ligação à sociedade	Avaliação de serviços
Empregadores	-	Ensino, Ligação à sociedade	Avaliação da qualidade dos diplomados
Entidades externas	Conselho de escola, Conselho consultivo	Todos os processos	Avaliação, Acreditação e Auditoria aos processos

7 SISTEMA INTEGRADO DE GESTÃO DA QUALIDADE

O Sistema Integrado de Garantia da Qualidade (SIGQ) baseia-se em duas componentes fundamentais do processo de avaliação institucional: 1. avaliação interna (autoavaliação); 2. avaliação externa (por entidades externas à FMV).

Assente em processos de melhoria contínua da qualidade, o SIGQ preconiza uma revisão cíclica dos resultados, não apenas ao nível do processo de ensino/aprendizagem, mas também ao nível da instituição como um todo, numa aferição global do cumprimento da sua missão e objetivos. No entanto, o SIGQ foca-se particularmente na estratégia e mecanismos para a avaliação e melhoria do ensino. Neste sentido, o sistema de garantia da Qualidade das Unidades Curriculares da FMV constitui uma peça central do SIGQ, tendo como objetivo

fundamental acompanhar o funcionamento de cada Unidade Curricular e promover a melhoria contínua do processo de ensino, aprendizagem e avaliação.

7.1 Estrutura organizativa

O SIGQ da FMV visa implementar uma política para a qualidade, sendo parte integrante do SIGQ da ULisboa. A sua organização e principais instrumentos com vista à melhoria contínua da qualidade é definida em Regulamento próprio. A coordenação e gestão do SIGQ compete ao Conselho para a Gestão da Qualidade (CGQ) da FMV. O CGQ-FMV tem como missão a promoção da avaliação da qualidade e a coordenação e gestão do SIGQ da FMV.

Compete ao CQG-FMV, no quadro do sistema nacional de acreditação e avaliação, nos termos da lei e no respeito pelas orientações emanadas pelos órgãos da FMV, propor procedimentos relativos à avaliação da qualidade a prosseguir pela FMV. Neste sentido, deverá orientar a sua atividade nas seguintes vertentes: 1. Promover a qualidade das atividades de ensino, investigação e extensão universitária; 2. Promover o desenvolvimento de uma cultura institucional integrada de garantia da qualidade; 3. Coordenar os processos de gestão e avaliação da qualidade desenvolvidos pelos serviços; 4. Acompanhar a execução de avaliação das atividades de investigação e ensino, bem como dos processos de avaliação interna e externa; 5. Prestar informação aos órgãos da FMV, nomeadamente ao Conselho de Escola da FMV, sobre as atividades desenvolvidas ao nível do SIGQ; 6. Analisar o funcionamento do SIGQ, elaborar relatórios de apreciação e pronunciar-se sobre propostas de medidas de correção que considere adequadas ao bom desempenho e imagem da Instituição; 7. Elaborar o Manual e o Plano da Qualidade da FMV e propor a sua aprovação pelos órgãos competentes; 8. Propor à aprovação dos órgãos competentes a criação de estruturas institucionais de apoio à concretização da política de garantia da qualidade, nomeadamente as estruturas eventualmente necessárias à execução da avaliação das atividades de investigação e ensino; 9. Emitir recomendações; 10. Publicitar interna e externamente as ações e documentos relativos ao SIGQ-FMV; 11. Propor a revisão do presente Regulamento; 12. Aprovar o seu Regimento.

7.2 Estrutura documental

O SIGQ da FMV-ULisboa foi concebido de acordo com a estrutura documental representada na Figura 2, através da qual são estabelecidas e comunicadas todas as metodologias relacionadas com o desenvolvimento dos processos identificados.

No topo da estrutura documental encontra-se, para além de toda a legislação corrente aplicável, todos os documentos considerados estratégicos, nomeadamente os Objetivos Estratégicos da FMV-Lisboa e o Plano da Qualidade.

As informações produzidas, recebidas e acumuladas pelos órgãos e serviços, no exercício de suas funções e atividades, são registadas em diversos documentos, instrumentos essenciais para a tomada de decisões, aumento de eficiência e para o registo da memória coletiva.

O documento MQ-01 – Gestão de Documentos descreve em pormenor os procedimentos relativos à elaboração, codificação, aprovação, distribuição, implementação, controlo e arquivo dos documentos do SIGQ da FMV-ULisboa.

Figura 2. Esquema da estrutura documental do SIGQ da FMV-ULisboa.

8 PROCESSOS

A FMV-ULisboa, à semelhança da ULisboa, adota a abordagem por processos, identificando e gerindo os mesmos, bem como a sequência e interação entre estes promovendo, deste modo, uma maior transparência nas atividades realizadas, uma melhor comunicação e interação entre as diferentes unidades funcionais, uniformizando assim os objetivos a atingir.

Os indicadores e as metas destes processos, que fazem parte integrante do Plano da Qualidade da FMV-ULisboa, devem garantir estabilidade temporal para a caracterização da atuação da escola, medindo o seu desempenho nos processos definidos e contribuindo, deste modo, para as tomadas de decisão estratégicas e a avaliação da concretização dos objetivos da FMV.

o CGQ-FMV deve emitir um relatório anual de avaliação (Relatório da Qualidade), identificando as dificuldades encontradas e propondo as adaptações necessárias para um maior ajustamento dos procedimentos.

Tabela 2. Lista de processos do SIGQ da FMV-ULisboa.

	PROCESSO	RESPONSÁVEL
1.	PQ-02 - Formação Graduada e de Pós-Graduação	Conselho Científico
2.	PQ-03 - Investigação e Desenvolvimento	Conselho Científico
3.	PQ-04 - Extensão Universitária e Ligação à Sociedade	Presidente da FMV
4.	PQ-05 - Internacionalização	Presidente da FMV
5.	PQ-06 - Recursos Humanos, Materiais e Financeiros	Presidente da FMV

9 DIVULGAÇÃO DOS RESULTADOS DA AVALIAÇÃO

As orientações Europeias para a garantia da qualidade no Ensino Superior colocam grande ênfase na publicação regular de informação, quantitativa e qualitativa, atualizada, de forma imparcial e objetiva, acerca do funcionamento institucional, nomeadamente quanto aos programas e graus de ensino, bem como ao nível de satisfação dos estudantes.

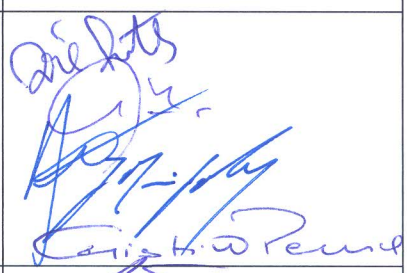
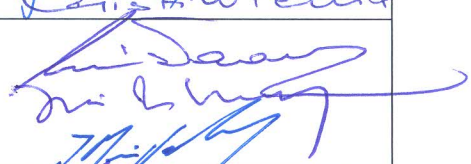
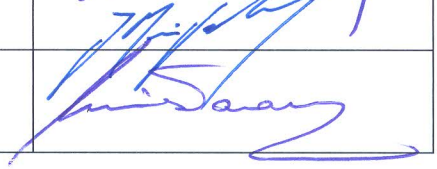
Consciente do papel pedagógico e facilitador do processo de melhoria da qualidade, a FMV-ULisboa procura assegurar uma ampla divulgação dos resultados da avaliação das suas atividades junto da comunidade académica.

A FMV-ULisboa deverá manter a informação atualizada no sítio institucional da Internet, sendo também fornecida informação sobre o SIGQ, nomeadamente quanto aos respetivos objetivos e procedimentos, identificando indicadores, criando referenciais de exigência, instrumentos de recolha de dados, codificando informação e estabelecendo critérios de interpretação e de divulgação de resultados, viabilizando assim a análise da informação de forma consistente.

10 PUBLICAÇÃO DO DOCUMENTO

O Manual da Qualidade da FMV-ULisboa encontra-se disponível no sítio institucional da internet.

11 APROVAÇÃO DO DOCUMENTO

	Responsável	Data	Assinatura
Elaboração (CGQ)	José Prates Maria João Fraqueza Mafalda Lourenço João MIngachos Cristina Pereira	15-12-2016	
Verificação (CG)	Luís Tavares José Pedro Lemos João Mingachos	16-12-2016	
Aprovação (Presidente FMV)	Luís Tavares	20-12-2016	

12 HISTÓRICO DO DOCUMENTO

Data da revisão	Alteração	Elaborado por	Aprovado por
20-12-2016	Criação do documento	CGQ	Presidente da FMV

REGULAMENTO DO SISTEMA INTEGRADO DE GARANTIA DA QUALIDADE DA FACULDADE DE MEDICINA VETERINÁRIA

PREÂMBULO

1. A criação de sistemas integrados de garantia da qualidade nas Instituições de Ensino Superior resulta de recomendações internacionais, nomeadamente:

i. Standards and Guidelines for Quality Assurance in the European Higher Education Area, constantes do relatório, de 2015, preparado pela European Association for Quality Assurance in Higher Education (ENQA) a pedido dos Ministros signatários da Declaração de Bolonha;

ii. Relatório, preparado pela ENQA, a pedido do Governo Português, sobre a garantia da qualidade do ensino superior em Portugal, de 2006, que procedeu à avaliação das práticas neste domínio levadas a cabo no âmbito do Conselho Nacional de Avaliação do Ensino Superior e formulou recomendações ao Governo sobre a organização, método e processos de um novo sistema de acreditação, conforme aos European Standards and Guidelines;

iii. Relatório de avaliação do sistema de Ensino Superior Português, de 2006, preparado pela OCDE a pedido do Governo Português;

iv. Principles and Process of Evaluation e do Standard Operating Procedures da Associação *Europeia de Estabelecimentos de Ensino Veterinário* (AEEEV-EAEVE) e da Federação dos Veterinários da Europa (FVE), revistos em maio de 2016 em Uppsala, que regulamentam a avaliação dos Estabelecimentos de Ensino Veterinário Europeus através do European Committee on Veterinary Education (ECOVE).

2. Os três primeiros documentos estiveram na base da aprovação do Regime Jurídico da Avaliação da Qualidade do Ensino Superior, Lei n.º 38/2007 de 16 de agosto, e da criação da Agência de Avaliação e Acreditação do Ensino Superior (A3ES), criada pelo Decreto-Lei n.º 369/2007 de 5 de novembro. O último documento está na base do sistema de avaliação do ensino veterinário na Europa, com vista à sua aprovação, com base no cumprimento com o estabelecido na Diretiva 2005/36, e à sua acreditação pelo ECOVE, quando estão patentes os padrões de qualidade académica e de formação adequados. O sistema de avaliação e garantia da qualidade no ensino superior baseia-se na existência, ao nível das instituições de ensino superior e das suas unidades orgânicas, de sistemas internos de garantia da qualidade, devendo para tal os estabelecimentos de ensino:

i. Adotar, em função da respetiva missão, uma política de garantia da qualidade dos seus ciclos de estudos, bem como os procedimentos adequados à sua prossecução;

ii. Desenvolver medidas concretas para a implementação de uma cultura de garantia da qualidade em todos os domínios da sua atividade;

iii. Implementar as estratégias necessárias para a melhoria contínua da qualidade.

3. É neste contexto que, ao abrigo do artigo 7º do Regulamento do Sistema Integrado de Gestão da Qualidade da ULisboa (SIGQ-ULisboa), publicado pelo despacho nº 15622/2015, Diário da República 2ª série nº 253 de 29 de dezembro de 2015, o Conselho de Escola da Faculdade de Medicina Veterinária (FMV) aprova o Regulamento do Sistema Integrado da Garantia da Qualidade da Faculdade de Medicina Veterinária, por proposta do Presidente da FMV e após pareceres favoráveis do Conselho de Gestão, do Conselho Científico e do Conselho Pedagógico.

CAPÍTULO I
DISPOSIÇÕES GERAIS

Artigo 1.º
Objeto e âmbito

1. O presente Regulamento tem como objeto o estabelecimento das bases de organização do Sistema Integrado da Garantia da Qualidade da Faculdade de Medicina Veterinária, adiante designado por SIGQ-FMV, definindo a sua organização e principais instrumentos, nos termos e para os efeitos previstos no artigo 7.º do Regulamento do SSIGQ-ULisboa.

2. O SIGQ-FMV deverá garantir a melhoria contínua da qualidade da FMV, avaliando o grau de cumprimento da sua missão através de critérios e indicadores de desempenho relacionados com a respetiva atuação e com os resultados dela decorrentes.

3. O SIGQ-FMV deverá ainda integrar os procedimentos de avaliação das atividades de investigação e ensino estipulados nos artigos 3º, 23º, 27º e 43º dos Estatutos da FMV.

Artigo 2.º
Coordenação

A coordenação e gestão do SIGQ-FMV cabe ao Conselho de Garantia da Qualidade da FMV.

Artigo 3.º
Instrumentos

São instrumentos fundamentais do SIGQ –FMV os seguintes:

a) Plano Estratégico da FMV;

b) Manual da Qualidade da FMV;

c) Plano da Qualidade da FMV;

d) Manuais de Procedimentos;

e) Plano de Atividades;

f) Relatório de Atividades.

CAPÍTULO II
DO CONSELHO DE GARANTIA DA QUALIDADE DA FACULDADE DE MEDICINA VETERINÁRIA

Artigo 4.º
Funções

O Conselho de Garantia da Qualidade da Faculdade de Medicina Veterinária (CGQ-FMV) tem como missão a promoção da avaliação da qualidade e a coordenação e gestão do SIGQ-FMV.

Artigo 5.º
Composição

1. Integram o CGQ-FMV:

a) O Presidente da FMV ou o membro do Conselho de Gestão em quem este delegar essa competência;

b) O Presidente do Conselho Científico ou o membro deste Conselho em quem este delegar essa competência;

c) O Presidente do Conselho Pedagógico ou o membro docente deste Conselho em quem este delegar essa competência;

d) O Presidente do Conselho do Departamento de Clínica ou o membro docente desse Conselho em quem este delegar esta competência;

e) Um a três professores ou investigadores da FMV nomeados pelo Presidente da FMV;

f) O Diretor Executivo da FMV;

g) O Presidente da Associação de Estudantes da FMV (AEFMV) ou o estudante da Direção da AEFMV a quem este delegar essa competência.

2. O CGQ-FMV é presidido pelo Presidente da FMV ou pelo membro do Conselho de Gestão em quem este delegar essa competência.

3. Poderão ser convidados a participar nas reuniões do CGQ-FMV elementos externos a este Conselho, sempre que os assuntos a tratar o justifiquem.

4. Os membros do CGQ-FMV são nomeados por despacho do Presidente da FMV.

Artigo 6.º

Competências

1. Compete ao CGQ-FMV, no quadro do sistema nacional de acreditação e avaliação, nos termos da lei e no respeito pelas orientações emanadas dos órgãos competentes da FMV, propor os procedimentos relativos à avaliação da qualidade a prosseguir pela FMV, nomeadamente:

a) Promover a qualidade das atividades de ensino, investigação, extensão universitária e gestão;
b) Promover o desenvolvimento de uma cultura institucional integrada de garantia da qualidade;
c) Coordenar os processos de gestão e avaliação da qualidade desenvolvidos ao nível dos serviços;
d) Acompanhar a execução de avaliação das atividades de investigação e ensino, nos temos dos artigos 3º, 23º, 27º e 43º dos Estatutos da FMV, bem como dos processos de avaliação interna e externa;
e) Prestar informação aos órgãos da FMV, nomeadamente ao Conselho de Escola da FMV, sobre as atividades desenvolvidas ao nível do SIGQ-FMV;
f) Analisar o funcionamento do SIGQ-FMV, elaborar relatórios de apreciação e pronunciar-se sobre propostas de medidas de correção que considere adequadas ao bom desempenho e imagem da Instituição;
g) Elaborar o Manual da Qualidade e o Plano da Qualidade da FMV e propor a sua aprovação pelos órgãos competentes;
h) Propor à aprovação dos órgãos competentes a criação de estruturas institucionais de apoio à concretização da política de garantia da qualidade, nomeadamente as estruturas eventualmente necessárias à execução da avaliação das atividades de investigação e ensino;
i) Emitir recomendações relativas à garantia da qualidade;
j) Publicar as ações e documentos relativos ao SIGQ-FMV;
k) Propor a revisão do presente Regulamento;
l) Aprovar o seu Regimento.

2. Em todas as matérias da sua competência, o CGQ-FMV pode solicitar pareceres ou colaboração a outros órgãos da instituição.

Artigo 7.º

Funcionamento

1. O CGQ-FMV reúne por convocatória do seu presidente.

2. Em caso de empate numa votação, o presidente tem voto de qualidade.

3. O CGQ-FMV dispõe dos meios humanos e materiais que lhe sejam afetos pelo Conselho de Gestão da FMV.

4. O CGQ-FMV pode criar comissões especializadas definindo a sua composição e competências, podendo integrar personalidades externas ao Conselho.

CAPÍTULO III
DISPOSIÇÕES FINAIS E TRANSITÓRIAS

Artigo 8.º
Interpretação, dúvidas e omissões

Compete ao CGQ-FMV interpretar as dúvidas e omissões que se suscitem na aplicação do presente Regulamento.

Artigo 9.º
Revisão e alteração

O Presidente da FMV pode propor ao Conselho de Escola a alteração deste Regulamento, após audição do CGQ-FMV, mediante pareceres favoráveis do Conselho Científico e do Conselho Pedagógico.

Artigo 10.º
Entrada em vigor e publicação

1. O Regulamento do SIGQ-FMV entra em vigor no dia seguinte ao da sua aprovação pelo Conselho de Escola da FMV.

2. Os documentos relativos ao SIGQ-FMV são divulgados em local próprio, devendo o Manual da Qualidade e o Plano da Qualidade estar publicados no sítio institucional da FMV na internet.

APROVAÇÃO DO DOCUMENTO

	Responsável	Data	Assinatura
Elaboração	Presidente da FMV	20-12-2016	
Pareceres	Conselho de Gestão	20-12-2016	
	Conselho Científico	05-05-2017	
	Conselho Pedagógico	10-05-2017	
Aprovação	Conselho de Escola	26-07-2017	

HISTÓRICO DO DOCUMENTO

Data	Alteração	Elaboração	Aprovação
01-09-2012	Criação do documento	Presidente da FMV	Conselho Escola
20-12-2016	Adaptação ao Regulamento SIGQ-ULisboa	Presidente da FMV	Conselho Escola

SELF EVALUATION REPORT

EAEVE - LISBON 2017

APPENDIX 5

List of scientific publications from the FMV's academic staff in peer reviewed journals during the last three years

Appendix 5

List of scientific publications from the FMV's academic staff in peer reviewed journals during the last three years

2016 (n = 118)

AGUADO-MARTÍNEZ A., BASTO A.P., MÜLLER J., BALMER V., MANSER V., LEITÃO A., HEMPHILL A. - N-terminal fusion of a toll-like receptor 2-ligand to a *Neospora caninum* chimeric antigen efficiently modifies the properties of the specific immune response. Parasitology, 2016, 143(5), 606-616.

ALFAIA C.M., ALVES S.P., PESTANA J.M., MADEIRA M.S., MOREIRA O., SANTOS-SILVA J., BESSA R.J., TOLDRÁ F., e PRATES J.A. (2016). Distinct fatty acid composition of some edible by-products from bovines fed high or low silage diets. Food Science and Technology International. ISSN: 1082-0132. 23:3 (2016) 209–221.

ALHO A.M., CRUZ L., COELHO A., MARTINHO F., ANNOSCIA G., LIA R.P., GIANNELLI A., OTRANTO D., MADEIRA DE CARVALHO L.M. (2016) Case report: First aberrant localization of *Onchocerca lupi* in a dog. Parasitology International, Jun 28; 65(3):218-20.

ALHO A.M., FIARRESGA A., LANDUM M., LIMA C., GAMBOA O., MEIRELES J., SALES LUÍS J. & MADEIRA DE CARVALHO L.M. (2016) A Homemade Snare: An Alternative Method for Mechanical Removal of *Dirofilaria immitis* in Dogs. Vet. Med.International, Vol. 2016, Article ID 5780408, 6 pages. DOI http://dx.doi.org/10.1155/2016/5780408

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ALHO A.M., MOURO S., PISSARRA H., MURTA A., LEMOS M., GOMES L., LIMA C., & MADEIRA DE CARVALHO L.M. (2016) First report of *Eucoleus boehmi* infection in a dog from Portugal. Parasitol. Res. 115: 1721–1725. DOI 10.1007/s00436-016-4932-6.

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APPENDIX 6

Further information on departments, units, clinics and councils, boards, committees

Appendix 6

Further information on departments/units/clinics and councils/boards/committees

School Council (ScC)

The School Council is responsible for:

a) Electing and dismissing the Dean;

b) Assessing and monitoring FMV performance and proposing initiatives to improve the proper functioning of FMV;

c) Approving the regulations of other management bodies;

d) Assessing the Dean and the Management Council actions;

e) And, by proposal of the Dean:

i. Approve the strategic medium-term and action plans for the Dean term;

ii. Approve the FMV's general guidelines regarding scientific, pedagogic, financial and property areas;

iii. Approve FMV's Annual Report and Activities Plan, the proposed budget and the consolidated annual financial reports, considering the opinion of the Board of Management;

iv. Create, change or extinguish FMV's poles, units and services;

v. Approve teachers and researchers evaluation system and the FMV's self-assessment, after consulting the Scientific Council;

vi. Approve the external evaluation initiatives of FMV;

vii. Review and approve annual plans and activity reports of FMV;

viii. Approve tuition fees, both for programmes not leading to degree and for continuing education courses, after consulting the Pedagogic Council;

The current President of the School Council is Professor Conceição Peleteiro (full professor)

President (Establishment's Head, Dean)

The Dean is responsible for:

a) Elaborating the FMV's medium term strategic plan, action plan and general guidelines for the scientific, pedagogic, financial and property areas, which must be submitted to the ScC;

b) Submitting to the ScC the budget proposal and consolidated annual accounts, with the Management Council's opinion attached;

c) Chairing the Management Council, directing FMV's activities and services and approving its regulations, except for those within the competence of ScC.

d) Approving the distribution of the hours dedicated to teaching by each teacher, proposed by SC;

e) Approving the academic calendar, classes and exams schedules and timetables, proposed by PC;

f) Implementing SC and PC decisions, when binding;

g) Exercising disciplinary power according to ULisboa regulations;

h) Ensuring electoral acts foreseen in the Statute;

i) Providing other FMV management bodies the necessary means to pursuit their obligations;

j) Ensuring compliance with legal standards and best practices, securing animal welfare in FMV, for which he appoints the Ethics Committee;

k) Promoting and ensuring that public information disclosed by FMV is accurate and updated;

The Dean appoints up to two vice-Deans among the full or associate professors, to delegate tasks and responsibilities and to designate the one that replaces him/her on its impediments or temporary absences. The Dean is assisted on his/hers functions by a Coordination Board, with advisory capacity that includes the FMV's Vice-Deans , the Presidents of the four Departments and the SC and PC Presidents.

The current Dean is Professor Luís Tavares (full professor).

Scientific Council (SC)

The SC is responsible for:

a) Ensuring the quality of scientific research and education in FMV;
b) Appraising the scientific and educational component of the strategic plans, the medium-term action plan and general guidelines;
c) Proposing the creation, closing or adjustment of FMV's scientific areas, with prior consultation of PC and in accordance with strategic plans, medium-term action plan and general guidelines;
d) Giving opinion on the creation, modification or extinction of FMV's poles, units and services;
e) Proposing the creation, modification and closing of FMV's research units;
f) Proposing the distribution of the hours dedicated to teaching by each teacher;
g) Expressing opinion on the creation of study programmes and approving the syllabus of the units of study of all FMV's study programmes;
h) Exercising the powers set out in the legislation and ULisboa's statutes on academic acts, following proposals made by departments;
i) Performing other acts foreseen in the law and ULisboa's statutes, concerning teaching and research careers and the recruitment of new teachers and researchers.

The current SC President is Professor Rui Caldeira (full professor).

Pedagogic Council (PC)

The PC is responsible for:

a) Ensuring the pedagogic quality of education and proposing pedagogic guidelines, methods of teaching and assessment, namely express opinion on the pedagogic component of strategic plans, medium-term action plan, and general guidelines;
b) Giving opinion on the creation, closing or adjustment on FMVs' scientific areas;
c) Promoting regular inquiries regarding teaching quality, analysing and disclosing their results;
e) Appraising complaints concerning pedagogic issues and proposing solutions;
f) Approving students' evaluation and grading regulations;
g) Giving opinion about new study cycles creation and on their *curricula*;
h) Proposing the academic calendar, classes and exams schedules and timetables.
i) Coordinating the production of teaching materials and periodically assess the needs of bibliographic resources to made available for students learning and training;
j) Proposing to the Dean the purchase of teaching materials, deemed necessary to study programmes;
k) Producing annual editions of the Student's Guide.

The current PC President is Professor Virgílio Almeida (associate professor).

Advisory Board

The Advisory Board is responsible for:

a) Expressing opinion on any subjects or matters proposed by the Dean.
b) Promoting, through its members, the link between FMV´s activities and the sectors of society related to the field of Veterinary Sciences.

Departments

There are 4 Departments:

a) Department of Morphology and Function (DMF) – comprises the scientific area of Morphology and Function. President: Graça Ferreira Dias (associate professor); Study Coordinator: José Mestre Prates (full professor);
b) Department of Animal Health (DSA) - comprises the scientific area of Animal Health. President: Carlos Martins (full professor); Study Coordinator: Virgílio Almeida (associate professor);
c) Department of Clinics (DC) - comprises the scientific area of Clinics. President: António Ferreira (full professor); Study Coordinator: Maria Manuela Rodeia Espada Niza (full professor);

d) Department of Animal Production and Food Safety (DPASA) - comprises the scientific areas of Animal Production and Food Safety. President: Rui Caldeira (full professor); Study Coordinator: José Pedro Lemos (associate professor).

UNITS

Centre for Interdisciplinar Research in Animal Health (CIISA)

Created in 1992, CIISA is a research centre that congregates FMV' teaching staff and researchers and also some external researchers, with the objective to coordinate and develop research and development activities conducted at FMV. CIISA has a President, a Scientific Council and a Coordinating Committee.

The current President of CIISA is Luís Lopes da Costa (full professor).

Veterinary Teaching Hospital (VTH)

The Veterinary Teaching Hospital (VTH) aims to offer practical training to students in propaedeutic and clinical areas and research activities in the scientific areas of Clinical and Animal Health, and to provide qualified and reference services to society, directly or in cooperation with external professionals, as well as with national and international institutions.

The VTH consists of four subunits:

a) Companion Animals Clinics;

b) Food Animals and Horse Clinics;

c) Diagnostic Centre;

d) Pharmaceutical Services.

The VTH is run by a Board chaired by the Dean, including also the heads of each subunit, the PC President and Presidents of the Departments of Clinics and Animal Health.

Library and Documentation Centre

Specialized service on the acquisition, processing, organization, management and dissemination of documentation and information. Its mission is to provide bibliographical resources required for teaching and research. Its operation is provided by a qualified technician (Drª Elisa Luz) under the coordination of a teacher (Isabel Neto, auxiliary teacher) proposed by the PC and appointed by the Dean. The Library and Documentation Centre consists of two large study areas, a niche area equipped with computers with Internet connection, a media room (TV, VCR / DVD player), and several rooms for self-learning, group study and document consultation.

Laboratory Animal Facility (LAF)

LAF main objectives are the breeding, care and maintenance of laboratory animals under environmental, nutritional and health controlled conditions, used for educational and scientific purposes, in the context of training activities and research projects.

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APPENDIX 7

Regulation of the Integrated Master in Veterinary Medicine of FMV

Integrated Master in Veterinary Medicine - Regulation

Article 1
Objectives

It is the aim of the Integrated Master in Veterinary Medicine, hereinafter IMVM, to guarantee a high level of general education, grounded on scientific research and hands-on practical training and giving its graduates a set of competencies described in the document itself, called "Skills Masters in Veterinary Medicine FMV-ULisboa", which are summarized in the following general and specific objectives:

a) General objectives:
   i) To apply knowledge, reasoning and skills to understand and solve problems in new situations, in wide multidisciplinary contexts, in the field of veterinary sciences.
   ii) To integrate knowledge, handle complex issues, propose solutions and make judgments in situations of limited or incomplete information, including reflections on the implications and ethical and social responsibilities that result from those solutions and judgments.
   iii) To be able to communicate findings and conclusions, and the knowledge and rational underlying them, in a clear and objective manner.
   iv) To develop skills that enables them to pursue an autonomous lifelong learning career.

b) Specific objectives:
   i) To ensure health and welfare of animals;
   ii) To contribute to a sustainable and competitive animal production, preserving the environment;
   iii) To protect Man from zoonosis;
   iv) To ensure quality and safety of animal products.

Article 2
Coordination

1 - The programme is coordinated by the President of the Scientific Council, assisted by a Scientific Committee chaired by him and that also includes the President of the Pedagogical Council, the Studies Coordinators of the Scientific Areas and one student elected by and from the students' members of the Pedagogical Council.

2 - The Scientific Committee of the programme has the following specific competences:

a) Ongoing evaluation of the IMVM performance, ensuring that the above defined objectives are met, including the quality of teaching, the acquisition of skills by students and their academic success;
b) General coordination and harmonization of the IMVM programme;
c) Proposition of any changes to the IMVM programme or the rules for its functioning;
d) Proposal of amendments to the IMVM Regulation.

3 - The Scientific Committee meets at least once a year, at the end of the academic year, to evaluate the ending year and preparing the following year.

Article 3
Monitoring and Evaluation

1. The Scientific Committee of IMVM ensures permanent monitoring and evaluation of the functioning of IMVM, assessing the fulfilment of the objectives listed above, and promoting constant updating and improvement trough opportune introduction of the necessary changes.
2. In compliance with the preceding item, processes and procedures that enable the collection of information necessary for a proper monitoring and periodic evaluation of IMVM are instituted, namely by conducting regular surveys of the operation of courses, the pedagogic and scientific performances of teachers and the correspondence between credits (ECTS) and the amount of work required in the *curriculum*, which are organized and approved by the Pedagogical Council, in accordance with the Scientific Council.

Article 4
***Curriculum* Structure and Organization**

1 - The IMVM lasts 11 semesters (5.5 years), comprising a total of 330 ECTS and consists of an organized set of curricular units corresponding to 300 ECTS, spread through ten semesters, and a curricular training period, including a master dissertation, totalling 30 ECTS.

2 - In agreement to paragraph 3 of article 19 of Decree-Law 74/2006 of March 24, amended by the Decree-Law No. 107/2008, of June 25 and the Decree-Law No. 115/2013 of August 7 and by the Order No. 7287-a / 2006, Series II, March 31, the degree of *licenciado* in Basic Studies in Animal Health Sciences is awarded to the students who have completed the 180 ECTS corresponding to the first six semesters.

3 - The *curriculum* consists of compulsory (285 ECTS) and optional (15 ECTS) curricular units, according to the *curriculum* of the programme.

4 - The subjects of the mandatory optional curricular units are approved by the Scientific Council, under proposal of the department that include the scientific area that comprises these contents, when these curricular units are created or whenever substantial changes occur.

5 - The optional curricular units:

a) Are defined by the Scientific Council for each semester of the 3rd, 4th and 5th year of the *curriculum*, following a proposal from the departments;
b) Handle with subjects that focus on issues not covered, or insufficiently addressed, by mandatory curricular units;
c) Operate in accordance with rules established by the Scientific Council, in particular with regard to the application, selection and enrolment of candidates and functioning rules, which are announced before each semester in conjunction with the list of optional curricular units offered in that semester.

6 - The curricular units will be taught in Portuguese language or, with the prior agreement of the Scientific Council, may be taught in other languages.

7 - The IMVM *curriculum* should be reassessed every five years and extraordinarily whenever the Scientific Council determines.

8 - The procedures that integrate the process of evaluation of knowledge and skills are outlined in a separate regulation, the "Regulation of Knowledge and Skills Assessment and Final Examination Admission for the 1st and 2nd cycles of FMV-ULisboa" which is approved by the President of the FMV, after consulting with the Scientific and Pedagogical Councils.

9 - The procedures which rule the process of accreditation are described in a separate regulation, the "Regulation of Previous Training Crediting of FMV-ULisboa", which is approved by the President of the FMV, after consulting with the Scientific Council.

Article 5
Access and enrolment

1 - Access and enrolment in the 1st cycle of IMVM are governed by general rules applied to all 1st cycle's studies and are regulated by national legislation.

2 - Access and enrolment in the 2nd cycle of IMVM are governed by the following rules:

a) All students enrolled in the 1st cycle of the IMVM have direct access to the 2nd cycle of the programme, in compliance with the rules of the transition defined below in this Regulation.

b) May also apply the holders:

i. of a 1st cycle of a master programme in Veterinary Medicine taken in Portugal or in another country of the European Union which follow the system of organization defined by the Bologna Process;

ii. of an academic, scientific or professional *curriculum vitae* that is recognized by the Scientific Council as attesting the capacity to carry out this cycle of studies;

iii. of a degree in Veterinary Medicine (pre-Bologna).

c) Holders of a 1st cycle of a master programme in Veterinary Medicine and holders of an academic, scientific or professional *curriculum vitae* that is recognized by the Scientific Council, have the same access requirements that candidates for admission in the 1st cycle of IMVM (minimum classifications on national exams and on the application to the university) and, if they exceed the vacancies, will be ranked according to the following non-cumulative criteria:

i. Greater value resulting from the algorithm (CCESx70 + (CUCRxP)x30)/100:
- CCES corresponds to the classification of the application to higher education through general contingent, calculated by applying the actual access rules for the IMVM at FMV; in the case of students from foreign higher education institutions that have not conducted tests equivalent to those required for the IMVM, grades obtained in the subjects of secondary education that includes biology and chemistry, will be used;

- CCE is the average, on a scale of 0-20 and weighted by ECTS, of the classifications obtained in the origin cycle or in the cycle of studies which accounts for the academic, scientific or professional *curriculum* recognized by the Scientific Council of the FMV, as attesting the capacity to IMVM the embodiment;

- P is a value related to the European Scale of Comparability of Classifications (ESCC), assuming for this purpose the following values of P: A rate in EECC - P = 1; B rate in EECC - P = 0.9; C rate in EECC - P = 0.8; D rate in EECC - P = 0.7; E rate in EECC - P = 0.6; in the absence of objective information, the value of P corresponding to E rate (0.6) will be assigned;

ii. Fewer years between the degree and this application,

iii. Best academic, scientific and professional *curriculum* vitae.

d) The number of vacancies for external candidates referred to in b) is annually proposed by the Scientific Council in view of FMV availabilities, distinguishing two contingents:

i. Holders of the 1st cycle of integrated masters in Veterinary Medicine and holders of an academic, scientific or professional *curriculum* vitae that is recognized by the Scientific Council attesting the capacity to carry out this cycle of studies;

ii. Holders of a degree in Veterinary Medicine (pre-Bologna).

e) These vacancies, as well as the deadline for applications and documents to be submitted by candidates, are published in the FMV webpage.

f) Candidates that hold a degree in Veterinary Medicine under the degree system previous to the Bologna Process must proceed in accordance with the provisions of article 18.

Article 6
Transition of curricular year and enrolment in the curricular traineeship

1 - Students with overdue curricular units by more than 20 ECTS, are not allowed to pass to the next curricular year, from which 10 ECTS may belong to the curricular year in which the student is enrolled or, at most, 10 ECTS may belong to previous curricular year.

2 - The maximum referred to in the previous number may be exceeded when accreditation of curricular units has been obtained if:

a) The enrolment in the following year does not exceed the total of 80 ECTS;
b) The enrolment in the following year exceeds the total of 80 ECTS in the number of ECTS of accredited curricular units pertaining to unfulfilled curricular years.

3 - In the case of students who enrol in the IMVM through the Readmission, Transfer and Programme Changes regimes, the direct access to the 2nd cycle, and through the exams aimed to assess the capacity for the frequency of Higher Education for over 23 years, the accreditation of prior training and a curricular study will be performed to determine the curricular year in which the student will be enrolled, according to the rules previewed in the preceding numbers.

4 – The access to the curricular traineeship is restricted to students who have passed all the remaining curricular units of IMVM syllabus (300 ECTS).

5 - Exceptionally, students who have not obtained approval in curricular units that correspond to a maximum of 10 ECTS can start their curricular traineeship if those curricular units do not belong to the Scientific Area of the curricular traineeship.

6 - Students who only meet the requirements stipulated in the preceding two numbers at the end of the 1st semester may enrol in 6th curricular year and in the curricular traineeship until the end of February.

Article 7
Logbook

1 - In order to improve the mentoring of IMVM students' clinical practice throughout the programme, a document, designated hereafter as logbook, was created for the registration of such activities.

2 - The logbook is a book of records, where the essential practical skills that students must acquire are listed and whose performance is confirmed by teaching or technical authorized personnel.

3 - The logbook is personal and not transferable and is distributed to each student in the beginning of the 2nd semester of the 2nd year.

4 - The logbook must be totally filled to get the final approval on IMVM, and should be delivered to the Academic Office before the enrolment in the curricular traineeship.

5 – The specific rules for the use of the logbook are defined by a joint order of the Presidents of the Scientific and Pedagogical Councils.

Article 8
Characteristics and objectives of the curricular traineeship

1 – The curricular traineeship aims to provide learning, training and development of knowledge in a specific area of veterinary sciences.

2 – The curricular traineeship represents a workload equivalent to 30 ECTS, including the preparation of the dissertation and its presentation and discussion in a public *viva*. The practical component of the curricular traineeship must include a period of not less than 500 hours, which must be confirmed in the final statement of the supervisor.

3 - The curricular traineeship culminates in the presentation of a dissertation, in which the practical component may take one of the following forms:

a) A professional training.
b) The development of research activities.
c) A project work.

4 – When applying for the traineeship students must indicate the provisional theme of the dissertation and the Area of Veterinary Sciences in which they intend to accomplish their traineeship. During the traineeship period, students should define with their supervisors the

specific and definite theme to be the subject of the dissertation, according to the sample or the opportunity to follow-up or develop adequate activities.

5 - The dissertation is submitted to public discussion by a jury specially appointed for this purpose.

6 - The curricular traineeship can be done in the FMV or extramural, and may not be held in more than two locations, except in the case of a project work for which, although centred on a major site, it is desirable that the student visit various locations for the preparation of the dissertation.

Article 9
Institutional coordination and monitoring of the curricular traineeship

1 - The Scientific Council is responsible for the curricular traineeship, coordinating all the procedures related to it through the IMVM curricular traineeships Committee (IMVM-CTC). This Committee includes at least one professor from each of the Scientific Areas and a representative of the internal structure responsible for the Mobility Programs.

2 - The student is free to choose the supervisor(s), the Scientific Area and the location where to accomplish the curricular traineeship. Students who are not able to find a location for the curricular traineeship should formally ask IMVM-CTC to provide placement and supervision until 30 days before the established deadline.

3 - Prior to the 30th November of each academic year, the IMVM-CTC establish and announces the curricular traineeship schedule. The map of curricular traineeships is prepared by the Academic Office and present to the IMVM-CTC.

Article 10
Application and enrolment in the curricular traineeship

1 – Applications and enrolments must be made in accordance with the schedule referred to in number 3 of article 9, and in obedience to the following:

a) Based on its own initiative or on elements advertised by FMV, the student should contact the supervisor and co-supervisor and present at the Academic Office the application, in the proper form, containing the following elements:
   i) Name, address, telephone number and email address;
   ii) Research field and provisional theme of the curricular traineeship;
   iii) Traineeship agreement, signed by the student, supervisor and co-supervisor (if applicable), including names, addresses, phone numbers and email addresses; the location where the curricular traineeship will take place, including address and phone number; and the predictable date for the curricular traineeship start;
   i) The student must attach to this form a summarized and updated *curriculum vitae* of the external supervisor or co-supervisor if they do not already exist in the Academic Office.

2 - After checking that the application includes all the documents referred to in number 1 of this article, the Academic Office sends it to the IMVM-CTC and registers it on the curricular traineeships map of the corresponding academic year.
3 - The IMVM-CTC checks that the information contained in the application form are in accordance with the terms of this Regulation and asks the candidate, through the Academic Office, for any missing information or clarification.
4 - The IMVM-CTC may consult the Departments or the Coordinators of Studies of Scientific Areas to answer to requests for indication of location and orientation of curricular traineeship.
5 - The Academic Office notifies by email the applicant and supervisors of the approval of the application until the 30th July of the academic year preceding the curricular traineeship period.

Article 11
Procedures during the curricular traineeship

1 - Within 15 days after starting the student should report by email (secretaria@fmv.ulisboa.pt) to the Academic Office the beginning of the curricular traineeship and within two months the specific and definite theme, always with the acknowledgement and agreement of supervisor.
2 - If the student wishes to change the theme and/or the location of the curricular traineeship, permission should be asked to the IMVM-CPC, through a new application form duly completed.
3 - If the student wishes to change the supervision of the curricular traineeship, the IMVM-CTC should be informed and a new application must be accompanied by an acceptance letter from the new supervisor(s) and a letter from the outgoing supervisor(s) confirming their understanding and agreement to this change.
4 – Changes in the curricular traineeship do not justify any postponing of the date of delivery of the provisional dissertation.

Article 12
Supervision of the curricular traineeship and dissertation

1 – The supervision of the curricular traineeship and dissertation is done by a PhD or a specialist whose merit in the scientific area of the curricular traineeship is recognized by SC, with a minimum of 5 years of experience in the area.
2 - If the supervisor does not work at the FMV, the student should indicate a co-supervisor chosen from the FMV staff holding a PhD, MSc or an equivalent degree. If the student prefers, the IMVM-CTC will appoint this co-supervisor.
3 - Regarding the curricular traineeships held at the FMV, the supervisor should be a PhD, master or someone holding equivalence to these degrees working at the FMV. In particular cases, duly justified, an additional co-supervisor may be named among:
a) PhD, masters or those holding equivalence to those degrees who work in FMV;

b) Veterinary Surgeons on contract basis in the Veterinary Teaching Hospital of FMV that have a minimum of 5 years of clinical activity and exclusively for curricular traineeship in the Clinical Scientific Area;
c) FMV higher technicians with a minimum of 5 years of recognized experience in research in the area of the curricular traineeship.

4 - The supervisor has the following competencies and duties:

a) Establish, in conjunction with the co-supervisor, if any, and the student, the curricular traineeship program;
b) Advise the student, regarding the technical, scientific, ethical and deontological components;
c) Send, at the request of the internal supervisor, information on the curricular traineeship;
d) Critically advise the student in structuring, writing and revision of the dissertation;
e) Prevent any plagiarism or violation of copyright and intellectual property;
f) Issue a written opinion on the admissibility of the dissertation;
g) Integrate the jury that evaluates the dissertation and its discussion in the public *viva*. The supervisor may request its' replacement on the jury by the co-supervisor;
h) Provide information to the jury about the student's performance during the curricular traineeship period; if, by any major reason, the supervisor cannot attend the meetings of the jury, the Annex I to this Regulation should be filled and sent to the jury President;
i) Advise the student in any revision of the dissertation requested by the jury.

5 - As a symbolic form of recognition for the services rendered, the FMV provides to the external supervisors:

a) Preference in enrolment in training activities not leading to academic degrees;
b) Priority on services provided by FMV;
c) Preferential access to library and computer resources of scientific literature.

6 - The co-supervisor has the following competencies and duties:

a) Ensure the link between the student, FMV and the supervisor when the latter does not work in the FMV;
b) Establish, in conjunction with the supervisor and the student, the curricular traineeship program, cooperating in planning activities;
c) Communicate to the student any relevant academic or pedagogic indications;
d) Cooperate in structuring, writing and reviewing the dissertation;
e) Prevent any plagiarism or violation of copyright and intellectual property;
f) Issue a written opinion on the admissibility of the dissertation;
g) Integrate the jury that evaluates the dissertation and its discussion on the public *viva* when the supervisor cannot integrate it;
h) Advise the student in any revision of the dissertation requested by the jury.

Article 13
Characteristics of the dissertation

1 - The dissertation should be written in Portuguese or English. In justified cases, by request of the student and with the agreement of the supervisor, the IMVM-CTC can accept dissertations written in another foreign language.

2 - The dissertation must be written in accordance with current FMV regulations and, for guidance, comprise between 50 and 70 numbered pages, not exceeding 100 pages in total.

3 - The cover of the dissertation must conform to the standard model.

4 – In the case the dissertation is the result of a curricular traineeship in which the practical component took the form of a professional training, it should include:

a) A brief description (3-6 pages) of the activities developed during the curricular traineeship in which the degree of involvement of the student is evident;
b) A state of art on the specific theme, based on a bibliographic research within the main scientific and technical publications in the area in recent years;
c) A scientific discussion of a series of clinical cases or experimental results that support the approved theme;
d) One or more conclusions of the discussion and also some references to relevant aspects of learning, expectations versus performance or any other subjects deemed pertinent;
e) A list of cited literature.

5 - In the case the dissertation is the result of a curricular traineeship during which the practical component took the form of a research work, in addition to the aspects mentioned in the preceding number it should also include a description of materials and methods utilized.

6 - In the case the dissertation takes the format of a project work, it should reflect the critical analysis of the information gathered and lived experience in the curricular traineeship in a business context. It should include a market analysis of the sector/area in which it operates and a detailed description of the objectives, required resources and organizational structure of the production unit scheme which proposes to outline. It should also contain a brief economic study that demonstrates the feasibility of this unit.

Article 14
Delivery of the dissertation

1 – The dissertation resulting from the curricular traineeship can only be accepted by the Academic Office after the student has been approved in all the curricular units of the IMVM syllabus and when all procedures stipulated in articles 10 and 11 are completed, including the prior approval by the MIM-CTC of the specific and definite theme.

2 - After getting the supervisor and the co-supervisor approval, the student must submit the dissertation in the Academic Office and request its public discussion in an application addressed to the President of the Scientific Council of the FMV, accompanied by:

a) four copies of the dissertation, with the expressed indication of it being a provisional document on the cover and the first page (below the title), and a version in electronic form;
b) one copy on pre-defined format of the abstract in Portuguese and English, accompanied by up to six keywords;
c) Declarations of the supervisor and co-supervisor stating that the dissertation meets the conditions required for its analysis and discussion;
d) The declaration of the supervisor must also attest that the practical component of the curricular traineeship had a minimum of 500 hours.

Article 15
Evaluation of the dissertation and curricular traineeship - Jury and procedure

1 - In the 10 subsequent working days to the submission of the dissertation, the President of the Scientific Council of the FMV, at the proposal of the IMVM-CTC, appoints the jury for its analysis and discussion in a public *viva*.

2 - The jury will consist of 3-5 members and will include:

a) The supervisor;
b) Two or three holders of a PhD degree who work in the FMV;
c) Exceptionally a specialist of recognized merit by the Scientific Council of the FMV may also integrate the jury.

3 - When the supervisor anticipates not being able to attend the public discussion, or considers that this function should be performed by the co-supervisor, a declaration to that effect should be sent to the President of the Scientific Council before the submission the provisional dissertation, so that the co-supervisor can be appointed to the jury.

4 - The jury is chaired by the member, belonging to the FMV staff, that is the oldest professor of the highest category, excluding the supervisor and the co-supervisor.

5 - Within 20 working days after the appointment of the jury, the president must issue an order in which:

a) Declares the acceptance of the dissertation presented, even if minor inaccuracies could still be corrected in the final version, and set the day, place and agenda of the public discussion;
b) Justifiably recommends that the dissertation should be reviewed, pointing out the major faults and weaknesses and attaching any existing written reports authored by the other jury members.

6 - The president of the jury will also be responsible for:

a) Participate in the public discussion as the main examiner;
b) Conducting the public discussion, ensuring the compliance with the stipulated rules and the quality and dignity of all the procedure;
c) Set and control the time for the intervention of each member of the jury and the students replies.

7 - In case the provisional dissertation is accepted without significant changes, the student must submit three copies in paper and two in electronic form (not editable) of the final dissertation, one abstract in Portuguese and English in electronic form (editable format - Word) within 30 working days after the public discussion. All amendments proposed by the jury should be included in this final version which must be validated by the president of the jury prior to submission.

8 - The final dissertation should include in the cover and first page the name of the University and of the FMV, the title of the dissertation, the name of the supervisor and, if any, of the co-supervisor and the names of all members of the jury.

9 – When revision of dissertation is recommended by the jury, the student has a period of 60 working days to review the dissertation or declare that he wants to keep it as first presented.

10 – After reviewing the dissertation, the student submits three new provisional copies and one electronic copy.

11 – If, despite the recommendation of the jury to review the dissertation, the candidate declares the intention to maintain the original version, the president of the jury should set the day for the public discussion.

12 - Plagiarism of other technical or scientific work will be cause for outright rejection of the provisional dissertation or, if applicable, sanctioned with the cancellation of the degree awarded.

Article 16
Evaluation of the dissertation and curricular traineeship - Public discussion and classification

1 - The public discussion must occur within 15 working days from the date of the order of the president of the jury accepting the dissertation or of the communication of the student declaring his intention to maintain the first version of the dissertation.

2 - The public discussion consists of the discussion of the dissertation, preceded by a presentation of the work by the student, with a maximum duration of 15 minutes, summarizing the contents of the dissertation, highlighting the goals, the materials and methods used and the main results and conclusions.

3 - The discussion should involve all members of the jury.

4 - The public discussion has a maximum duration of 1 hour and 15 minutes.

5 - The final classification of the curricular traineeship is expressed on a numerical scale from 0 to 20. For its attribution should be taken into consideration the performance of the candidate in practical activities during the curricular traineeship period and the quality of the dissertation, oral presentation and discussion.

6 - To support the classification process the jury must complete the "Curricular Traineeship Assessment Record" (Annex II to this Regulation). This report is part of the minutes of the public discussion, and to fill it the president of the jury should ask each member to grade

each criterion, beginning this inquiry by the members without responsibilities in supervision and finishing with the supervisor(s)' opinion.

Article 17
Assignment of final classification

1 – To the academic degree of master is assigned a final classification, expressed in the range 10-20 on a numerical scale of 0 to 20, as well as in its equivalent in the European scale of comparability of classifications, calculated according to the appropriate standards.
2 - The calculation of the final classification of the master is made by the weighted average, by the ECTS credit units, of all curricular units, including the curricular traineeship classification.

3 – The issue of the Certificate of Registration and the Course Diploma is accompanied by the emission of the corresponding diploma supplement under the legislation in force, within 90 working days after its request. The issue of a certificate of conclusion of the master's degree is conditional to the request for the Certificate of Registration.

Article 18
The attainment of a master degree by pre-Bologna graduates in Veterinary Medicine

1 - Holders of a degree in Veterinary Medicine obtained in the system previous to the Bologna Process may obtain a master's degree in Veterinary Medicine by enrolling in the IMVM 2nd cycle, getting approval on the curricular units not accredited and publicly defending a dissertation in accordance with article 13 of this Regulation.

2 - In case of having more than five years of relevant professional experience in the field of Veterinary Sciences, the holders of a degree in Veterinary Medicine, obtained in the system previous to the Bologna Process in the FMV or any other institution of higher education whose training system in Veterinary Medicine is approved by the European Association of Establishments for Veterinary Education, may obtain a master's degree in Veterinary Medicine fulfilling the stipulated in the preceding paragraph but presenting as alternative to the dissertation, a detailed report on their professional activity, which is submitted to public discussion that includes the discussion of experiences and skills acquired.

3 – The relevant professional experience in the field of Veterinary Sciences, referred on the previous number, must be proven by the *curriculum vitae* of the graduate, in which will be valued aspects such as:

a) Frequency and/or approval in post-graduate courses or training activities;
b) Teaching post-graduate courses or training activities;
c) Participation in research projects;
d) Publication of scientific and technical articles, books, or book chapters;
e) Communications at technical or scientific meetings;
f) Supervision of curricular traineeship of veterinary medicine students;
g) Performance of senior positions in institutions, scientific societies or companies.

4 - For the purposes of numbers 2 and 3, applicants must:

a) Enrol in the 2nd cycle at the Academic Office;
b) Request the accreditation of prior learning and, simultaneously, the evaluation of their *curriculum vitae* to assess if the dissertation could be replaced by the report referred to in number 2 of this Article.

5 - In the 10 working days subsequent to the delivery of the application requesting the evaluation of the *curriculum* vitae, the President of the Scientific Council, at the proposal of the IMVM-CTC, appoints the jury responsible for that evaluation, which comprises:

a) Three holders of a PhD degree who work in the FMV in the area of Veterinary Sciences in which the applicant predominantly exerts its' activity;

b) Exceptionally a specialist of recognized merit by the Scientific Council of the FMV can also integrate the jury.

6 - The jury referred above is chaired by the member, belonging to the FMV that is the oldest teacher of the highest category.

7 - In case the replacement of the dissertation by the report is accepted, the selected jury, referred in the preceding numbers, also is maintained and should appreciate the applicant's professional activity report.

8 - The public discussion of the report follows an operating model similar to that described in articles 15 to 17 of this Regulation.

9 - Within 20 working days after the appointment of the jury, its president should issue an order in which:

a) States that the professional experience of the candidate is considered relevant and, consequently, the dissertation may be replaced by a detailed report on its' professional activity which is to be subject to public discussion where the experiences and skills will be evaluated;
b) Declares that the professional experience of the candidate is not relevant and, therefore, the candidate must enrol on the curricular traineeship which includes the preparation of a dissertation.

10 – If the replacement of the dissertation is accepted, the candidate must submit within 60 working days, five copies in paper and three in electronic form (not editable) of the report.

11 - The report must include on the cover the name of the University and of the FMV, the candidate name, the constitution of the jury and the words "Report for the purpose of awarding a master's degree in Veterinary Medicine."

12 - The final classification of the report is given on a numerical scale of 0 to 20. For its attribution the quantity and quality of the activities described, the quality of writing of the report, the oral presentation and its public discussion, should be taken into account.

13 - The classification of the report will have a weight of 30 ECTS on the final IMVM classification.

Article 19
Confidentiality

1 - Some of dissertation work, by its nature or because they developed in collaboration with business companies, may involve the need to ensure the confidentiality of certain components of the dissertation. These situations should be reported to the IMVM-CTC before the submission of the dissertation, clearly identifying the institution or company and the part of the dissertation that requires confidentiality.

2 - If the IMVM-CTC considers relevant the reasons given for the need to ensure the character of confidentiality the following procedures should be followed:

a) The title, abstract and keywords (both in Portuguese and in English) cannot be confidential;
b) The coordinator of the IMVM-CTC and all the members of the jury must accept and sign a confidentiality statement;
c) The text of the dissertation that will become public should be reviewed and authorized by the institution that requires confidentiality, together with the jury;
d) The confidential parts of the text will be included in an annex, in a separate volume, which is distributed only to the members of the jury and should be returned to the institution seeking confidentiality at the end of the public discussion.

Article 20
School Calendar

The academic schedule is set annually by the Pedagogical Council of FMV.

Article 21
Tuition fees

The amount of tuition fees and the respective payment scheme of IMVM will be fixed pursuant with number 2 of article 16 of Law No. 37/2003, of the 22nd August.

Article 22
Limit of enrolments

The maximum number of annual enrolments that a student is allowed in the IMVM follows the Law No. 37/2003, of the 22nd August.

Article 23
Omissions

Omissions of this Regulation are resolved by the appropriate governing bodies of FMV.

Approved by the Scientific Council of the FMV on the 30th July 30, 2014.

Approved by the Pedagogical Council of FMV on the 19th September, 2014.

Approved by the President of the FMV on the 1st December, 2014.

Published on the Diário da República, 2.ª série, N.º 238, of the 10th December 2014

Annex I to the Regulation of the Integrated Master in Veterinary Medicine

Information from the supervisor of the curricular traineeship

Student's name: _____

Supervisor's name: _____

Start date of the curricular traineeship: _____/_____/20_____.

Date of completion of curricular traineeship: _____/_____/20_____.

Hours of practical activity _____

Scientific Area: _____

Theme: _____

The answers to the following questions are subject to the rules of confidentiality of information. Please reply indicating a numerical value on a scale of zero to five (0 - very poor, 1 - poor, 2 - fair, 3 - good, 4 – very good, 5 - excellent).

01. ATTENDANCE ……..……
02. INTEREST ……...……..
03. TECHNICAL PERFORMANCE.....
04. SPIRIT OF INITIATIVE OR INNOVATION ……..……
05. WORKLOAD…… ……..……..
06. QUALITY OF WORK ……..……
07. RELATIONSHIP WITH COLLEAGUES, CUSTOMERS, etc.……
08. FULFILMENT OF THE STUDENT PROGRAM ……..……
09. LEARNING NEW SKILLS ……
10. APPLICATION OF NEW KNOWLEDGE ……..……..……
11. COMMENTS (if any):

_____

_____

_____

Proposed classification for the practical component of the curricular traineeship (0-20) ___.

Date _____ / _____ / 20_____

The Supervisor _____

Annex II to the Regulation of the Integrated Master in Veterinary Medicine

Assessment Record of the curricular traineeship of IMVM

Attached to the minutes of the dissertation public discussion

STUDENT'S NAME: _____ No.: _____

Qualitative classification: place an X on the qualitative level that the jury assigns to each of the criteria:

	Insufficient (<10)	Sufficient (10-13)	Good (14-16)	Very Good (17-18)	Excellent (19-20)
Performance during the traineeship					
Attendance					
Interest / Attitude					
Social interaction					
Technical performance					
Learning new knowledge					
Exposure					
Clarity					
Exposure quality					
Discussion					
Answers' clarity					
Answers' adequacy					
Communication skills					
Dissertation					
Organization					
Language adequacy					
Cited bibliography novelty					
Methodologies adequacy					
Originality					
State of art quality					
Discussion quality					
Conclusions quality					
Predominant classification range					
Final classification (0-20)					

_____

SELF EVALUATION REPORT

EAEVE - LISBON 2017

APPENDIX 8a

Logbook

FACULDADE DE MEDICINA VETERINÁRIA

UNIVERSIDADE DE LISBOA

Foto

Informação Pessoal	
Nome	
Aluno n.º	
Telefone	
E-mail	

1. Competências Práticas

1. Avaliação do Animal	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
A. Manuseamento e Contenção				
Manuseamento e contenção animais de companhia/exóticos	**(n=3)**			
Aproximação correcta ao animal e conhecimento da reacção de rejeição	C/G			
	Exo			
Colocação e remoção dos animais da jaula/caixa de transporte	C/G			
	Exo			

Nome: Nº: Assinatura:

1. Competências Práticas

1. Avaliação do Animal	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Colocação de laço de contenção/açaime	C			
Colocação de colar isabelino	C/G			
Contenção do animal (exame clínico, colheita de sangue e urina)	C			
	G			
	Exo			

Nome: Nº: Assinatura:

1. Competências Práticas

1. Avaliação do Animal	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Maneio e contenção animais de produção				
Aproximação correcta ao animal e conhecimento da reacção de rejeição	E			
	R			
Colocação de uma cabeçada e condução do equino à mão (passo e trote)	E			
Contenção do animal (arganel/cabeçada/ torção de orelha/flexão de membro/etc.). *(Ex: Exame clínico, colheita de sangue e urina, administração de medicamentos, tratamentos, pensos).*	QE			

Nome: Nº: Assinatura:

1. Competências Práticas

1. Avaliação do Animal	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
B. Recolha de informação				
Obtenção de história pregressa/anamnese e das características do ambiente envolvente	**(n=3)**			
Animal individual	QE			
Grupo de animais	E/R/P			
C. Exame Geral				
Obtenção e avaliação dos parâmetros vitais				
Temperatura rectal	C/G/EXO			

Nome: Nº: Assinatura:

1. Competências Práticas

1. Avaliação do Animal	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Temperatura rectal	R/E/P			
Frequência cardíaca e respiratória	C/G/EXO			
	R/E/P			
Coloração das mucosas e tempo de repleção capilar	C/G/EXO			
	R/E/P			

1. Competências Práticas

1. Avaliação do Animal	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Pulso arterial	C/G/R/E			
Dor	C/G/EXO			
	R/E/P			
Exame do estado geral	**3PA/2GA**			
Grau de desidratação				

1. Competências Práticas

1. Avaliação do Animal	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Nutrição				
Bem estar animal/ avaliação da dor				
2. Decisões clínicas				
Fazer lista de problemas em 3 casos diferentes	QE			
Fazer lista de diagnósticos diferenciais em 3 casos diferentes	QE			

1. Competências Práticas

2. Decisões clínicas	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Escolher os testes de diagnóstico apropriados em 3 casos diferentes	QE			
Seguir 3 casos durante o tratamento	QE			
Discutir a progressão do caso com 1 cliente, tendo em conta preocupação do proprietário, aspetos financeiros, empatia com o dono	QE			
Discutir com clínico instruções de alta clínica em 3 casos	QE			
Discutir o follow up realizado pelo telefone em um caso de modo a avaliar progressão/resolução	QE			
Participar em 3 casos de cuidados primários (vacinação etc.)	QE			

1. Competências Práticas

2. Decisões clínicas	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Participar em 3 casos clínicos de referência	QE			
A. Colheita e manipulação de amostras para diagnóstico				
Sangue	QE			
Urina	QE			
Pele	QE			
Tecidos/Fluídos orgânicos	QE			

Nome: Nº: Assinatura:

1. Competências Práticas

2. Decisões clínicas	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Biópsia (PAAF, Punch, Excisional)	QE			
Zaragatoa para análise microbiológica	QE			
Obtenção de amostra de fezes	R/E/C/G			
Obtenção de uma amostra da cloaca	Aves			
Obtenção de amostra de leite para diagnóstico de mamite	R			
Selecção adequada dos tubos de colheita e acondicionamento de diferentes amostras	QE			

1. Competências Práticas

2. Decisões clínicas	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Obtenção de sangue e fluidos corporais	QE			
Obtenção de amostra de tecido	QE			
Obtenção de amostra para exame de Microbiologia	QE			
B. Utilização de equipamento para diagnóstico imagiológico e interpretação dos sinais	**(n=3)**			
Protecção radiológica (conhecimento e uso correcto de luvas, avental e protetor da tiróide)	QE			
Posicionamento do animal para RX e uso de acessórios de contenção	C/G/E			

1. Competências Práticas

2. Decisões clínicas	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Selecção de constantes radiográficas e cassete apropriada	C/G/E			
Preparar animais para exame e presenciar exame ecográfico	C/G/E			
Realização de necrópsia	3-Mono			
	1- Poli 1- ave			

1. Competências Práticas

3. Tratamento	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura		
A. Emergências médicas						
Reconhecer situações de risco de vida e iniciar tratamento adequado, exemplos:	**(n=5)**					
Perda de consciência, choque, hemorragia, feridas, intoxicações, golpe de calor, dilatação gástrica no cão, mamite tóxica aguda, cólica no cavalo, timpanismo nos bovinos e ovinos.	3PA					
	2GA					

1. Competências Práticas

3. Tratamento	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
B. Administração de medicamentos e fluidoterapia				
Administração de fármacos por via oral				
Comprimidos	C/G			
Pasta	R/E			
Administração de fármacos por via parentérica				
Subcutânea	C/G			
	R/E			

Nome: Nº: Assinatura:

1. Competências Práticas

3. Tratamento	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Intra-muscular	C/G			
	R/E			
Endovenosa	C			
	R/E			
Administração e monitorização de fluidoterapia	QE			

1. Competências Práticas

3. Tratamento	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
C. Anestesia				
Realização de sedação	3 PA/ 2 GA			
Colocação de tubo endotraqueal	3 PA			
Colocação de oxímetro de pulso e estetoscópio esofágico	3 PA			
Manutenção e monitorização da anestesia	3 PA/ 1 GA			

Nome: Nº: Assinatura:

1. Competências Práticas

3. Tratamento	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Reconhecimento, pontuação e maneio da dor no período peri-cirúrgico	QE			
D. Cirurgia				
Boas práticas na preparação cirúrgica	**(n=3)**			
Preparação cirúrgica como ajudante de cirurgião	C/G			
Preparação do animal e do campo operatório (tricotomia/assépsia)	C/G			
Posicionamento do paciente na mesa de cirurgia	C/G			
Abertura dos pacotes cirúrgicos e layout do kit cirúrgico	C/G			

1. Competências Práticas

3. Tratamento	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Execução de procedimento cirúrgico				
Ovariohisterectomia	C/G			
Orquiectomia	C/G			
Laparotomia	C/G			
Participar numa orquiectomia num equino	E			
Participar em 3 cirurgias de referência (incluindo uma ortopedia)	C/G			

Nome: Nº: Assinatura:

1. Competências Práticas

3. Tratamento	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Participar em 3 cirurgias de tecidos moles	QE			
Monitorização pós-cirúrgica do animal	QE			
Aconselhamento pós-cirúrgico (cicatrização, alimentação, reabilitação)	QE			
E. Eutanásia	**(n=1)**			
Participar numa eutanásia e fundamentar a opção e métodos utilizados	QE			
Correcto manuseamento dos animais e do equipamento/produto utilizado na eutanásia	QE			

1. Competências Práticas

3. Tratamento	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Acondicionar os cadáveres apropriadamente	QE			
F. Cuidados enfermagem				
Realização de pensos	**(n=3)**			
Execução e remoção de um penso simples	C			
	G			
	E			

Nome: Nº: Assinatura:

1. Competências Práticas

3. Tratamento	Espécie	Data / Assinatura	Data / Assinatura	Data / Assinatura
Execução e remoção de um penso rígido	C			
	G			

Legenda:

C/G – Cão/Gato
Exo - Pequeno mamífero/ave/réptil
GA - Grande animal
Mon - Monogástricos
PA- Pequeno Animal
Poli – Poligástricos
QE - Cão, gato, cavalo, ruminantes, aves, pequeno mamífero, réptil
R – Ruminantes

Nome: Nº: Assinatura:

2. Outras Atividades Curriculares

Atividades práticas dentro do curso (dentro ou fora do local) supervisionadas por um professor

Outras Atividades Curriculares		
Descrição	Data	Assinatura

3. Atividades Extra-Curriculares

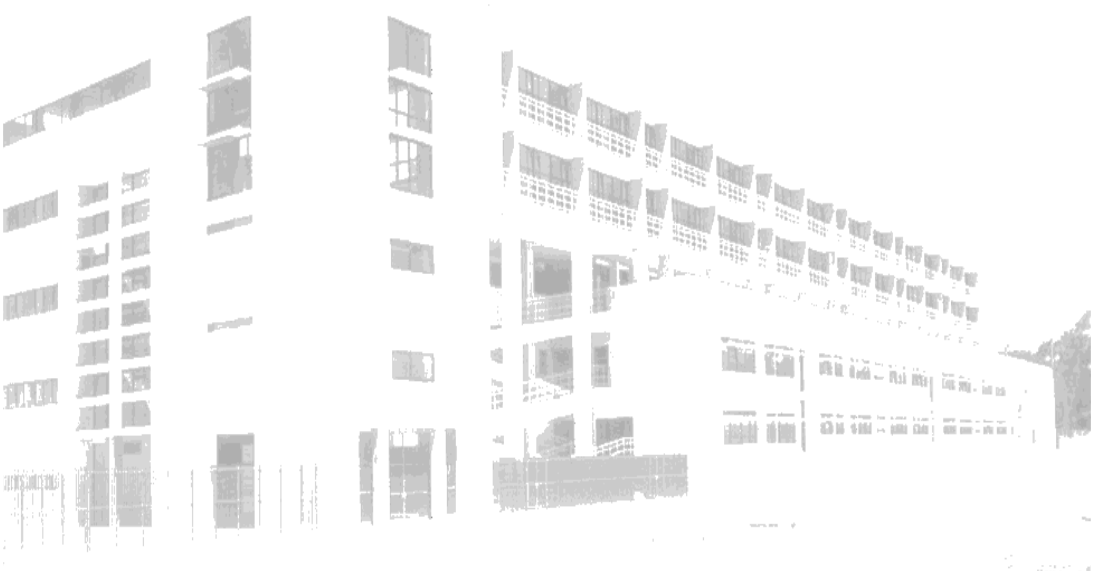
Atividades práticas dentro do curso (dentro ou fora do local) supervisionadas por um tutor

Atividades Extra- Curriculares		
Descrição	Data	Assinatura

4. Formação Complementar

Inclui participação em grupos de trabalho, congressos, cursos e outros eventos de formação contínua

Formação Complementar		
Descrição	Data	Assinatura



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SELF EVALUATION REPORT

EAEVE - LISBON 2017

APPENDIX 8b

Logbook (In English)

Integrated Master in Veterinary Medicine – FMV – Ulisboa

Logbook (English version)

	GENERAL COMPETENCES				
	Date/Signature	Date/Signature	Date/Signature	Date/Signature	Group activity
Database search activity					
Use of data analysis software					
Data entry of clinical cases in a computer file					
Write a discharge letter using the medical record system					
Prescription of a diagnostic exam					
Drug prescription					
Prescription of a medicated food					
Magistral preparation prescription					
Write a health certificate					

1. Assessment of the Animal	PRACTICAL SKILLS					
	Specie	Date/Signature	Date/Signature	Date/Signature	Date/Signature	Date/Signature
A. Handling and Restraint						
Handling and restraint of companion animals/exotics						
Appropriate approach to the animal and recognition of the rejection reaction	D/C					
	Exo					
Collocation/removal of the animals in/from the cage/transport box	D/C					
	Exo					
Collocation of the muzzle	D					
Collocation of the E-Collar	D/C					
Animal restraint (clinical exam, blood and urine collection)	D					
	C					
	Exo					
Handling and restraint of large animals						
Appropriate approach to the animal and recognition of the rejection reaction	H					
	R					
Collocation of the bridle and hand walk (walk and trot)	H					
Animal restraint (nose lead/bridle/ear twitch/etc.)	AK					

(clinical exam, blood and urine collection, drug administration,						
treatments, dressings)						
B. Data collection						
Gathering the medical history/anamnesis and characteristics of the surrounding environment	n=3					
Individual animal	AK					
Group of animals	H/R/P					
C. General Exam						
Measurement and evaluation of the vital signs						
- Rectal temperature	D/C/Exo					
	R/H/P					
- Cardiac and respiratory rate	D/C/Exo					
	R/H/P					
- Mucous membrane colour and capillary refill time	D/C/Exo					
	R/H/P					
- Arterial pulse rate	D/C/R/E					
- Pain	D/C/Exo					
	R/H/P					
General appearance exam	3 SA/2 LA					
- Dehydration status						
- Body condition/state of nutrition						
- Animal welfare/pain evaluation						
2. Clinical decisions						
Make a list of problems in 3 different cases	AK					
Make a list of differential diagnostics in 3 different cases	AK					
Choose the appropriated diagnostic tests in 3 different cases	AK					
Follow through 3 different cases during treatment	AK					
Discuss the progression of a case with 1 client, attending the owner's concerns, financial aspects, empathy with the owner	AK					
Discuss with the clinic the instructions of high clinic in 3 cases	AK					
Discuss the follow up performed by phone in 1 case in order to evaluate the progression/resolution	AK					

Participate in 3 cases of primary care (vaccination, etc.)	AK					
Participate in 3 clinical cases of reference	AK					
A. Collection and manipulation of samples for diagnostic purposes						
Blood	AK					
Urine	AK					
Skin	AK					
Tissues/Body fluids	AK					
Biopsy (FNAB, Punch, Excisional)	AK					
Obtaining a swab for microbiological analysis	AK					
Obtaining a stool sample	D/C/R/H					
Obtaining a cloacal sample	B					
Obtaining a milk sample for mastitis diagnostic purposes	R					
Appropriated selection of collection tubes and packaging different samples	AK					
Blood and body fluids	AK					
Tissue sample	AK					
Sample for microbiological exam	AK					
B. Using the equipment for imagiological diagnostic and interpretation of the signs	n=3					
Radiological protection (knowledge and correct use of gloves, apron and thyroid collar)	AK					
Positioning the animal for the X-ray and use the restraint accessories	D/C/H					
Selection of the radiographic constants and appropriated cassette	D/C/H					
Preparing animals for an echography and witness the exam	D/C/H					
C. Performing a post-mortem exam	n=3					
Performing a necropsy	B/R/nR					
3. Treatment						
A. Medical emergencies						
Recognising life-threatening situations and initiating appropriated treatment, examples:	3 SA e 3 LA					
Loss of consciousness						
Shock						
Bleeding						

Wounds						
Intoxications						
Heat stroke						
Bloated stomach in dog						
Bovine toxic mastitis						
Horse colic						
Bloat in ruminants						
B. Drug administration and fluidoteraphy	n=3					
Drug administration: via oral						
Pills	D/C					
Paste	R/H					
Drug administration: via parenteral						
subcutaneous	D/C					
	R/H					
intramuscular	D/C					
	R/H					
intravenous	D					
	R/H					
Fluid-therapy administration and monitoring	n=3					
C. Anaesthesia						
Performing sedation	3 SA/2 LA					
Endotracheal intubation	3 SA					
Collocation of the pulse oximeter and the oesophageal stethoscope	3 SA					
Anaesthesia maintenance and monitoring	3 SA/1 LA					
Recognition, grading and management of pain in the peri-operative period	n=3 (AK)					
D. SURGERY						
Good practices in pre-operative procedures	n=3					
Surgical preparation as surgeon's assistant						
Preparation of the animal and operative field trichotomy/asepsis)						
Positioning the patient on the surgical table						
Opening the surgical packages and layout the surgical kit						

Execution of surgical procedures						
Ovariohysterectomy	D/C					
Orchiectomy	D/C					
Laparotomy	D/C					
Participate in an orchiectomy	H					
Participate in 3 surgeries of reference (including one orthopaedic)	D/C					
Participate in 3 surgeries of soft tissues	D/C					
Post-operative monitoring of the animal	n=3					
Post-operative advisement (cicatrisation, feeding, rehabilitation)						
E. Euthanasia	(n=1) AK					
Participate in a euthanasia and justify the choice and used methods						
Appropriated handling of the animals and equipment/product used in the euthanasia						
Packing the corpses appropriately						
F. Nursing care						
Performing dressings/bandages	n=3					
Execution and removal of a simple dressing	D					
	C					
	H					
Execution and removal of a rigid dressing	D					
	C					
	H					

Legend

SA	small animal	P	pig
LA	large animal	C	cat
R	ruminants	D	dog
Exo	small mammal/bird/reptile	AK	any kind
H	horse	B	bird

Practical activities within the course (in or out of the location) overlooked by a teacher

OTHER EXTRACURRICULAR ACTIVITIES		
Description	date	signature

Practical activities within the course (in or out of the location) overlooked by a tutor

OTHER EXTRACURRICULAR ACTIVITIES		
Description	date	signature

FURTHER EDUCATION*		
Description	date	signature

* Includes participation in work groups, conferences, courses and other events of continuous education

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APPENDIX 9

Competencies of the masters in Veterinary Medicine

Competencies of the masters in Veterinary Medicine by FMV-ULisboa

The FMV through the Integrated Master in Veterinary Medicine (IMVM) aims to provide adequate veterinary education, ethical and based on scientific research and hands-on practical training that enable the graduate to pursue the profession in all its aspects. This training covers all areas of veterinary science described in Directive 2005/36 / EC and is based on scientific knowledge and proven experience, providing students with opportunities for learning and creating study habits that last throughout life.

The MIMV has the following general and specific objectives:

a) General objectives:
i) To apply their knowledge and their ability to understand and solve problems in new situations in wide multidisciplinary contexts, in the field of Veterinary Science.

ii) To integrate knowledge, handle complex issues, propose solutions and make judgments in situations of limited or incomplete information, including reflections on the implications and ethical and social responsibilities that result from those solutions and judgments.

iii) To be able to communicate their conclusions, findings and conclusions, and and the knowledge and rational underlying them, in a clear and objective manner.

iv) To develop the skills that enables them to an autonomous lifelong learning.

b) Specific objectives:

i) To ensure the health and welfare of animals;
ii) To contribute to a sustainable, competitive animal production, preserving the environment;
iii) To protect Man from zoonosis;
iv) To ensure the quality and safety of animal products.

In order to ensure that these goals are achieved, the Scientific Council of FMV, on May the 10th 2000, approved the list of competencies that the graduates in Veterinary Medicine should hold at the time of graduation, which was revised in July the 30th, 2014, for the masters in Veterinary Medicine, in accordance with the Bologna Process, as follows:

The masters in Veterinary Medicine will:

1	**Basic training and competencies**	DOS*
1.1	**Scientific**	
1.1.1	Have knowledge on basic sciences underpinning the applied Veterinary Sciences.	2.2.1
1.1.2	Have the general knowledge to understand the applied biomedical sciences.	
1.1.3	Have detailed knowledge of the morphology, function and life cycle of healthy animals and their husbandry.	2.2.4
1.1.4	Have thorough knowledge of the etiology, pathogenesis, clinical signs, diagnosis and treatment of common diseases of domestic animals.	2.2.5
1.1.5	Have thorough knowledge of the principles of disease prevention and health promotion and welfare.	2.2.8
1.1.6	Have a thorough knowledge of the topics of veterinary public health, including zoonosis.	2.2.9
1.1.7	Be able to apply scientific methods and recognize the contribution of research to the development of Veterinary Science.	2.2.2
1.1.8	Be able to use updated technologies to obtain scientific information.	2.2.3
1.1.9	Be able to critically evaluate a scientific article and write a technical/ scientific report.	

1.1.10	Understand the social, economic, environmental and ethical implications and responsibilities resulting from the use of new technologies.	
1.1.11	Be willing to use their professional skills to contribute for the advancement of knowledge of the Veterinary Sciences.	2.1.6
1.2	**Social and professional Competences**	
1.2.1	Be aware and act in accordance with ethical, legal and professional standards required in the exercise of their professional activities, including those related to the possible impact on the environment and society as a whole.	2.1.4 2.1.9
1.2.2	Have knowledge of the rules of dialogue as an instrument of social connection. Communicate effectively with clients, colleagues, authorities and the general public, both nationally and internationally. Have the basic knowledge of English as a universal language.	2.1.1
1.2.3	Recognize and respond appropriately to the emotional and economic environment where the veterinary surgeon operates.	2.1.5
1.2.4	Recognize personal limitations and know when and where to seek professional advice, assistance and support.	2.1.11
1.2.5	Be able to cope with uncertainty and adapt to change.	2.1.10
1.2.6	Understanding the need and professional obligation for a commitment to continuing education to ensure the update of its scientific and professional training throughout one's life.	2.1.8
1.2.7	Know the rules and the importance of a correct relationship with other professions and the importance and principles of working in multidisciplinary teams.	
1.2.8	Have basic knowledge of the official veterinary services.	2.1.12
1.2.9	Work as a member of a multidisciplinary team.	2.1.3
1.2.10	Have sufficient knowledge of the organization and management of a company / veterinary clinic, including labor and safety legislation, taxation and security.	2.1.7
1.2.11	Be aware of the legislation and official guidelines for the activities under the responsibility of a veterinarian, including aspects relating to animal welfare, the notifiable diseases and use of medicines	2.2.6 2.2.7
1.2.12	Prepare clear technical reports and clinical records in a rigorous and understandable way to colleagues and to the public.	2.1.2
2	**Technical competencies**	
	The following technical competencies intend to make sure that the training given to the students cover all areas of intervention of the veterinarians, namely in clinics, herd health, inspection, technology and animal production, including competencies of multidisciplinary spectrum.	
2.1	Be proficient in the evaluation of the animal health status, specially of farm animals and companion animals.	
2.2	Be proficient in the evaluation of abnormal behaviors, indicators of the absence of well-being and be aware of the ethical and legal principles underlying animal welfare.	
2.3	Be capable to use the techniques for identifying, handling, containment and transport of animals, especially of livestock species and companion.	2.3.2
2.4	Be able to plan and execute a clinical examination including:	2.3.3
2.4.1	Use adequate social and communication skills in order to obtain the relevant information pertaining to the health and environmental conditions of the animals.	2.3.1 2.3.3
2.4.2	Apply the methods of semiotic exploration, physical and laboratory, applicable in Veterinary Medicine	2.3.3
2.4.2.1	Perform the most common and / or essential methods;	2.3.3
2.4.2.2	Use safely and in accordance with standards of good practice, radiographic, ultrasonic and other equipment to aid the diagnosis.	2.3.7

2.4.2.3	Apply the rules for sampling, preparation and dispatch of material for diagnostic exams;	2.3.6
2.4.2.4	Interpret the respective results.	2.3.6
2.4.2.5	Perform and evaluate the post mortem examination, including collection, storage and transport of samples and the writing of its final report	2.3.16
2.5	Diagnose the most common diseases, including notifiable in the country and those listed in Schedules Office International des Epizooties and other more common diseases in Portugal and in the European Union.	
2.6	Act in emergencies, providing first aid and procedures for basic life support for all common domestic animals.	2.3.4
2.7	Know how to prevent and treat the most common diseases in the country, including:	
2.7.1	Apply the principles of medical prophylaxis.	
2.7.2	Know the available and licensed medicines; prescribe and dispense medicines correctly and responsibly and have knowledge of their incompatibilities, implications for public health and their forms of storage and destruction.	2.3.10
2.7.3	Advise and administer treatments prescribed appropriately.	2.3.14
2.7.4	Perform the procedures for sedation, general and regional anesthesia, and assess and manage pain.	2.3.13
2.7.5	Perform the most common surgical interventions and master the aseptic techniques required for this purpose, including the sterilization of surgical equipment.	2.3.11 2.3.12
2.7.6	In case of clinical failure, learn to assess the situation based on previous observations and / or results of the autopsy.	
2.8	Formulate predictions, taking into account the probability of success in the development of clinical cases.	
2.9	Recognize when euthanasia is necessary, applying the proper and safe method that does not cause unnecessary suffering to animals and respects the sensitivity of the owners and others; advise on the fate of the carcass.	2.3.15
2.10	Minimize the risk of contamination, cross infection and accumulation of pathogens in facilities under the veterinarian and on farms.	2.3.20
2.11	Apply the basic principles of epidemiology descriptive, analytical and operational.	
2.12	Collect and interpret epidemiological data related strategies monitoring and surveillance for the prevention, control and eradication of communicable diseases.	
2.13	Assess and prevent risks associated with the entry of animal species in national territory	
2.14	Advise and delineate health programs.	2.3.19
2.15	Follow correct procedures for diagnosing and reporting of notifiable diseases in Portugal and know the legislation on animal health in force in Portugal and in the European Union.	2.3.8
2.16	Analyze and execute the laws relating to food safety, including:	2.3.17
2.16.1	Identification of products of animal origin intended for consumption.	2.3.17
2.16.2	Perform ante and post mortem inspection of animals in livestock species and identify the conditions that affect the quality and safety of products of animal origin, including the adoption and application of criteria and legal decisions relating to sanitary inspection acts.	2.3.17
2.16.3	Check the health status of the sites, equipment and personnel in slaughter lines and knowledge of protocol procedures in case of need for intervention by rupture of the hygienic condition.	2.3.17
2.16.4	Be familiar with conservation techniques and distribution of fresh or processed animal products	
2.17	Know the principles and the methods most commonly used in the production and conservation of food of animal origin.	

2.18	Apply the basic principles of proactive food safety systems.	
2.19	Know how to use the principles of premises examinations.	
2.20	Be familiar with the techniques to assess the quality and to determine nutritional and dietary value of foods of animal origin.	
2.21	Know the procedure of the general procedures relating to official certification of animal products.	
2.22	Be aware of the productive skills and morphological characteristics of the various species and national breed and the most frequent in foreign country.	
2.23	Collect, evaluate and record the main production indicators, health and wellness, and learn to set and evaluate animal production systems.	2.3.18
2.24	Be able to collect, evaluate and record reproductive parameters in an animal / effective.	
2.25	Be aware of the potential application of reproductive technology and know how to apply the most current ones and advise on their use.	
2.26	Be aware of the techniques of conservation and improvement of the genetic heritage of animal populations	
2.27	Collect, preserve and transport samples, request laboratory analyzes and interpret the respective results for the evaluation of the nutritional and hygienic quality of each type of feed.	2.3.6
2.28	Assess the nutritional status of the animals, and know the principles and techniques of supply, formulation and preparation of feed. Advise on feeding and husbandry strategies.	2.3.5
2.29	Advise and establish programs on care accommodation, dietary, reproductive, the parasitic and microbial control measures for animal livestock species and companion.	2.3.19
2.30	Know the areas of application of the methods and techniques of hygiene and environmental toxicology related to animal remains, as well as the effluents of animal origin and animal industries	
2.31	Be familiar with the parameters of quality and economic value of animal products.	
2.32	Have knowledge of the basic principles to be observed in designing facilities for animals	
2.33	Perform the certification procedures in several areas of Veterinary profession	2.3.9

*Day-one skills as defined by EAEVE in 2012

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APPENDIX 10

Courses, seminars and workshops offered in the last 3 academic years

Appendix 10

Courses, seminars and workshops offered in the last 3 academic years

Lifelong learning courses proposed to students (not compulsory)

Subject:	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**
Horse feeding	8							8
Antibiotherapy of pets, birds and exotic	10			4				14
Cardiorespiratory evaluation, endoscopy and ultrasound of the musculoskeletal apparatus in the horse	8					16		24
Body condition in horses	2				2			4
Reconstructive surgery on dogs and cats - head and neck	5	2			7			16
Practical approach to biosecurity in poultry production	5			5	3			16
Dermatology	9	4		3				16
Laboratory animal science	42		47		6	5		100
Clinical immunology	12							12
Non-evasive maxillofacial osteosynthesis in dogs and cats	3	1			7			11
Medicine and management in rabbit production	4				3			7
Scientific bases for Brava breed selection	27							27
Therapeutic strategies in dogs and cats - Ophthalmology module	9					3		12
Necropsies in ruminants	8				4			12
The horse seen by Inside	9							9
Management of a Stud farm	14							14
Reproduction in dairy cattle	10							9
Reproduction in Beef cattle	9							9
Traditional Portuguese meat products: strategies to improve safety and quality	8							8
Calf husbandry	12							12
Calf diseases and husbandry	9					3		12
Pig feeding	70							70

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APPENDIX 11

Answers and explanations provided by the Dean and the SC and PC presidents to the Advisory Board

Appendix 11

Answers and explanations provided by the Dean and the SC and PC presidents to the Advisory Board (complementing 3.3. Suggestions of improvement)

The Dean and the SC and PC Presidents answered some of the comments/suggestions, aiming to share information and finding solutions to the problems identified:

1. The communicational problem and the low social maturity are in fact a generational problem. In spite of several oral examinations and presentations requested during the programme and the mandatory public presentation and discussion of the final dissertation generally considered to be of a high technical and communicational level, there will certainly be room for initiatives aimed at improving communication techniques and relationship with others.
2. Low social maturity is a reflection of current society, and it is difficult for FMV to intervene effectively in this reality. The presidents of FMV's governing bodies participate in reception activities organized for fresher' and initiatives to promote FMV programmes to future students, emphasizing the importance to acquire not only a very good technical training but also soft skills that will allow them to properly deal with colleagues, other professionals, clients and society, ensuring that they will not only be excellent veterinary but also exemplary citizens.

3. The very high demand for the area of Companion Animal Clinic is again the result of the society perception regarding Veterinary Medicine but also of market demand and the urban origin of the majority of students. Several initiatives take place explaining the different professional areas and their relevance to society, namely masterclasses with veterinarians working in other professional areas, but students' adherence and outcomes are not encouraging. The reformulation and strengthening of these actions may improve this scenario.

4. In the *curriculum*, some of the suggested themes are already addressed but may be reinforced, namely:

a) The themes of Production (Animal Production II and electives) and Health (Herd Heath), Aquaculture and Management (Economics and Management) are already addressed but can be strengthened, namely regarding the diseases of aquaculture animals;
b) Apiculture is addressed in Parasitology I, Pathology and Clinics of Parasitic Diseases, Herd Health and in an elective US;
c) Legislation is addressed in many US, namely in the terminals;
d) Communication begins to be approached in the 1st year (Biomathematics, Computing and Documentation), then in the 3rd year students have two cycles of seminars on "Professional Communication" in Clinical Rotations I and II, and perform theatrical anamnesis representations at the VTH. Professional communication tool are developed in 4th and 5th years in several US in direct contact with clients. A pioneering project for the use of the RIASWorks program in the practical teaching of Clinical Rotations I and II is being implemented, with the collaboration of the Faculty of Pharmacy of ULisboa (students will be filmed while doing anamnesis simulations, then their body language and phrases will be coded and analysed by RIASWorks software to identify postures and verbal communication to improve);
e) Careers opportunities are approached since the 1st year in several US, but they can be the target of a greater intervention;
f) The Omics are already addressed in some US (Molecular Cell Biology, Genetics and Animal Breeding), and should receive further development.

5. The change in the positioning of the unit "Deontology and Bioethics" from the 1st to the 5th year has already been discussed. It only remains to identify which US of the 5th year can be anticipated to reinsert "Deontology and Bioethics" in the 5th year. This situation will be amended in the next curricular revision.

6. The introduction of short internships (1 week) in the first two years of IMVM is complex to achieve because of the number of students involved and the limited period of the Internship, which entails a lot

of integration work by farmers with few benefits for them. Although compulsory, it may eventually be carried out during holiday periods and credited in the logbook.

7. The rearrangement of the US of the scientific area of Clinic concerning areas of specialization will be discussed at the Clinical Department.

8. The "One Health" approach has deserved the best attention and effort on the part of FMV and a coordinated effort is done by the Study Coordinators of each scientific area to foster this approach in teaching. Unfortunately, the Human Medicine sector has not responded in the way we think it is necessary. We will continue to make all efforts in this direction.

9. The research carried out at FMV, of a fundamental or applied nature, is advertised in the form of scientific and technical publications and training actions. Perhaps these are not enough or the most suitable means to reach out the veterinarians, so more appropriate ways should be analysed to guarantee this important knowledge transmission.

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APPENDIX 12

Special application regimes for the admission procedures

Appendix 12

Special application regimes for the admission procedures

Beyond the general access described in 7.1.2., there are still some extra vacancies for special application regimes:

a) Students older than 23 years - for students who: are 23 years old by December 31st of the preceding year; have Portuguese nationality, are national of a Member State of EU or have been legally resident in Portugal for more than two years, uninterruptedly; and do not meet the requirements to apply for the general access. Selection Criteria for these students include two written tests to assess specific knowledge of Chemistry and Biology, an interview and curricular appreciation (2 vacancies).

b) Programme/institution transfer - students who have been previously enrolled in a IMVM or in a different programme at another Higher Education Institution may apply for enrolment in the FMV's IMVM. Candidates will be selected on the base of their classifications on the secondary education and on the units of study they have accomplish on the course where they come from (2 vacancies).

c) Holders of the degree in Veterinary Medicine (pre-Bologna) (4 vacancies).

d) Other special regimes - Portuguese Diplomatic Mission Abroad, Portuguese Fellows Abroad and Officials in Official Mission Abroad, Officers of the Portuguese Armed Forces, National scholarship holders of Portuguese-speaking African countries, Accredited Diplomatic Mission in Portugal, High Performance Sports Practitioners, Naturals of East-Timor and their Children. These students are selected by the General Directorate of Higher Education (5 vacancies maximum).

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APPENDIX 13

Programme for the appraisal of academic and support staff

Appendix 13

Programme for the appraisal of academic and support staff

The performance evaluation of academic staff is founded on a multi-criteria model for additive aggregation of values obtained in the various components, built according to the principles of Decision Analysis and the Theory of Multi-criteria Value. This model produces a global optimizing weighting that maximizes the intermediate classification (IC). The final teacher's classification (FC) is obtained based on this IC as showed below:

i) FC = 'Excellent' if IC > 80

ii) FC = 'Very Good' if 40 ≤ IC <80

iii) FC = 'Good' if 20 ≤ IC <40

iv) FC = 'Inadequate' if IC <20

For the triennium 2013 to 2015 this scale was improved, and basically the standards were raised, being the final classification obtained as follows:

i) FC = 'Excellent' if IC ≥ 100

ii) FC = 'Very Good' if 60 ≤ IC <100

iii) FC = 'Good' if 40 ≤ IC <60

iv) FC = 'inadequate' if IC <40

For the triennium 2016 to 2018, this scale standards were raised again, being the final classification obtained as follows:

i) FC = 'Excellent' if IC ≥ 110

ii) FC = 'Very Good' if 70 ≤ IC <110

iii) FC = 'Good' if 50 ≤ IC <70

iv) FC = 'inadequate' if IC <50

The classification on the top grade (excellent) in two successive 3-year periods should imply the increase of the salary in one step within the category to which the teacher belong (Full, Associate or Auxiliary Professors; each category has 3 steps).

The performance evaluation of support staff

The evaluation of senior and middle managers is performed on termination of service commissions, in accordance with the respective regulations, or at the end of the period for which managers were appointed. The evaluation of employees, focus on the results obtained in individual goals, established in articulation with the objectives of the respective service, and on several competences, including knowledge, technical capacity and behaviour patterns in the performance of duties. The first parameter is allocated a minimum weighting of 60% and the second a maximum weighting of 40%.

The process begins with the definition of the objectives and competences for the period (2 years), preferentially by agreement between the evaluator and the worker. At the end, the fulfilment of these goals and competences is evaluated and a classification attributed within a scale of Relevant (final evaluation of 4 to 5), Appropriate (final evaluation of 2 to 4) or Inadequate (below 2). SIADAP establishes a performance differentiation system, for system equity purposes, which allocates maximum percentages (quotas) within defined populations of workers:

- Relevant performance – <25%
- Recognition of professional merit (Excellent performance) – <5%