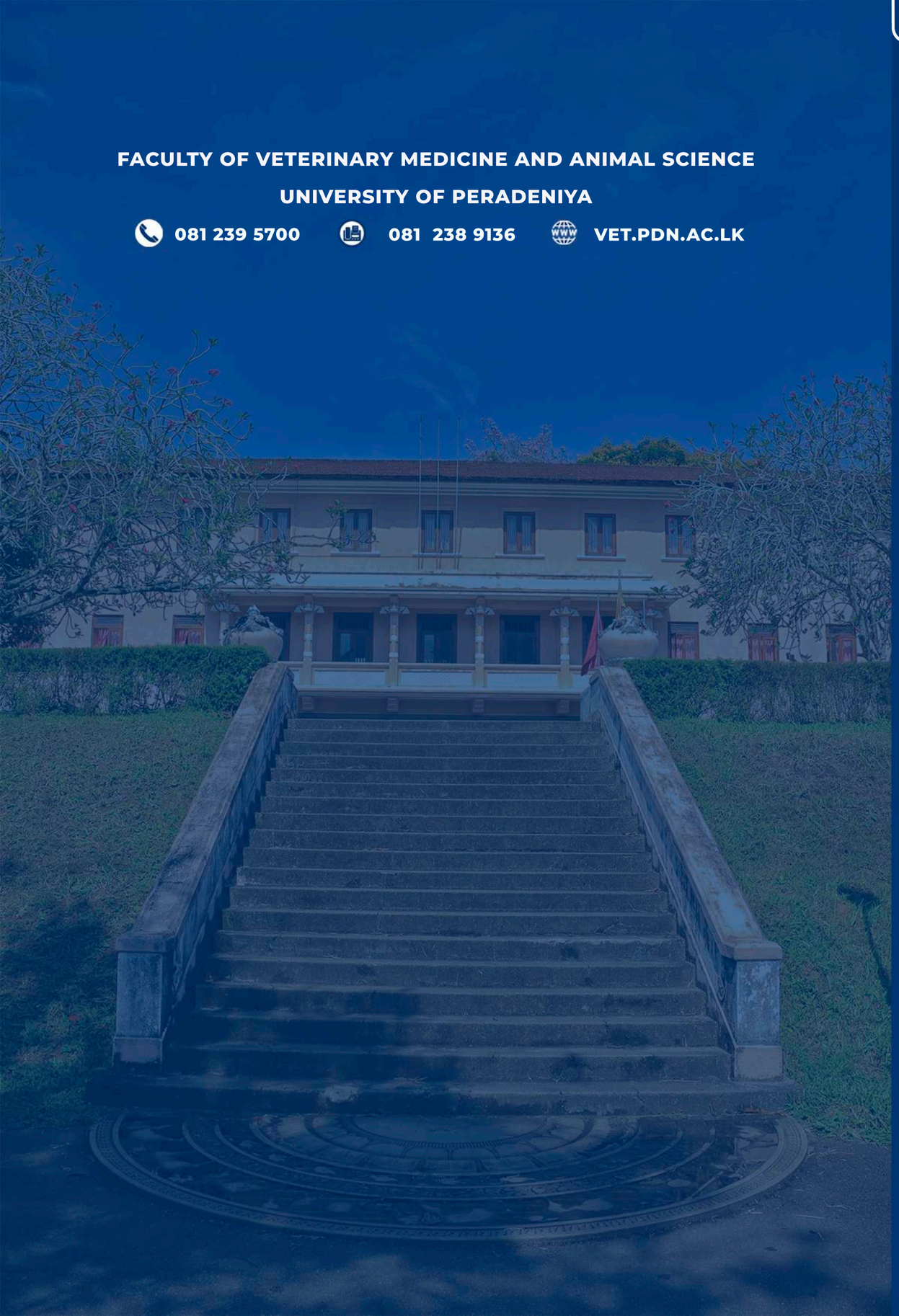
FACULTY OF VETERINARY MEDICINE AND ANIMAL SCIENCE
UNIVERSITY OF PERADENIYA
081 239 5700 081 238 9136 VET.PDN.AC.LK



BACHELOR OF VETERINARY SCIENCE

STUDENT HANDBOOK

BATCH 2024/2025

FACULTY OF VETERINARY MEDICINE AND ANIMAL SCIENCE
UNIVERSITY OF PERADENIYA

MESSAGE FROM THE VICE CHANCELLOR

I am pleased to extend a warm welcome to the 2023/2024 batch of students joining the Faculty of Veterinary Medicine and Animal Science at the University of Peradeniya.

The University of Peradeniya continues to be one of the country's leading higher education institutions. With nine faculties offering a wide range of academic programmes, the University has consistently produced graduates who have excelled in their respective fields and made significant contributions to national development.

Your selection to pursue Veterinary Medicine and Animal Science at Peradeniya is a reflection of your dedication and academic excellence. You are about to embark on a challenging yet rewarding professional journey that will prepare you to serve the nation's animal health and production sectors with competence and commitment.

The Faculty of Veterinary Medicine and Animal Science enjoys a strong reputation both locally and internationally. You will learn from a team of highly qualified academics and gain hands-on experience in well-equipped laboratories, teaching hospitals, and field stations. The University's scenic setting—nestled at the foot of the Hanthana mountain range—provides an inspiring environment for study and personal growth.

University life, however, is much more than lectures and examinations. I encourage you to actively engage in sports, cultural events, and community service, and to build lasting relationships with your peers and teachers. Strengthen your communication, leadership, and interpersonal skills, as these qualities will help you become well-rounded professionals and responsible citizens.

This handbook provides essential information about the University, the Faculty, your academic programme, regulations, by-laws, and available facilities. Please read it carefully and refer to it throughout your academic journey.

I wish you every success in your studies and a truly enriching university experience.

Professor W.M.T. Madhujith

Vice-Chancellor

University of Peradeniya

MESSAGE FROM THE DEAN

The Faculty of Veterinary Medicine and Animal Science at the University of Peradeniya is a very unique higher education institution established within Sri Lanka because it is the only institute which offers the Bachelor of Veterinary Science (BVSc) degree to prospective undergraduates who have the passion and desire to become veterinary professionals. This revised version of the handbook contains the general organizational structure of the Faculty and information about the five departments along with the centres and units. Also, it contains the detailed curriculum of the faculty and other information about recreational facilities, student societies, student accommodation, health services and a comprehensive overview of the by-laws operating within the University and the Faculty with regard to student discipline and examinations.

The BVSc degree program was revamped in 2020 and a new five-year curriculum was introduced. This was facilitated through a twinning program carried out between Massey University, New Zealand, and the University of Peradeniya under the purview of the World Organization for Animal Health (WOAH). This particular curriculum underwent some minor revisions to make the delivery of the desired outcomes more effective.

Before the academic program begins, the students have to undergo a mandatory Pre-Vet Program. At the end of the program, the students will be placed in various veterinary establishments where they will be able to gain hands-on exposure to the profession. The formal academic program will commence with foundational studies, covering subjects such as Anatomy, Physiology, and Biochemistry. In addition to these subjects, the students will be exposed to animal behaviour, animal handling and clinical practice. Alongside lectures, there will be practical classes to equip the students with the foundational skills to ensure that they will be competent veterinarians in the future. In the second year, the students will have to undergo training in various disease processes through subjects like pathology, parasitology, bacteriology and virology. In addition to these, the foundational concepts in animal science which include farm animal management and nutrition are also introduced in this year. These core skills will be reinforced throughout the next two years through subjects like medicine, surgery, production, companion and wild animal health, public health and epidemiology among others. The fifth year is a lecture-free year where the students will engage in clinical practice with clinical rotations across a diverse number of fields related to Veterinary Medicine and Animal Science. Some rosters are elective which will provide the students with the opportunity to pursue knowledge according to their interests.

Thus, this course is created with the belief that it will instil the necessary skills and attitudes necessary for students to thrive and face the challenges they will face in the future as veterinarians whilst contributing to the economic development of the country.

Dr. A.W. Kalupahana

Dean

Faculty of Veterinary Medicine and Animal Science

University of Peradeniya

Contents

1 UNIVERSITY OF PERADENIYA

1.1 Physical Setting

The University of Peradeniya is located amidst great natural beauty just 8 km from the city of Kandy, the historic capital of the last independent kingdom of Sri Lanka**.** Access to the university premises is through the Galaha road, close to the Royal Botanical Gardens of Peradeniya, a popular tourist attraction, famous for its rare tropical plants and orchids**.** Peradeniya is 110 km from Colombo and can be reached within three and half hours by road or railway**.** The nearest railway station, **'**Sarasavi Uyana**'**, is located within the campus**.** The University is situated East and South of the Peradeniya town where the Colombo-Kandy Road crosses the Mahaweli River, the longest river in Sri Lanka**.** It straddles the valley of the Mahaweli and spreads part of the way up the Hanthana ranges on the East**.** The Mahaweli River flows across the campus towards the north enhancing the natural beauty of the university**.**

The area of land vested in the University is approximately 2500 acres, extending down the valley of the Mahaweli River from Hindagala to Peradeniya Bridge. About 300 acres have been developed to accommodate the faculties, halls of residence, staff bungalows, administrative offices and centres for extracurricular activities.

1.2 History

The origin of the University of Peradeniya runs back to the University of Ceylon established in Colombo in July 1942. After the lengthy battle of sites which took place in the State Council of then Ceylon and after lengthy deliberations, Peradeniya was selected as the preferred site to establish the new university due to its picturesque location, moderate climate and the

availability of adequate space. Sir Ivor Jennings, on his first visit to the campus site in 1944 stated that “No University would have such a setting.”

The architectural designs of the university were formulated by Shirley De Alwis and Sir Patrick Abercrombie under the meticulous direction of the first Vice Chancellor, Sir William Ivor Jennings. The university was officially and ceremonially opened and named the University of Ceylon, Peradeniya on 20th April 1954 by the Duke of Edinburgh. The University of Peradeniya was made an independent establishment under the name “University of Peradeniya, Sri Lanka” under section 139 (1) of the Universities Act (No 16 of 1978).

Initially, the faculties of Agriculture and Veterinary Science (1949), Arts (1952), Dental Sciences (1954), Medicine (1962) and Science and Engineering (1964) were established. The Faculties of Allied Health Sciences (2006) and Management (2015) were established relatively recently.

1.3 Climate

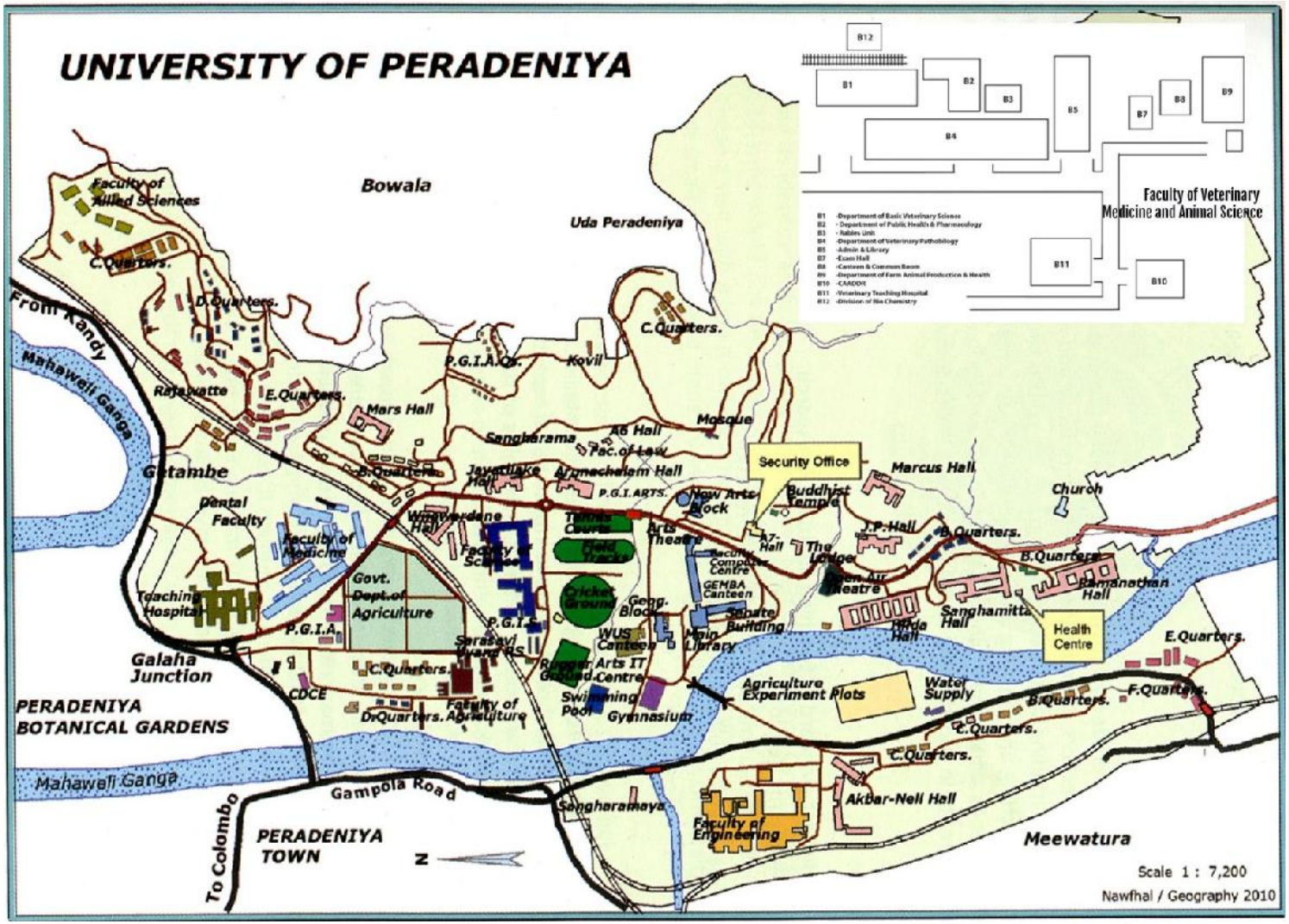
The university is situated at an elevation of 500-1000 meters above sea level and has a comfortable mild climate endemic to the Sri Lankan hill country. Peradeniya is in the wet zone of the country and receives a rainfall of 100 inches from the two monsoons spread throughout the year. There is usually a short dry season in January and February.

The environmental temperature fluctuates between 18-30 °C. Higher temperatures are usually experienced in the months from February to May with a progressively lower temperature in the second half of the year. The nights are cool, and the mornings are misty in the months of December and January.

1.4 University Park

The University Park has numerous trees, that have been planted at the commencement of construction of the university. Most of them flower in early March. The University Park flourishes with blossoming flowers from May to August. Flowers line the pathways of the university situated in the vicinity of the Faculty of Arts along the banks of the Mahaweli river. There are a variety of shade trees in the University Park including the forest reserve at the upper region of the Hantana range which covers about 350 acres.

1.5 Map


UNIVERSITY OF PERADENIYA
Faculty of Veterinary Medicine and Animal Science
Bowala
Uda Peradeniya
Faculty of Allied Sciences
C.Quarters.
D.Quarters.
From Kandy
Mahaweli Ganga
Getambe
Rajawatte
E.Quarters.
Mara Hall
P.G.I.A.Qs.
Kovil
C.Quarters.
Sangharama
A6 Hall
Mosque
Pac.of Law
Javatilake Hall
Aramechelam Hall
B.Quarters.
Security Office
Marcus Hall
Buddhist Temple
Church
P.G.I. ARTS.
New Arts Block
Dental Faculty
Wijewardane Hall
Tennis Courts
Field Tracks
Arts Theatre
A7 Hall
J.P.Hall
B.Quarters.
Faculty of Medicine
Faculty of Science
Faculty Computer Centre
The Lodge
B.Quarters.
Govt. Dept.of Agriculture
Cricket Ground
GEMBA Canteen
Open Air Theatre
Ramanathan Hall
Teaching Hospital
P.G.I.A.
P.G.I.S.
Gents Block
Senate Building
Sanghamitta Hall
Hilda Hall
Health Centre
Saraswi Uyana BS
WUS Canteen
Main Library
E.Quarters.
Galaha Junction
C.Quarters.
Rugger Arts IT Ground Centre
Agriculture Experiment Plots
Water Supply
B.Quarters.
F.Quarters.
CDCE
Faculty of Agriculture
D.Quarters.
Swimming Pool
Gymnasium
C.Quarters.
PERADENIYA BOTANICAL GARDENS
Mahaweli Ganga
Gampola Road
Sangharamaya
Akbar-Nell Hall
Faculty of Engineering
To Colombo
PERADENIYA TOWN
Meewatura
Scale 1 : 7,200
Nawfhal / Geography 2010

1.6 Vision, Mission, Values and Goals of the University

Mission

The mission of the University of Peradeniya is to contribute to national, regional and global society through the pursuit of education, learning and research, and the dissemination of knowledge at the highest international levels of excellence.

Vision

The University of Peradeniya's Vision is to provide a uniquely transformative experience for its students, staff and partners, whilst serving the public through producing and implementing innovative research and outreach programmes that are anchored in its founding values and principles.

In order to achieve this Vision, the University of Peradeniya thrives to be

- unparalleled in providing a range of innovative and appropriate learning and teaching programmes, including professional certification and outreach initiatives, that facilitates the transformation of talented students into thoughtful, and competent graduates who are socially-responsible, gender sensitive, environment-conscious and altruistic.
-
- noteworthy to its service to the general public, the nation, region and wider global community as an outstanding higher education institution.
- inspired in its research quality and impact, including through learning from indigenous and local communities, and for the international reputation earned its staff and alumni, who are also productively engaged in nourishing the aspirations, cultures and values of society
- qualitatively innovative in its sustained support for and empowerment of students and community members to successfully participate in the educational, cultural and social life of the University and thereby contribute to equitable and sustainable global development
- unmatched in the depth and mutuality of its partnerships with all key stakeholders to enhance the relevance and contribution of the education, training, certification, research, scholarship and dissemination of knowledge that it undertakes in order to fulfil national goals and maintain core values and principles
- excellent in achieving and sustaining stakeholder satisfaction and learning outcomes comparable to the best universities in the world

Values

- Highest standards of teaching, learning and research
- Academic freedom
- Integrity and transparency in all its functions
- Respect for cultural diversity

Goals

- Quality and relevance of all undergraduate and postgraduate programs in the University, enhance to achieve international recognition in higher education.
- Develop resources to enhance the quality of research contributing to the national and international requirements available.
- Enhance administrative and financial efficiency within the framework of corporate governance.
- Increase opportunities for a wider range of educational programs to contribute to the development of a knowledge- based society.
- Enhance Physical and human resources to offer a conducive and aesthetic environment for academic pursuits.

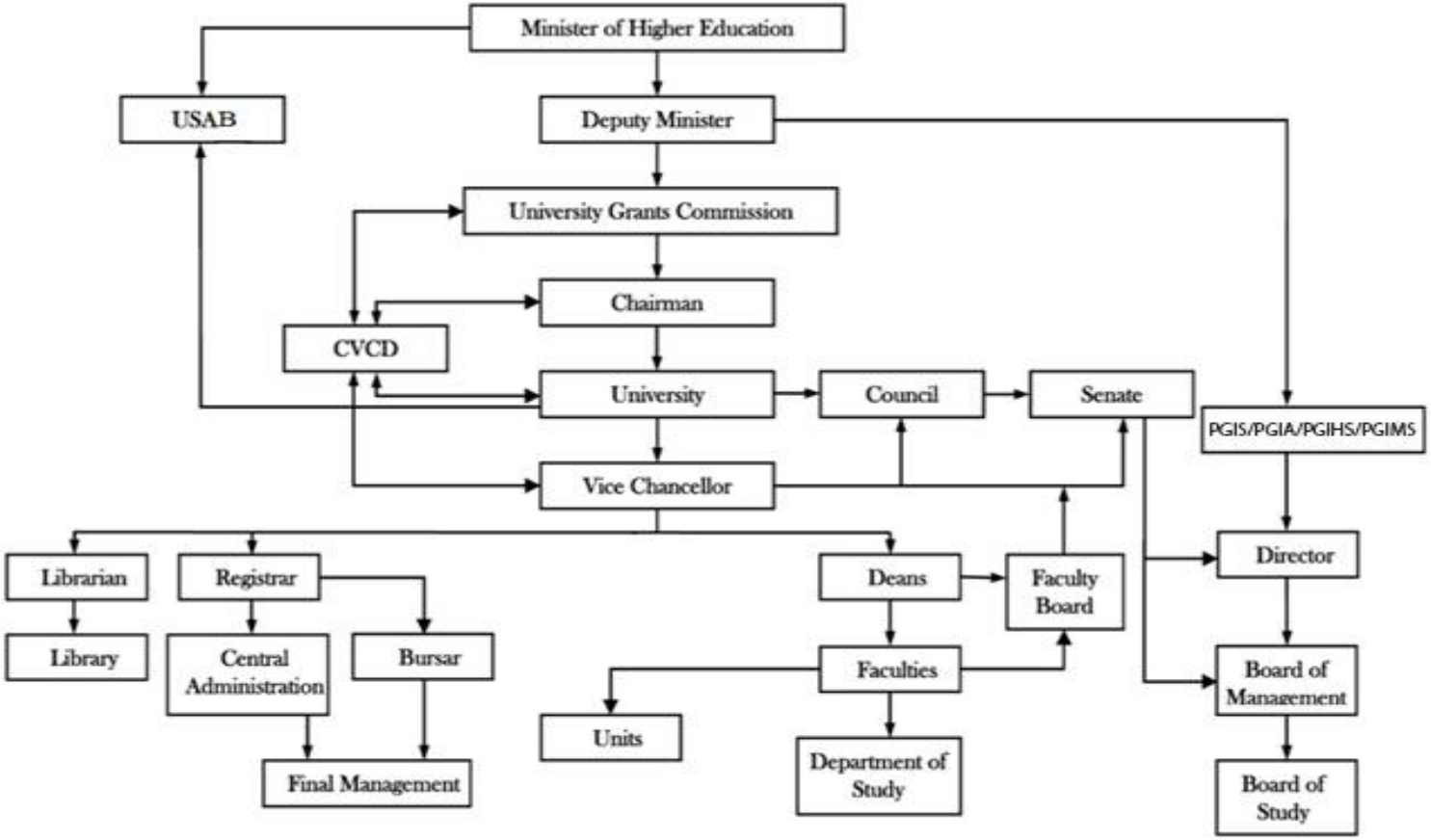
1.7 University Crest

In establishing its identity at its inception in 1942, the University of Ceylon decided that a coat-of-arms would not be in keeping with the traditions of an oriental country. Instead, it chose a symbol with a lion motif that has remained the university's logo over the years although small changes were made during its transformation into the University of Peradeniya.

The original logo of the university consisted of a lion the lion being the symbol of Sri Lanka- surrounded by a circle containing the Sanskrit motto *Sarasavi Locanam Sastram* (knowledge is the eye unto all) and the words University of Ceylon in English. Outside the circle was a design of *Pala Pethi*, a symbol of purity and wisdom in indigenous art, represented here by stylized lotus petals of the Kandyan period. The colours of the logo are gold on maroon.

In 1978, when the University of Peradeniya became an independent entity, the council adopted the logo of the University of Ceylon without the Sanskrit motto, but with the words University of Peradeniya in Sinhala, Tamil and English. The annual reports from 1979 came to carry the Sanskrit aphorism from *Hithopadesha*, *Vidya Dadati Vinayam* (knowledge gives discipline). In 1991, the Council decided to restore the original Sanskrit motto in the University logo. As it was observed that the shape of the *Pala Pethi* and the original colour combinations have changed over the years, the Council decided in 2011 to restore all the features of the Logo in accordance with its original design.

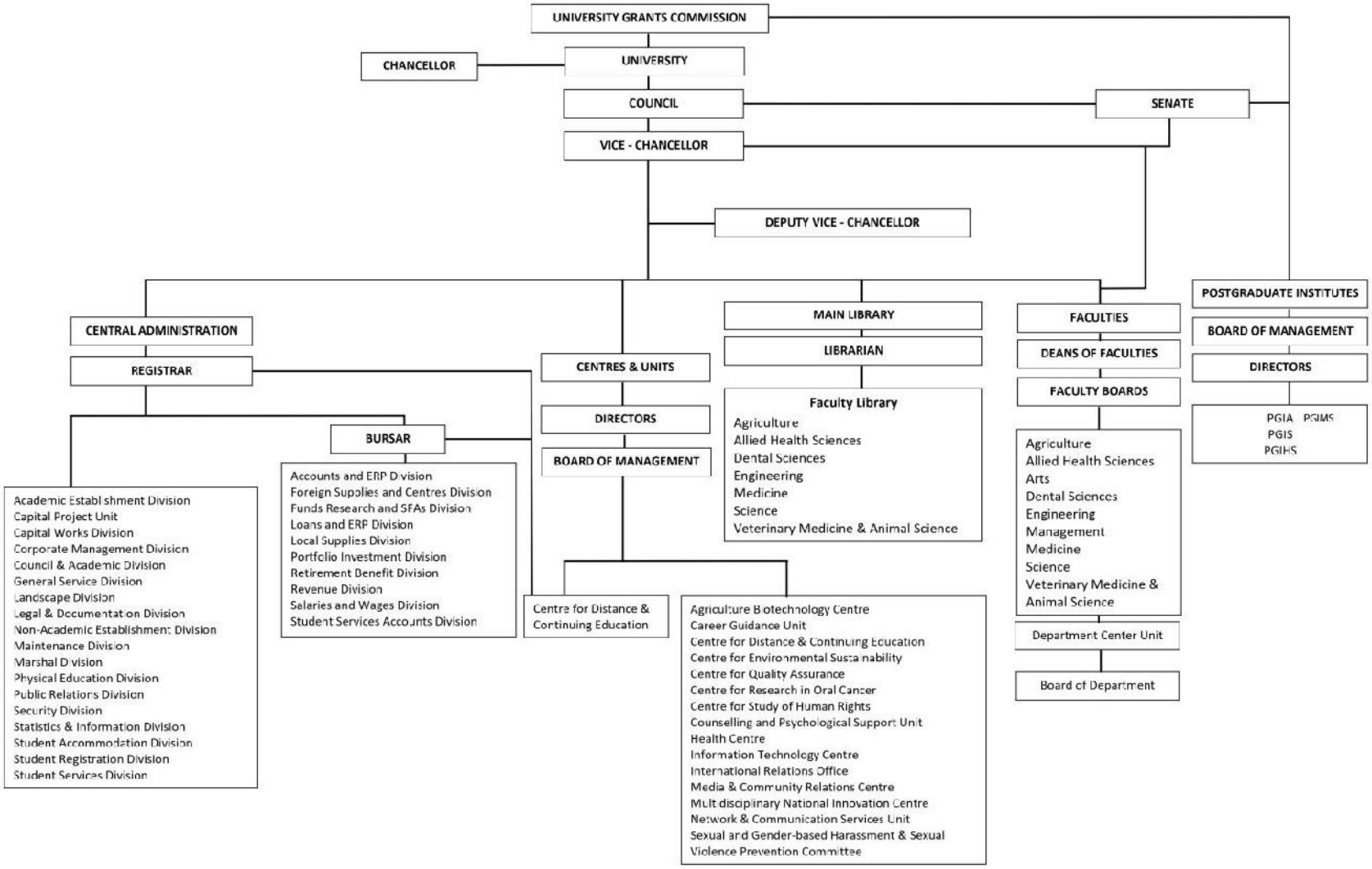
1.8 Organizational Structure of the Higher Education System of Sri Lanka



USAB - University Service Appeals Board
CVCD - Committee of Vice Chancellors and Directors
ELTU - English Language Teaching Unit

PGIA - Postgraduate Institute of Agriculture
PGIS - Postgraduate Institute of Science
PGISH - Postgraduate Institute of Humanities and Social Sciences
PGIMS – Postgraduate Institute of Medical Sciences

1.9 Organizational Structure of the University of Peradeniya



1.10 Faculties and Institutes

There are nine faculties and three postgraduate institutes in the University of Peradeniya.

1. Faculty of Agriculture
2. Faculty of Allied Health Science
3. Faculty of Arts
4. Faculty of Dental Sciences
5. Faculty of Engineering
6. Faculty of Management
7. Faculty of Medicine
8. Faculty of Science
9. Faculty of Veterinary Medicine and Animal Science
10. Postgraduate Institute of Agriculture
11. Postgraduate Institute of Humanities and Social Sciences
12. Postgraduate Institute of Science
13. Post Graduate Institute of Medical Sciences

2 Faculty of Veterinary Medicine and Animal Science

The Faculty of Veterinary Medicine and Animal Science is the only Higher Educational Institution in Sri Lanka which trains Veterinarians**. With the introduction of new curriculum, the degree of Bachelor of Veterinary Science (BVSc) was extended to a five-year course. The rigorous training program imparts knowledge on all aspects of animal health and production including the study of companion animals, farm animals and wildlife. The current annual student intake is 110 per batch. The degree is recognized by the Veterinary Council of Sri Lanka for registration to practice as a Veterinary Surgeon in Sri Lanka.**

2.1 History

The University of Ceylon was established in 1942 with the amalgamation of the Ceylon Medical College founded in 1870 and the Ceylon University College founded in 1921**.** Although Sri Lanka was an agricultural country the new university did not provide any instruction in Veterinary Science**.** As such students wishing to become veterinarians had to proceed to overseas veterinary schools to obtain the required training**.** This deficiency in university education was rectified in 1947 with the establishment of the Department of Veterinary Science at the Faculty of Medicine of the University of Ceylon**.** At the inception of this course the relevant departments of the Faculty of Medicine, taught the veterinary students Anatomy, Physiology, Biochemistry, Pharmacology and Pathology. In 1954, this department was shifted to Peradeniya and incorporated into the Faculty of Agriculture and Veterinary Science of the University of Ceylon**.** In 1973 the Department of Veterinary Science was expanded to three departments viz**.** Departments of Veterinary Preclinical, Paraclinical and Clinical Studies and upgraded as the School of Veterinary Science that was affiliated to the Faculty of Medical, Dental and Veterinary Sciences of the Peradeniya Campus of University of Sri Lanka**.** In early 1980, the BVSc training programme received full faculty status with four departments viz**.**Departments of Veterinary Preclinical, Paraclinical, Clinical Studies and Animal Science and the Faculty was designated as the Faculty of Veterinary Medicine and Animal Science **(**FVMAS**).** As an interim measure, instead of forming the fourth department, the FVMAS continued to use the services of the Department of Animal Science of the Faculty of Agriculture to teach the course in animal production**.** In July 2000, the FVMAS was restructured, with the renaming of the departments and concurrent commencement of the fourth department**.**

At present, the FVMAS consists of 5 departments, namely the Departments of Basic Veterinary Science, Veterinary Pathobiology, Veterinary Public Health and Pharmacology, Veterinary Clinical Sciences and Farm Animal Production and Health.

In the early years of veterinary education in Sri Lanka, the curriculum of the BVSc training programme was similar to that followed by the Royal Veterinary College, University of London, United Kingdom. The BVSc curriculum underwent formal revisions during the years 1991 and 2000 to align with the existing veterinary educational norms at the time. However, the most revolutionary curriculum revision to date came in the year 2018 which extended the BVSc degree program to 5 years (a previous attempt to extend the BVSc curriculum to 5 years in 2018 – under a World Bank-funded project titled "Improvement of relevance and quality of undergraduate training in Sri Lanka (WB-IRQUE Project)" – was turned down by the University Grants Commission at that time.

2.2 Vision and Mission

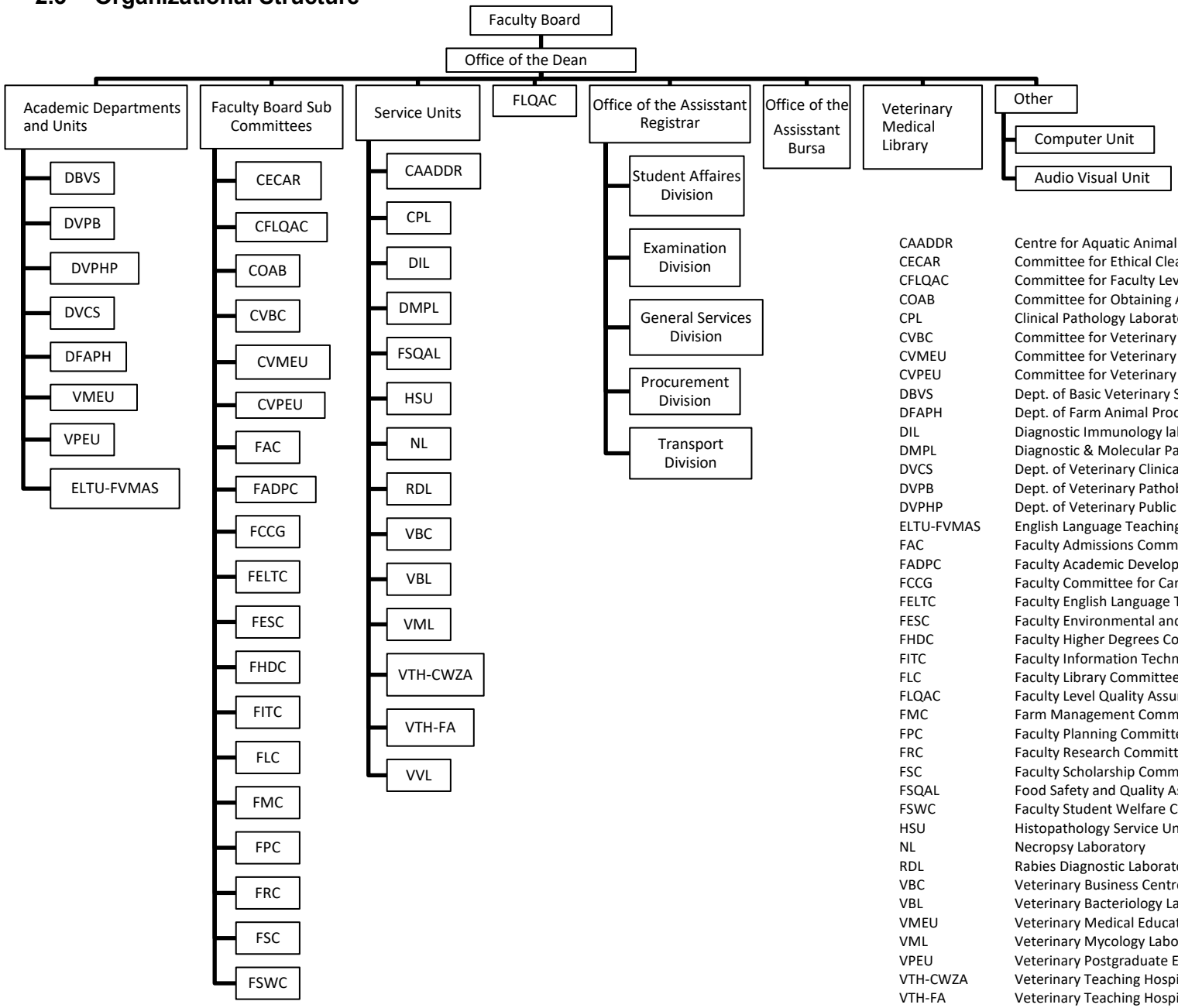
Vision

To be the national centre of learning and research in veterinary medicine and animal production and to produce graduates of a high standard who could confidently manage the health care and production of the farm, companion, captive, wild, aquatic, and other animal species which are useful to mankind and to bring solace, happiness, and profitable income to their owners.

Mission

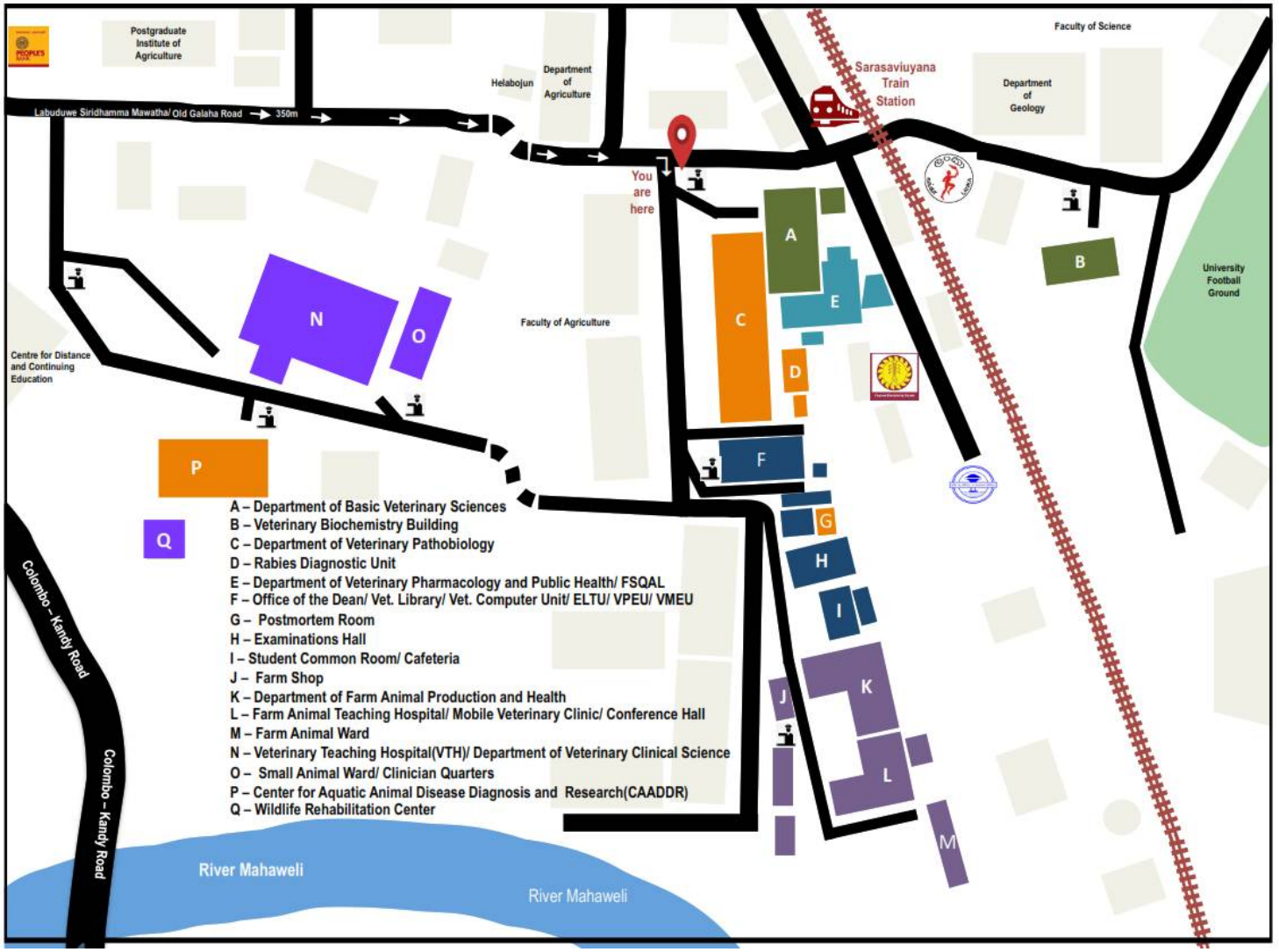
To impart a sound knowledge of veterinary medicine and animal production techniques to students in order to produce competent veterinarians and scientists of high calibre, who would always strive to increase the productivity of livestock and improve the quality of life and welfare of farm, companion, aquatic, captive, wild and other animals by providing relief from suffering through healing and prevention of diseases. The mission also includes the provision of i) training required to protect the community from zoonotic diseases, ii) facilities for continuous improvement of professional skills and knowledge, iii) research studies leading to higher degrees and iv) participation in policy formulation and implementation of activities on animal production, health and welfare at regional and national levels to secure a high standard of living for the commu

2.3 Organizational Structure



CAADDR	Centre for Aquatic Animal Disease Diagnosis and Research
CECAR	Committee for Ethical Clearance on Animal Research
CFLQAC	Committee for Faculty Level Quality Assurance Cell
COAB	Committee for Obtaining Accreditation for BVSc degree
CPL	Clinical Pathology Laboratory
CVBC	Committee for Veterinary Business Centre
CVMEU	Committee for Veterinary Medical Education Unit
CVPEU	Committee for Veterinary Postgraduate Education Unit
DBVS	Dept. of Basic Veterinary Sciences
DFAPH	Dept. of Farm Animal Production and Health
DIL	Diagnostic Immunology laboratory
DMPL	Diagnostic & Molecular Parasitology Laboratory
DVCS	Dept. of Veterinary Clinical Sciences
DVPB	Dept. of Veterinary Pathobiology
DVPHP	Dept. of Veterinary Public Health & Pharmacology
ELTU-FVMAS	English Language Teaching Unit – Faculty of Veterinary Medicine & Animal Science
FAC	Faculty Admissions Committee
FADPC	Faculty Academic Development and Planning Committee
FCCG	Faculty Committee for Career Guidance
FELTC	Faculty English Language Teaching Committee
FESC	Faculty Environmental and Safety Committee
FHDC	Faculty Higher Degrees Committee
FITC	Faculty Information Technology Committee
FLC	Faculty Library Committee
FLQAC	Faculty Level Quality Assurance Cell
FMC	Farm Management Committee
FPC	Faculty Planning Committee
FRC	Faculty Research Committee
FSC	Faculty Scholarship Committee
FSQAL	Food Safety and Quality Assurance Laboratory
FSWC	Faculty Student Welfare Committee
HSU	Histopathology Service Unit
NL	Necropsy Laboratory
RDL	Rabies Diagnostic Laboratory
VBC	Veterinary Business Centre
VBL	Veterinary Bacteriology Laboratory
VMEU	Veterinary Medical Education Unit
VML	Veterinary Mycology Laboratory
VPEU	Veterinary Postgraduate Education Unit
VTH-CWZA	Veterinary Teaching Hospital-Companion, Wildlife and Zoo Animals
VTH-FA	Veterinary Teaching Hospital-Farm Animal
VVL	Veterinary Virology Laboratory

2.4 Map


Postgraduate Institute of Agriculture
Labuduwe Siridhamma Mawatha/ Old Galaha Road → 350m
Helabojun
Department of Agriculture
You are here
Faculty of Science
Sarasaviuyana Train Station
Department of Geology
University Football Ground
Faculty of Agriculture
Centre for Distance and Continuing Education
A – Department of Basic Veterinary Sciences
B – Veterinary Biochemistry Building
C – Department of Veterinary Pathobiology
D – Rabies Diagnostic Unit
E – Department of Veterinary Pharmacology and Public Health/ FSQAL
F – Office of the Dean/ Vet. Library/ Vet. Computer Unit/ ELTU/ VPEU/ VMEU
G – Postmortem Room
H – Examinations Hall
I – Student Common Room/ Cafeteria
J – Farm Shop
K – Department of Farm Animal Production and Health
L – Farm Animal Teaching Hospital/ Mobile Veterinary Clinic/ Conference Hall
M – Farm Animal Ward
N – Veterinary Teaching Hospital(VTH)/ Department of Veterinary Clinical Science
O – Small Animal Ward/ Clinician Quarters
P – Center for Aquatic Animal Disease Diagnosis and Research(CAADDR)
Q – Wildlife Rehabilitation Center
Colombo – Kandy Road
Colombo – Kandy Road
River Mahaweli
River Mahaweli

2.5 Office of the Dean

Dr. A.W. Kalupahana, Dean, FVMAS

Dean:	Dr. A.W. Kalupahana	**Examinations:**	Ms. K.P.N. Jayasinghe
Telephone:	081 239 5700	Telephone:	081 239 5702/5869
Email:	deanvet@pdn.ac.lk dean@vet.pdn.ac.lk	Email:	vetexam@pdn.ac.lk exam@vet.pdn.ac.lk
Senior Assistant Registrar:	Mr. S.H.P.E.S. Ekanayake	**Student Affairs:**	Ms. B.A.G.G.S.N. Galapitage
Telephone:	081 239 5707	Telephone:	081 239 5732
Email:	arvet@pdn.ac.lk ar@vet.pdn.ac.lk	Email:	ss@vet.pdn.ac.lk
Assistant Bursar:	081 239 5705	**Transport Division:**	R.M.S.B. Ramanayake
Telephone:	abvet@pdn.ac.lk	Telephone:	081 239 5721
Email:	ab@vet.pdn.ac.lk	Email	trp@vet.pdn.ac.lk
Secretary to Dean:	Ms. W.D.S. Jayasooriya	**General Services:**	Mr. M.G.N. Abeywickrama
Telephone:	081 239 5701	Telephone:	081 239 5703
Email:	dsec@vet.pdn.ac.lk	Email:	gs@vet.pdn.ac.lk

2.6 Deputy Proctor and Senior Student Counsellors (2026)

Office: 1st floor of the administrative building

Dr. Thusitha Karunarathna
(Deputy Proctor)
Department of Veterinary Pharmacology and Public Health
0718600466(Mobile)
thusithakarunarathna@vet.pdn.ac.lk

Dr. Himali Wijesekara
(Assistant Deputy Proctor)
Department of Veterinary Pathobiology
0718883358(Mobile)
himali@vet.pdn.ac.lk

Dr. Nimal Priyankarge
(**Senior Student Counsellor**)
Department of Basic Veterinary Sciences
0718038954 (Mobile)
npriyankarage@vet.pdn.ac.lk

Dr. D. S. Thilakarathne
(**Senior Student Counsellor**)
Department of Veterinary Pathobiology
0778881842 (Mobile)
dulari@vet.pdn.ac.lk

Dr. Madhavi Haturusinghe
(**Senior Student Counsellor**)
Department of Veterinary Pharmacology and Public Health
0712907646 (Mobile)
madhavi@vet.pdn.ac.lk

Dr. H.E.L. De Seram
(**Senior Student Counsellor**)
Department of Farm Animal Production and Health
0777829364 (Mobile)
eranga.seram@vet.pdn.ac.lk

Dr. Harsha Ariyarathna
(**Senior Student Counsellor**)
Department of Veterinary Clinical Sciences
0702341517 (Mobile)
harsha@vet.pdn.ac.lk

2.7 Academic Departments

The Faculty of Veterinary Medicine and Animal Science consists of the following five academic departments.

1) Department of Basic Veterinary Sciences
2) Department of Veterinary Pathobiology
3) Department of Veterinary Public Health and Pharmacology
4) Department of Veterinary Clinical Sciences
5) Department of Farm Animal Production and Health

Department of Basic Veterinary Sciences (DBVS)

The DBVS is mainly responsible for administering the 1st year of the BVSc degree program. Additionally, the DBVS designs and conducts postgraduate level training courses and research in basic and applied veterinary disciplines. The department consists of the following academic staff members:

Prof. L.J.P.A.P. Jayasooriya	Professor (Chair)
Prof. W.M.A.P. Wanigasekera	Professor
Prof. D.A. Satharasinghe	Professor
Prof. L.G.S. Lokugalappatti	Professor
Prof. R.M.S.B.K Ranasinghe	Professor
Prof. N.U.A. Jayasena	Professor
Dr. N.K. Jayasekara	Senior Lecturer
Dr. D.M.S. Munasinghe	Senior Lecturer
Dr. Nimal Priyankarge	Senior Lecturer
Dr. G.M.G.C.K. Premachandre	Lecturer
Dr. S. Seniverathne	Lecturer (Probationary)

Department of Veterinary Pathobiology (DVPB)

The DVPB is mainly responsible for administering the 2nd year of the BVSc degree program. The DVPB also designs and conducts postgraduate training and research programmes in applied veterinary sciences and related fields, and provides diagnostic services to the Veterinary Teaching Hospital, Veterinary Teaching Farm, state and private farms, and to the general public. The department consists of the following academic staff members:

Prof. H.R.N. Jinadasa	Professor
Prof. R.R.M.K.K. Wijesundera	Professor
Dr. A. Arulkanthan	Senior Lecturer
Dr. A.W. Kalupahana	Senior Lecturer
Dr. S.S.S. de S. Jagoda	Senior Lecturer
Dr. D.P.H. Wijesekera	Senior Lecturer
Dr. N.M.T. Anupama	Senior Lecturer
Dr. T.A. Gunawardana	Senior Lecturer
Dr. D.S. Thilakarathne	Senior Lecturer
Dr. P.G.A.S. Palkumbura	Lecturer (Probationary)
Dr. H.D.N.Y. Gunathilaka	Lecturer (Probationary)

Department of Veterinary Public Health and Pharmacology (DVPHP)

The DVPHP is mainly responsible for administering the 3rd year of the BVSc degree program. The Food Safety and Quality Assurance Laboratory of this Department is the only laboratory in the Sri Lankan university system with ISO17025 accreditation. The department consists of the following academic staff members:

Prof. R.S. Kalupahana	Professor (Chair)
Prof. B.R. Fernando	Professor
Dr. M.H. Hathurusinghe	Senior Lecturer
Dr. K.S.A. Kottawatta	Senior Lecturer
Dr. H.M.T.K. Karunarathna	Senior Lecturer

Department of Veterinary Clinical Sciences (DVCS)

Together with the DFAPH, the DVCS is mainly responsible for administering the 4th and 5th academic years of the BVSc degree program. Furthermore, the Companion, Wild, and Zoo Animal Veterinary Teaching Hospital (VTH-CWZA) is managed by the DVCS which provides medical and surgical veterinary services to companion, wild and zoo animals. In addition, DVCS provides specialized services to a number of state and non-governmental organizations and to the general public: providing specialized services to the Kennels Divisions of the Sri Lanka Police and Armed Forces; supporting the Department of Wildlife Conservation with tranquilization, elephant tranquilizing services in religious and ceremonial processions, providing veterinary forensic medical services to Sri Lanka Courts; and assisting state and non-governmental organizations with rabies eradication and stray dog neutering programmes are a few noteworthy examples. The department also regularly conducts Continuing Education programmes for state and private veterinary practitioners and engages in applied and adaptive research. The department consists of the following academic staff members:

Prof. A. Dangolla	Professor (Chair)
Prof. K.A.N. Wijayawardhane	Professor
Prof. D.R.A. Dissanayake	Professor
Dr. H.M.H.S. Ariyarathna	Senior Lecturer
Dr. T.M.S.K. Piyadasa	Lecturer (Probationary)
Dr. C. Abeykoon	Lecturer (Probationary)
Dr. K.A.R.K. Perera	Lecturer (Probationary)
Dr. M.G.T.M. Prasadinie	Lecturer (Probationary)
Dr. B.G.S.S. Gamage	Lecturer (Probationary)
Dr. W.A.P.M. Dewasmika	Lecturer (Probationary)
Dr. Dr.K.P.I.Roshan Kahatapitiya	Lecturer (Probationary)
Dr. H.E.M.K. Bandaranayake	Lecturer (Probationary)

Department of Farm Animal Production and Health (DFAPH)

Together with the DVCS, the DFAPH is mainly responsible for administering the 4th and 5th academic years of the BVSc degree program. The Farm Animal Veterinary Teaching Hospital (FA-VTH) is administered by the DFAPH. It also designs and conducts postgraduate level training in farm animal health, reproduction and production; engages in applied and adaptive research and conducts Continuing Education programmes for state and private sector veterinarians. Its outreach programmes include i) professional advice and guidance to livestock and allied industries, ii) farm animal healthcare services to the public through the FA-VTH and mobile veterinary clinic and iii) provision of breeding material and technical advice to smallholder farmers through the Veterinary Teaching Farm. The department consists of the following academic staff members:

Prof. P.G.A. Pushpakumara	Senior Professor
Prof. M.N.M. Fouzi	Professor
Dr G.D.R.K. Perera	Senior Lecturer
Dr. K. Nizanantha	Senior Lecturer
Dr. N.D. Karunarathne	Senior Lecturer

Dr. H.E.L. De Seram	Senior Lecturer
Dr. P.S. Fernando	Senior Lecturer
Dr. Y.K. Jayawardena	Lecturer (Probationary)

2.8 Academic Units of the Faculty

1) Veterinary Medical Education Unit (VMEU)
2) Veterinary Postgraduate Education Unit (VPEU)
3) English Language Teaching Unit- (ELTU)

Veterinary Medical Education Unit (VMEU)

The VMUE is responsible for monitoring and ensuring proper implementation of the veterinary undergraduate curriculum in collaboration with the relevant academic departments and the Academic Development and Planning Committee (ADPC-Vet) of the FVMAS (including but not limited to activities related to (i) teaching and assessment, (ii) timetabling, (iii) e-learning, (iv) exam scheduling, and (v) releasing of results of all courses including Prevet, Research Project, Integrated Veterinary Sciences and Externship/Industrial Training). The VMEU is also responsible for designing and conducting suitable Teacher Evaluation, Peer Evaluation, Course Evaluation and Examination Evaluation programs in liaison with the Faculty Quality Assurance Cell and coordinating Continuing Educational Programs/ Continuing Professional Development Programs for academic and non-academic staff members of the FVMAS in liaison with the Staff Development Center of the University of Peradeniya and/or suitable organization.

Chairperson: **Chairperson: Prof. K.A.N. Wijayawardhane**

Veterinary Post Graduate Education Unit (VPEU)

This unit designs and conducts postgraduate training programmes in veterinary medical and animal production sciences; designs and conducts Continuing Education programmes for veterinary graduates and coordinates the outreach activities of the FVMAS.

Coordinator: **Coordinator: Dr. N.M.T. Anupama**

English Language Teaching Unit-Faculty of Veterinary Medicine and Animal Science (ELTU-FVMAS)

The English Language Teaching Unit of the FVMAS is manned by the ELTU of the University of Peradeniya. The primary function of the unit is to conduct English language teaching programme for veterinary undergraduates under the supervision of the VMEU. Besides conducting formal teaching, the teaching staff of the unit also provides assistance in correcting student project reports, term papers and other assignments.

Coordinator: Mr. M.I.L De Zoysa (Lecturer in English)
Chairperson, Faculty English Language Teaching Committee: Prof .Nilmini Jayasena

Faculty Board Sub-committees

1. Committee for Ethical Clearance on Animal Research
2. Committee for Faculty Level Quality Assurance Cell
3. Committee for Obtaining Accreditation for BVSc degree
4. Committee for Veterinary Business Centre
5. Committee for Veterinary Medical Education Unit
6. Committee for Veterinary Postgraduate Education Unit
7. Faculty Academic Development and Planning Committee
8. Faculty Admissions Committee
9. Faculty Committee for Career Guidance
10. Faculty English Language Teaching Committee
11. Faculty Environment and Safety Committee
12. Faculty Higher Degrees Committee
13. Faculty Information Technology Committee
14. Faculty Library Committee
15. Faculty Planning Committee
16. Faculty Research Committee
17. Faculty Scholarship Committee
18. Faculty Student Welfare Committee
19. Farm Management Committee

2.9 Veterinary Medical Library (VML)

Veterinary Medical Library is one of the 7 branch libraries managed by the Library of the Peradeniya University. It offers lending and reference facilities in all subjects related to the BVSc programme. It provides seating capacity for approximately 100 students and carries a collection of approximately 5500 volumes of textbooks and wide spectrum of other forms of printed material. In addition, the VML provides facilities for the use of electronic information, both World Wide Web-based and computer-based learning material including a collection of educational videos and CDs. The VML located at the Old Galaha road within the premises of the Faculty of Veterinary Medicine and Animal Science, on the top floor of the Administrative Building.

Contact Information:

Phone:	0812395885/ 0812395883
Assistant Librarian:	Ms. Kamani Dambawinna
Web:	http://www.lib.pdn.ac.lk/libraries/vet/
Opening hours:	7.30 am to 6.00 pm (Weekdays) 7.30 am to 4.00 pm (Saturdays)

2.10 Computer Unit

Computer Unit of the Faculty offers services of 45 workstations for veterinary undergraduates. The unit is manned by a computer programmer and Technical Officer. While the unit provides access to students to use the facility for information search, computer-aided learning material, and internet facilities, the technical staff of the unit provides training for students in the application of computer software packages for academic purposes.

Officer in Charge: Mr. B.A.G. Harischandra

2.11 Service Units

Veterinary Teaching Hospital (**VTH**)

The FVMAS has two Veterinary Teaching Hospitals, namely Companion, Wild, and Zoo Animal Veterinary Teaching Hospital (CWZA-VTH) and the Farm Animal Veterinary Teaching Hospital (FA-VTH). The CWZA-VTH and FA-VTH are administered by DVCS and DFAPH, respectively.

The VTH-CWZA provides 24 hour 7 days per week extensive service to companion, wild and zoo animal patients, including medical, surgical, emergency and critical care, laboratory, radiography, ultrasound, ECG, echocardiography, endoscopy and molecular and microbiology services. VTH-CWZA also has residential warding facilities for companion and wild animal patients.

Services of the VTH-FA are offered through its mobile veterinary clinic and the construction of a state-of-the-art hospital which was completed in 2022. The hospital is equipped with facilities that are up to the international standards including medical, surgical, laboratory, radiography, ultrasound and hospitalization facilities for farm animals and horses. The mobile clinic provides services to smallholder farmers within a 25 km radius as a first opinion practice and also serve as a referral practice for neighbouring veterinary surgeons' divisions. On request, the mobile unit also provides services to large state-owned and private farms. Services of the VTH-FA are primarily offered through its mobile veterinary clinic which provides services to smallholder

farmers within a 25 km radius as a first opinion practice and also serve as a referral practice for neighbouring veterinary surgeons' divisions. On request, the mobile unit also provides services to large state-owned and private farms.


Veterinary Teaching Farm (VTF)

The Veterinary Teaching Farm is managed by the DFAPH and is established on a 25-acre land located 3.5 km away from Faculty at Mawala, Uda-Peradeniya. It encompasses a modern dairy unit with machine milking facilities and all other major livestock species (buffalo, pigs, and goat) and poultry (Layer and broiler). The buffalo unit and the piggery were recently refurbished to modern standards. These units provide hands on practical training in modern animal husbandry practices and other basic and mastery veterinary skills in farm animal health reproduction and production to veterinary undergraduate and postgraduates. The FAVTF also has an interactive small discussion room and facilities for accommodating up to 20 students. In addition to its teaching commitments, VTF is geared to provide technical guidance and limited amount of breeding material to farming community particularly to smallholder farmers in the Central Province.


Rabies Diagnostic Laboratory (RDL)

The Rabies Diagnostic laboratory of the Department of Veterinary Pathobiology was established in 2007, with assistance from Japan through a link programme established between the Faculty of Veterinary Medicine and Animal Science and the School of Veterinary Medicine of the University of Hokkaido, Japan. Currently, the rabies diagnostic laboratory provides an array of functions such as diagnosis of rabies and other neurological diseases in animal brain and spinal cord tissues, serological testing for rabies in animals, training on rabies diagnosis, and advisory services on rabies control in Sri Lanka.

Food Safety and Quality Assurance Laboratory (FSQAL)

The Food Quality Safety and Quality Assurance Laboratory has been upgraded with state-of-the-art analytical instruments recently with financial and technical assistance from several local and international organizations including the International Atomic Energy Agency, Vienna, and Accelerating Higher Education Expansion and Development (AHEAD) project of the Ministry of Higher Education. FSQAL provides its services to many state and non-governmental organizations and to the general public to ensure the safety of food that we consume, with a special emphasis on the determination of veterinary drugs or their residues and mycotoxins in animal-originated food and animal feed. FSQAL is the only laboratory in the Sri Lankan university system with ISO17025 accreditation.

Veterinary Bacteriology Laboratory (VBL)

The bacteriology laboratory of the Department of Veterinary Pathobiology provides a range of services for the isolation and identification of bacterial pathogens from clinical samples or post-mortem tissues originating from companion animals, livestock, equine, avian, wild, zoo, other exotic species, and environmental samples. Routine isolation of bacterial pathogens is carried out through standard aerobic and anaerobic culture and the isolates are identified at the genus/species level through traditional and molecular methods Difficult to identify isolates that may be identified by 16S rRNA sequencing is carried out on request. The bacteriology laboratory is also specialized in the isolation and identification of Mycobacterium spp. of veterinary interest. Antimicrobial susceptibility testing is provided by the disc diffusion method. Interpretation is performed by applying the Clinical and Laboratory Standards Institute (CLSI) and the European Committee on Antimicrobial Susceptibility Testing (EUCAST) breakpoints. Diagnostic bacteriology service is essential for teaching veterinary students because specimens received by the laboratory and bacterial cultures

are used for microbiology practical classes/examinations of the undergraduate teaching programme.

Veterinary Virology Laboratory (VVL)

The virology laboratory of the Department of Veterinary Pathobiology provides a range of services for the isolation and identification of viral pathogens from clinical samples or postmortem tissues originating from companion animals, livestock, equine, avian, wild, zoo, aquatic and exotic species. The veterinary virology laboratory frequently employs molecular virology techniques in providing diagnostic services and carrying out student research projects. Furthermore, the virology laboratory provides training to veterinarians and post-graduate students on conventional and molecular virology techniques.

Centre for Aquatic Animal Disease Diagnosis and Research (CAADDR)

A laboratory providing services on aquatic animal disease diagnosis and conducting research on fish health management was a national requirement to improve the productivity of the aquaculture sector in Sri Lanka. To fill this vacuum, the Centre for Aquatic Animal Disease Diagnosis and Research was established in 2007 in the Faculty of Veterinary Medicine and Animal Science, University of Peradeniya in partnership with the National Aquaculture Development Authority (NAQDA) of Sri Lanka, under the Asian Development Bank funded Aquatic Resource Development and Quality Improvement Project (ARDQIP). The objective of CAADDR is to provide services on health management to the state, commercial aquaculture enterprises, and home aquaria in order to improve the health, welfare, and productivity of aquatic animals.

CAADDR with trained staff and well-equipped laboratories, functions as a national reference centre for the diagnosis of freshwater fish diseases. The other services provided by CAADDR include diagnosis and treatment of fish diseases to the general public, investigation of disease outbreaks in the field and providing necessary recommendations/ advice on the treatment and control of freshwater fish diseases, investigation of fish kills in natural freshwater bodies and recommendation of remedial measures, providing training on aquatic animal health management (to veterinarians, veterinary undergraduates, aquaculturists, extension officers, other undergraduates specializing in aquaculture, freshwater fish farmers, hobbyists, aquarium owners). CAADDR also conducts research on the health management of aquatic animals. Facilities are also available at CAADDR to undertake safety and efficacy testing of aquatic medicinal products, disinfectant testing, and disease challenge studies. CAADDR

participates in the Asia-Pacific Laboratory proficiency testing program for aquatic animal diseases jointly managed between the Australian Department of Agriculture and the Australian Animal Health Laboratory (CSIRO/AAHL) to ensure the ongoing proficiency of testing systems.

Veterinary Mycology Laboratory (VML)

The diagnostic mycology laboratory of the Department of Veterinary Pathobiology is specialized in the isolation and identification of fungal pathogens that cause disease in animals. The services provided include general fungal culture, direct microscopic examination (skin scrapings, ear wax samples etc.), and culture and identification of Dermatophytes and yeasts. Fungal cultures are identified based on microscopic and macroscopic characteristics. Facilities are also available for molecular identification of common fungal pathogens of veterinary interest using PCR and sequencing. In addition to pathological samples, the lab also handles animal feed and environmental samples for fungal isolation. Further, quantitative analysis of the total aflatoxin is being developed to provide service upon request.

Necropsy Laboratory (NL)

The Necropsy laboratory of the Department of Veterinary Pathobiology provides specialized, professional, and comprehensive cause-of-death determination of pet, farm, wild, zoo, and exotic animals, fish, and poultry. The service is available for Veterinarians and the general public. Furthermore, the necropsy laboratory provides training to veterinarians and post-graduate students on necropsy procedures.

Histopathology Service Unit (HSU)

The Histopathology Service Unit of the Department of Veterinary Pathobiology routinely provides services that include histology slide preparation, routine and special staining, immunohistochemistry, and histopathology diagnosis on biopsy and necropsy samples. The services are provided to Veterinarians, post-graduate students, and researchers. Furthermore, the unit conducts toxicopathology studies and reporting.

Clinical Pathology Laboratory (CPL)

Clinical Pathology Laboratory of the Department of Veterinary Pathobiology provides diagnostic services based on clinical chemistry, haematology, and serology of animals. These services are provided to Veterinarians, the general public, and researchers.

Incineration Facility (IF)

This provides services to the Veterinary Teaching Hospital and other laboratories to dispose animal carcasses and biological wastes by safe and environmentally friendly method.

Diagnostic and Molecular Parasitology Laboratory (DMPL)

The laboratory carries out faecal and blood smear examinations for parasitic diseases of domestic, farm, and wild animals. Morphological identification of parasite species together with molecular confirmation via sequencing and phylogenetic analysis is also a regular service provided by the laboratory. The laboratory provides services to the Animal Quarantine Centers

in the country by molecular detection of parasites of quarantine importance and contributes in preventing the entry of foreign parasitic infections. The laboratory also provides services to courts in molecular differentiation of meat samples of a variety of animal species. Molecular detection of COVID-19 by qRT-PCR is another service provided via the laboratory.

Diagnostic Immunology Laboratory (DIL)

The Diagnostic Immunology laboratory is engaged in dengue NS1 antigen detection, IgG and IgM detection, and dengue virus typing using well-established ELISA and qRT-PCR techniques. Detection of IgG for Rickettsia by Indirect Immuno-fluorescence antibody test (IFAT) is also carried out. The laboratory conducts practical sessions and workshops for demonstrating ELISA, IFAT, SDS-PAGE, and western blotting techniques. The laboratory also aids in conducting vaccine efficacy trials.

Cell Culture and Flow Cytometry Facility (CCFCF)

The cell culture and flow cytometry facility of the Department of Veterinary Pathobiology provides services to conduct vaccine efficacy trials, anti-cancer drug efficacy testing, anthelmintic drug efficacy trials, and toxicity studies of pharmaceutical products. It further caters to conducting CPD programs and workshops on providing hands-on experience in mammalian cell culture followed by flow cytometry.

Molecular and Nutritional Biochemistry Laboratory (MNBL) at Biochemistry division

A modern laboratory was established in March 2020 at the Biochemistry division, Department of Basic Veterinary Sciences with state-of-the-art molecular facilities and sequencing facilities for molecular diagnosis of animal diseases, especially diseases with zoonotic potential. Further, the laboratory is equipped to produce nutritional analysis reports for animal feed. The laboratory provides services to the poultry and livestock industry using modern and accurate diagnostic aids by identifying pathogens in animal diseases and food of animal origin that interfere with public health. MNBL closely works with the Department of Animal Production and Health, the Ministry of Health, and the World Animal Health Organization. It is one of the animal disease laboratories identified in the Ministry of Health Sri Lanka that handles dangerous pathogens and is included in the National Inventory of Dangerous Pathogens.

3 Curriculum of the BVSc. Degree Program

3.1 General Guidelines

1) The BVSc programme shall be conducted over 10 Semesters and consist of 58 courses totalling 157 credits.
2) In the calculation of 'Volume of Learning', the BVSc 2020 curriculum satisfies the guidelines established by the Academic Development and Planning Committee (ADPC) of the University of Peradeniya (Tables A and B) as well as the SLQF guidelines as per Commission Circular No 05/2013 (i) dated 25th August 2017 (Ref: Sri Lanka Qualifications Framework; September 2015, p 8).

	Hours per credits
Lectures	15 hours
Tutorials	15 hours
Demonstrations	15 hours
Practical Classes	30 hours
In-Class Assignments	30 hours
Clinical work	45 hours
Small Group Discussions	15 hours
Field Studies	45 hours

	***Notional hours per credit (by SLQF 2015)**
Externship	100 hours
Research Project	100 hours
Clinicals (by observation)	100 hours
Work Place-Based Learning (in suitable settings)	100 hours

***** Notional learning hours include direct contact hours with teachers, time spent in self-learning, preparation for assignments, carrying out assignments and assessments.

3) An orientation programme consisting of courses on English, Information and Communication Technology (ICT), Introduction to University and Professional Life and Veterinary Exposure and Leadership Experience will be conducted prior to the commencement of the academic program.
4) A semester consists of 15 weeks except semesters 9 and 10 which are 16 weeks. The semesters are identified by their year and number. i.e. Year one Semester one (Y1S1), Year one Semester two (Y1S2), Year two Semester one (Y2S1), Year two Semester two (Y2S2), Year three Semester one (Y3S1), Year three Semester two (Y3S2), Year four Semester one (Y4S1), Year four Semester two (Y4S2), Year five Semester one (Y5S1), Year five Semester two (Y5S2).
5) Each course will be assessed with one or more continuous assessments and an end-semester examination. For detailed rules and regulations governing examinations, refer to section 3.6.

3.2 Graduate Profile

Competency	Competency descriptors
1. Intellectual skills (*knowledge in core and allied disciplines*)	1. Be able to demonstrate sound knowledge in diagnostic, preventive and therapeutic procedures in companion, livestock, poultry, aquatic, zoo and wild animal species. 2. Be able to demonstrate sound knowledge on common surgical procedures on companion, livestock, poultry, aquatic, zoo and wild animal species. 3. Be able to demonstrate sound knowledge and understanding of animal production from veterinary perspective. 4. Be able to perform routine veterinary public health procedures and assess the safety and compliance of food of animal origin. 5. Be able to display sound knowledge on legislations pertaining to veterinary practices and services including rules, regulations and codes of practices. 6. Be able to demonstrate knowledge and understanding of principles of feed formulation. 7. Be able to demonstrate knowledge and understanding of practice of feed formulation. 8. Be able to demonstrate knowledge in basic concepts of livestock economics, business management and extension methodologies, and 9. Be able to demonstrate fundamentals of basic tools and techniques in scientific inquiry and investigations, and analysis and reporting.
2. Practical skills *(clinical and practical skills in animal health and production)*	1. Be able to perform diagnostic, therapeutic and preventive procedures in companion, livestock, poultry, aquatic, wild and zoo animal species. 2. Be able to perform routine surgical procedures on companion, livestock, poultry, aquatic, zoo and wild animal species. 3. Be able to advise farmers and entrepreneurs engaged in livestock, poultry, and aquatic-animal farming for optimum production, from veterinary perspective 4. Be able to assess the nutritional status of companion, livestock, poultry, and aquatic animals and advise on the principles of feeding 5. Be able to assess breeding and welfare of companion, livestock, poultry, and aquatic animals and advise accordingly 6. Be able to assess the health status of zoo and wild animals and manage accordingly 7. Be able to perform routine gynecological and obstetrical procedures and interventions in farm and companion

	animals. 8. Be able to perform routine veterinary public health procedures, and 9. Be able to undertake scientific inquiry, investigation, analysis and reporting.
3. Numerical, analytical and problem-solving skills	1. Be able to deal with numbers, collect and collate data, analyze using simple statistical methods and/ or software programs, and interpret summary information. 2. Be inquisitive, and able to think critically and rationally, and possess problem solving skills.
4.Communication skills (*skills in writing, oral communication and presentation*)	1. Be able to communicate effectively in writing and speaking. 2. Be able to prepare scientific presentations and entertain questions from the audience in professional manner.
5. ICT skills (*basic and advanced, skill relevant to professional work*)	1. Be literate with ICT and be aware of availability of diverse ICT tools. 2. Be able to use appropriate and modern ICT tools in academic and professional work.
6. Teamwork and interpersonal skills (*empathy, enthusiasm, commitment, initiative, teamwork and leadership, and interpersonal and social skills*)	1. Be assertive, proactive, creative and able to lead and do teamwork. 2. Be aware of the Sri Lankan society and ethnic, religious, and linguistic diversity that exist in the society and be able to live in harmony with adverse and diverse social environments. 3. Be compassionate and possess interpersonal skills to interact with diverse people and conduct effectively in public and private employment environments.
7. Professional skills	1. Be committed to the veterinary profession, and to uphold professional norms and ethics. 2. Be committed to providing services to the livestock, poultry, companion, wild and zoo animal sectors and contribute in general to socio-economic development of the country.
8. Self-management skills	1. Be aware of personal limitations, and be willing to seek professional advice, assistance and support as and when necessary. 2. Be aware of the need for continuing education, training, professional development and professional conduct.

3.3 Day-1 Competencies of the BVSc Graduate Programme (**Learning Outcomes**)

This section sets out the minimum essential competencies that the University of Peradeniya expects all veterinary students to have met when they graduate, to ensure that they are safe to practice on Day-One, in whichever area of the profession they start to work.

Competence is a concept that integrates knowledge, skills and attitudes, the application of which enables the professional to perform effectively, including being able to cope with contingencies, change, and the unexpected. The faculty has adopted the RCVS definition of competence in a job as; the ability to perform the roles and tasks required by one's job to the expected standard. The standard of competence expected at any given time will vary with experience and responsibility and consider the need to keep up to date with changes in practice. Competence is therefore a relative term and increasing levels of competence will be expected throughout the professional's career.

1. General Attributes

Graduates will be able to;

i) demonstrate sound knowledge and skills in diagnostic, preventive and therapeutic procedures, and welfare of companion, livestock, poultry, aquatic, zoo and wild animal species,
ii) apply high standards of veterinary professional ethics in carrying out day-to-day duties,
iii) demonstrate sensitivity to Sri Lankan society and ethnic, religious, and linguistic diversity that exist in the society and contribute towards social cohesion and ethnic harmony,
iv) effectively use techniques of scientific inquiry and investigations, including analysis and reporting,
v) communicate effectively in writing and speaking as appropriate for the audience,
vi) demonstrate effective numerical, data analytical and IT skills at a level appropriate for a veterinary professional,
vii) behave professionally, including showing an awareness of the need for continuing education, training, and professional development, and
viii) seek professional advice, assistance and support as and when necessary due to personal limitations.

2. Clinical Abilities

Graduates will be able to;

i) perform thorough clinical (including gynecological and obstetrical) examinations on companion, farm, zoo, wild and aquatic animal species,
ii) select, use, interpret and, where appropriate, perform relevant diagnostic procedures
iii) (e.g., diagnostic imaging, clinical pathology), and critically evaluate the uses and limitations of each of those,
iv) accurately diagnose common medical, surgical and infectious disorders that occur in animals in Sri Lanka; and develop appropriate treatment and/ or preventive programs for managing such conditions,
v) correctly and aseptically perform routine surgical procedures under clinical, hospital and field conditions,

vi) assist in planning and implementing effective disease prevention and vaccination programs,
vii) perform a necropsy, collect and submit relevant specimens for laboratory examination, prepare comprehensive reports and interpret findings in a language suitable to its final audience.
viii) conduct fertility investigations on individual animals and herds, analyze findings, interpret results and produce herd fertility reports and initiate therapeutic interventions on animals where indicated,
ix) apply modern reproductive biological techniques in the context of the needs to improve reproductive efficiency and productive performance of companion, farm, zoo and wild animals in Sri Lanka,
x) use veterinary products appropriately with emphasis to appropriate record keeping, drug withdrawal periods, drug residues, and development of drug resistance, and
xi) undertake basic clinical investigations, emergency treatment and disease surveillance; and perform medical and minor surgical treatment procedures for zoo and wildlife species.

3. Infectious Diseases and Epidemiology

Graduates will be able to;
i) utilize the general principles of descriptive epidemiology in investigation and control of outbreaks of infectious disease,
ii) identify clinical signs, clinical course, transmission potential (including vectors), and pathogens associated with major endemic, transboundary and exotic infectious diseases that are of relevance to Sri Lanka,
iii) explain the methods for controlling infectious diseases, including early detection systems, routine and emergency vaccination programs, culling programs, and the role of State Veterinary Services in controlling disease incursions,
iv) explain the rationale and methods for collection, and subsequent handling of samples for diagnosis of endemic, transboundary and exotic infectious diseases,
v) demonstrate knowledge on the procedures in Sri Lanka for compulsory notification of specific diseases; knowledge of sources of information regarding endemic, transboundary and exotic diseases that are of relevance to Sri Lanka, and
vi) use antimicrobial/ antiparasitic drugs according to the principles of minimizing the risk of developing drug resistance.

4. Veterinary Public Health

Graduates will be able to;
i) take necessary action to prevent, control and report zoonotic diseases with an emphasis to one health approach,
ii) assess the safety and compliance of food of animal origin including participation in ante- and post-mortem inspection of animals at slaughter,
iii) assess and authorize on-farm food safety practices, and
iv) explain the relationship between animal and human health.

5. Animal Production

Graduates will be able to;

i) carry out veterinary practices relevant to breeding, feeding, housing and other management aspects in livestock, poultry and aquatic species relevant to Sri Lanka,
ii) assess the nutritional and production status of an animal/herd from a veterinary perspective and advise the farmer on corrective measures,
iii) assess nutritive value and safety of feedstuffs for food animal species important to Sri Lanka, and
iv) identify the need for extension services related to animal health and welfare, and facilitate necessary interventions

6. Animal Welfare

Graduates will be able to;

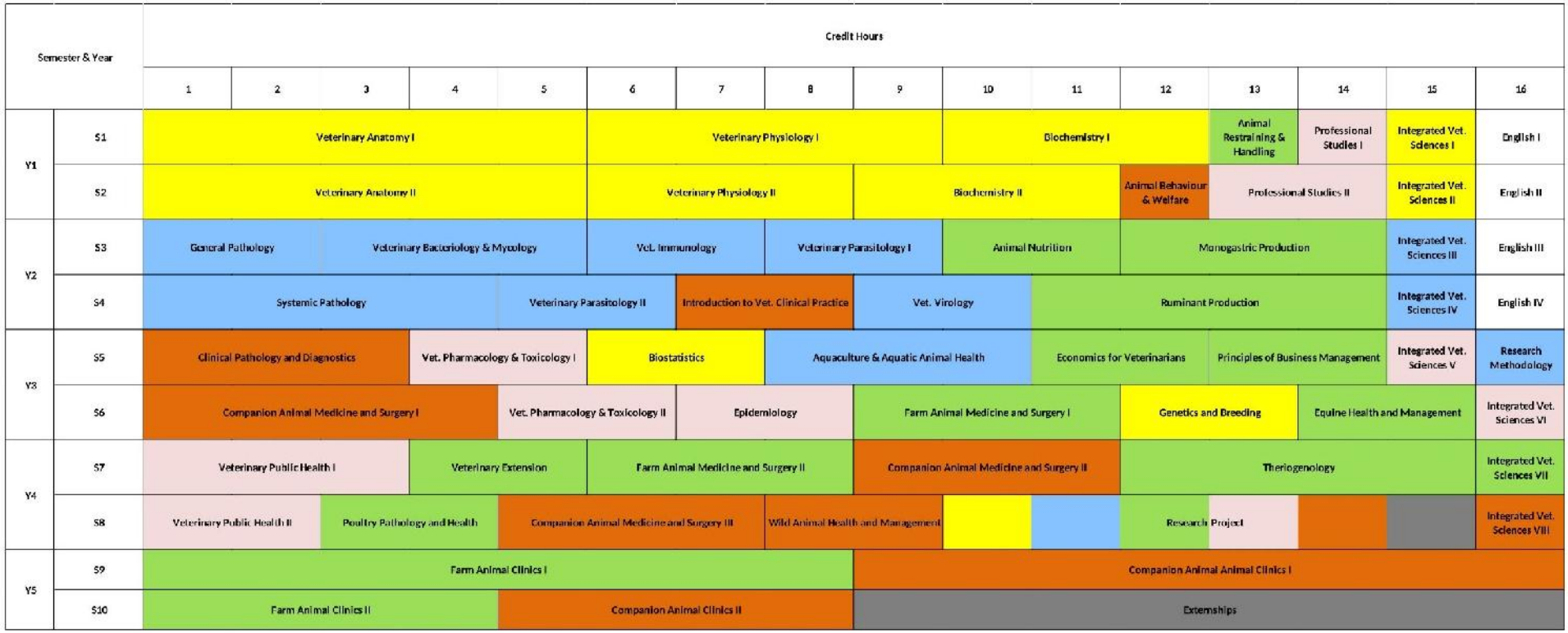
i) explain animal welfare and related responsibilities of owners, handlers, veterinarians and others responsible for the care of animals,
ii) act as advocates for the welfare of animals including, but not limited to, animal production, transport and slaughter for human consumption and disease control, and
iii) provide leadership on ethical considerations involved in the use and care of animals

7. Legislation and Certification

Graduates will be;

i) Able to display general knowledge of national veterinary legislation and of specific rules and regulations governing the veterinary profession,
ii) able to examine and monitor animals to certify freedom from disease,
iii) able to complete animal health certification in compliance with national and local legislation, and
iv) aware of the OIE Advanced Competencies as they apply to Day-1 graduates.

3.4 Curriculum Layout



Externship Rosters include Compulsory Externship Rosters in (i) dairy cattle and (ii) poultry (*commercial layer and broiler management*) and two Elective Externships Rosters selected from following list; (i) small animal private practice, (ii) zoo/wildlife, (iii) aquaculture, (iv) equine health and management, (v) swine health and production, (vi) smallholder farming systems, (vii) poultry (diagnostics/breeder/hatchery management) and (viii) poultry processing and quality assurance**.** The Externship Compulsory and Elective rosters will be conducted in outside locations other than FVMAS

3.5 Outline of the BVSc Degree Programme

The following table depicts an outline of the courses offered in the BVSc degree program. The academic programme from year one to five amounts to 160 credits out of which 156 credits contribute to the GPA.

Abbreviations used in the table below: Year one Semester one (Y1S1), Year one Semester two (Y1S2), Year two Semester one (Y2S1), Year two Semester two (Y2S2), Year three Semester one (Y3S1), Year three Semester two (Y3S2), Year four Semester one (Y4S1), Year four Semester two (Y4S2), Year five Semester one (Y5S1), Year five Semester two (Y5S2).

Semester	Course code	Course title	Number of credits
Orientation (Optional)	PREVET 1	Intensive Course in English	4 (Non-GPA)
	PREVET 2	Information and Communication Technology	2 (Non-GPA)
	PREVET 3	Introduction to University and Professional Life	3 (Non-GPA)
	PREVET 4	Veterinary Exposure and Leadership Experience	3 (Non-GPA)
End-Orientation Test			
Y1S1	VS1101	Veterinary Anatomy I	5
	VS1102	Biochemistry I	3
	VS1103	Professional Studies I	1
	VS1104	Animal Restraining and Handling	1
	VS1105	English I	1 (Non-GPA)
	VS1106	Integrated Veterinary Sciences I	1
	VS1107	Veterinary Physiology I	4
Y1S1 End-Semester Examination			
Y1S2	VS1201	Veterinary Anatomy II	5
	VS1202	Biochemistry II	3
	VS1203	Professional Studies II	2
	VS1204	Animal Behavior and Welfare	1
	VS1205	English II	1 (Non-GPA)
	VS1206	Integrated Veterinary Sciences II	1
	VS1207	Veterinary Physiology II	3
Y1S2 End-Semester Examination			
Y2S1	VS2101	General Pathology	2
	VS2102	Veterinary Bacteriology and Mycology	3
	VS2103	Immunology	2
	VS2104	Veterinary Parasitology I	2
	VS2105	Animal Nutrition	2
	VS2106	Integrated Veterinary Sciences III	1
	VS2107	Monogastric Production	3
	VS2108	English III	1 (Non-GPA)
Y2S1 End-Semester Examination			

Y2S2	VS2201	Systemic Pathology	4
	VS2202	Veterinary Parasitology II	2
	VS2203	Introduction to Veterinary Clinical Practice	2
	VS2204	Veterinary Virology	2
	VS2205	Ruminant Production	4
	VS2206	English IV	1 (Non-GPA)
	VS2207	Integrated Veterinary Sciences IV	1
Y2S2 End-Semester Examination			
Y3S1	VS3101	Clinical Pathology and Diagnostics	3
	VS3102	Veterinary Pharmacology and Toxicology I	2
	VS3103	Biostatistics	2
	VS3104	Aquaculture and Aquatic Animal Health	3
	VS3105	Economics for Veterinarians	2
	VS3106	Integrated Veterinary Sciences V	1
	VS3107	Principles of Business Management	2
	VS3108	Research Methodology	1
Y3S1 End-Semester Examination			
Y3S2	VS3201	Companion Animal Medicine and Surgery I	4
	VS3202	Veterinary Pharmacology and Toxicology II	2
	VS3203	Epidemiology	2
	VS3204	Farm Animal Medicine and Surgery I	3
	VS3205	Genetics and Breeding	2
	VS3206	Equine Health and Management	2
	VS3207	Integrated Veterinary Sciences VI	1
Y3S2 End-Semester Examination			
Y4S1	VS4101	Veterinary Public Health I	3
	VS4102	Veterinary Extension	2
	VS4103	Farm Animal Medicine and Surgery II	3
	VS4104	Companion Animal Medicine and Surgery II	3
	VS4105	Theriogenology	4
	VS4106	Integrated Veterinary Sciences VII	1
Y4S1 End-Semester Examination			
Y4S2	VS4201	Veterinary Public Health II	2
	VS4202	Poultry Pathology and Health	2
	VS4203	Companion Animal Medicine and Surgery III	3
	VS4204	Wild Animal Health and Management	2
	VS4205	Research Project	6
	VS4206	Integrated Veterinary Sciences VIII	1
Y4S2 End-Semester Examination			
Y5S1	VS5101	Farm Animal Clinics I	8
	VS5102	Companion and Wild Animal Clinics I	8
Y5S1 End-Semester Examination			
Y5S2	VS5201	Farm Animal Clinics II	4
	VS5202	Companion and Wild Animal Clinics II	4
	VS5203	Externships	8
Y5S2 End-Semester Examination			

3.6 Course Descriptions

Course Code	PREVET I
Course Title	Intensive Course in English
No. of Credits	4
Prerequisites	None
Compulsory/ Optional	Compulsory and Non-GPA

Aim(s):
To enhance the general English language competency of the new entrants in order to successfully follow the BVSc degree program

Intended Learning Outcomes:
At the successful completion of the course students will be able to;

i) write at paragraph and short composition levels with accurate spelling and punctuation and to understand and use verb tenses, nouns/pronouns, and articles appropriately
ii) demonstrate the ability to revise content and identify grammatical errors
iii) demonstrate skills needed to participate in social conversations; listening and understanding others' viewpoints; articulating their own ideas and questions clearly; and situating their own ideas in relation to others' voices and ideas
iv) develop skills to prepare, organize, and deliver oral presentations
v) develop skill to read text, find specific information and understand the contents

Time Allocation (**Hours**)**:** Lectures 60; Practical 24; Independent learning; 66

Course content/ Course description:
This course emphasizes the four skills of writing, speaking, listening and reading in order to improve linguistic and communicative competence, strengthen conveyance of meaning, build vocabulary, and develop grammar and writing skills. Students will engage in individual and group projects and structured role plays in order to increase the English language proficiency.

Assessment	**Percentage Mark**
End of course	100

Course Code	PREVET II
Course Title	Information and Communication Technology
No. of Credits	2
Prerequisites	None
Compulsory/ Optional	Compulsory and Non-GPA

Aim(**s**):
Provide knowledge and skills to operate a computer and use Microsoft Office package for writing, presentation, and data processing and management
Impart knowledge and skills essential for web browsing, effective information search, online communication and email

Intended Learning Outcomes: At the successful completion of the course students will be able to;

i) Understand basic concepts relating to ICT, computers, devices and software,
ii) perform desktop management, file handling using Microsoft Windows,
iii) use word processing applications to create everyday letters and documents,
iv) understand the concepts of spreadsheets and use spreadsheets to produce accurate work outputs,
v) use presentation software effectively,
vi) understand the basic concepts and use databases,
vii) understand the online security concepts, browse the internet and use email, and
viii) conduct a literature search using different databases.

Time Allocation (**Hours**)**:** Lectures 16; Practical 48; Independent learning; 36

Course content/ Course description:
This course provides the information literacy required for the student to operate a computer, search databases, browse the internet and use the Microsoft Office package (Word, Excel, PowerPoint and Access) for academic and research work in the BVSc program.

Assessment	**Percentage Mark**
End of course	100

Course Code	PREVET III
Course Title	Introduction to University and Professional Life
Prerequisites	None
No. of Credits	3
Compulsory/ Optional	Compulsory and Non-GPA

Aim(**s**):
Orient the students to university education with a smooth transition from the secondary to tertiary education and stimulate to pursue a successful career in veterinary profession.

Intended Learning Outcomes: At the successful completion of the course students will be able to;

i) acquire knowledge on university's policies, and procedures (bylaws) that impact the degree attainment,
ii) understand civic engagement in Peradeniya and Kandy city and be aware of the relationship between the current social, political, and cultural aspects in the university,
iii) use resources and facilities of the university and the faculty, and
iv) understand the importance of time management, positive thinking, motivation and attitude development, personal development, management of emotions, carrier guidance, conflict resolution and effective study methods.

Time Allocation (**Hours**)**:** Lectures 32; Practical 40; Independent learning; 78

Course content/ Course description:
This course emphasizes the nature and value of university education in relationship to intellectual development, degree attainment, career success, and quality of life. There will be invited speeches by academics and non-academics, veterinarians and other professionals employed at public and private sectors.

Assessment	**Percentage Mark**
End of course	100

Course Code	PREVET IV
Course Title	Veterinary Exposure and Leadership Experience
Prerequisites	None
No. of Credits	3
Compulsory/ Optional	Optional and Non-GPA

Aim(s):

To create an opportunity for students to get an overview/general idea of the veterinarian's role by exposing students to the “world of work” for four weeks during the orientation period and to provide a weeklong residential on-farm and adventure-based outbound training focused on developing personal, interpersonal, leadership and team building skills required by a veterinarian.

Intended Learning Outcomes:

At the successful completion of the course students will be able to;

i) understand the role of a veterinarian and common disease conditions of animals, and importance of livestock farming to the economy of Sri Lanka.
ii) identify personality types, self-management styles and build upon strengths and minimize weaknesses,
iii) develop and demonstrate resilience, emotional intelligence, and enhance the ability to positively influence others using appropriate social skills.
iv) be able to positively face challenges, manage stress, and promote innovative thinking.
v) demonstrate important soft skills including leadership, multicultural sensitivity and communication, ability to work in teams, and resolve conflicts.

Time Allocation (Hours):

Outbound training 40, Work Place-Based Learning 160, Independent Learning & Assessment 100

Course content/ Course description:

Veterinary Exposure Programme: An exposure programme at a stipulated veterinary practice under the supervision of the in-charge veterinarian in order to get an overview of the role of a veterinarian, disease diagnosis process, client communication and farming and animal husbandry practices.
Leadership experience: Interactive lectures and small/large group activities on identification of personality types, personal management, leadership, communication, resilience, conflict management, emotional intelligence with an outbound training programme

Assessment	**Percentage Mark**
In-course	10%
End-semester	90%

Course Code	VS1101
Course Title	Veterinary Anatomy I
No. of Credits	5
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):

To impart knowledge on the topographic, macroscopic, microscopic, and developmental anatomy of the cardiovascular, respiratory, musculoskeletal (axial and thoracic limb), and endocrine systems of domestic animals to enable the student to be able to apply this knowledge and practice in techniques of the discipline in subsequent years of the veterinary curriculum as required.

Intended Learning Outcomes:

At the end of the course, with reference to the cardiovascular, respiratory, musculoskeletal (axial and thoracic limb), and endocrine systems of domestic animals, the student should be able to:

• describe their topographic, macroscopic and microscopic anatomy.
• perform the skills (dissection, microscopic skills) gained in the above discipline.
• apply the above knowledge to differentiate normal from abnormal conditions in domestic animals.
• link the above knowledge and apply them to clinical problems/ situations as required.

Time Allocation (**Hours**)**:** Lectures 45; Practical 60; Independent learning 145

Course content/Course description:

Cell biology; Basic tissues; Lymphatic system; General embryology, Musculoskeletal system, axial skeleton and forelimb, Cardiovascular system; Respiratory system; Endocrine system.

Recommended Texts:

I. Dyce, K.M., Sack, W.O. and Wensing, C.J.G. (2010). Textbook of Veterinary Anatomy (4th Ed.). Saunders Elsevier Inc., St. Louis, Missouri, U.S.A.
II. Eurell, J.A. and Frappier, B.L. (2006). Dellman's Textbook of Veterinary Histology (6th Ed.). Blackwell Publishing Ltd., Ames, Iowa, U.S.A.
III. McGeady, T.A., Quinn, P.J., Fitzpatrick, E.S., Ryan, M.T., Kilroy D. and Lonergan, P. (2016). Veterinary Embryology (2nd Ed.). Blackwell Publishing Ltd., Oxford, U.K.

Assessment	**Percentage Mark**
In-course	20
End-semester	80

Course Code	VS1102
Course Title	Biochemistry I
No. of Credits	3
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):
To impart knowledge on the core principles and topics of Biochemistry (bioenergetics, enzyme catalysis, and metabolism of biomolecules) and their experimental basis

Intended Learning Outcomes:
At the successful completion of the course the student will be able to;

i) identify and discuss the chemical nature of biological macromolecules and their functions,
ii) explain the principles of bioenergetics and enzyme catalysis,
iii) define and explain digestion and absorption of biomolecules in selected domestic animals,
iv) explain the metabolism of dietary and endogenous carbohydrate, lipid and protein,
v) implement experimental protocols, and adapt them to plan and perform simple experiments, and
vi) contribute effectively to team presentation and reports.

Time Allocation (**Hours**)**:** Lectures 27; Tutorials 3; Practical 30; Independent learning 90

Course Content/Course description:
Classification; structure and function of carbohydrate, amino acids, proteins, lipids and nucleotides; enzyme kinetics; regulation of enzyme activity; introduction to the biochemistry laboratory practical activities; metabolism of biomolecules**:** digestion and absorption, bioenergetics and thermodynamics; metabolism of carbohydrates and gluconeogenesis; amino acid catabolism, transamination, deamination and, urea cycle; metabolism of fats and ketogenesis; classification, structure, synthesis, functions and degradation of lipoproteins; cholesterol metabolism; purine and pyrimidine synthesis, and degradation of purine and pyrimidine**.**

Recommended Texts:

I. Berg, J. M., Tymoczko, J. L. and Stryer, L. (2015). Biochemistry (8th Ed.). WH Freeman, NY, USA.
II. Nelson, D. L. and Cox, M. M. (2012). Lehninger Principles of Biochemistry (6th Ed.). WH Freeman, NY, USA.
III. Kaneko, J.J., Harvey J.W., and Bruss M.L. (2008). Clinical Biochemistry of Domestic Animals (6th Ed.). Elsevier, Missouri.
IV. Murray, R.K., Bender, D.A., Botham, K, M., Kennelly P.J., Rodwell, V.W. and Weil, P.A. (2015). Harpers Illustrated Biochemistry (30th Ed.). McGraw-Hill Education, NY, USA.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS1103
Course Title	Professional Studies I
No. of Credits	1
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):
To develop students' understanding of professional and personal aspects of being a veterinarian, including their obligations to themselves, colleagues, University, profession and the society

Intended Learning Outcomes:

At the end of the course students will be able to;

i) explain and display behavior that is consistent with their role as professionals, both in and outside the class
ii) apply basic concepts of education to veterinary undergraduate studies,
iii) explain, in the context of a veterinary professional, basic principles of psychology, including sensation, perception, memory processes, motivation and learning,
iv) explain the importance of, and be able to adopt strategies for a healthy lifestyle by managing stress, emotions and improving social awareness,
v) display professional behavior befitting of a veterinarian, including ethical conduct, honesty and integrity as responsible members of the society and university's community

Time Allocation (**Hours**)**:** Lectures 10; Practical classes 10, Independent learning 30

Course content/Course description:
Introduction to the veterinary profession; day-1 competencies of BVSc graduate; effective learning habits; self-management, including time and stress management, mindfulness, physical wellbeing and personal financial planning; basic concepts of education, and human behavior including introductions to sociology and psychology; partnership between the student and the university, ethics, and expected conduct from the students, and consequences of misconduct (student bylaws).

Recommended Texts:

I. Robert J. Brym and John Lie (2005). Sociology. (2nd Ed.). Wadsworth/ Thomson Learning. USA.
II. Paul Hersey, Blanchard K.H. and Johnson D.E. (2003). Management of organizational behavior. (8th Ed.) Prentice Hall of India.
III. Stephen Robbins, and T.A. Robbins (2007). Organizational behavior. (12th Ed.). Prentice Hall.
IV. Wayne Weiten (2004). Psychology Themes and Variations. (6th Ed.). Wadsworth/ Thomson Learning. USA
V. Stephen R. Covey (1989). The 7 Habits of highly effective people. Simon Schuster. Australia and Sydney.

Assessment	**Percentage Mark**
In-course	50
End-semester	50

Course Code	VS1104
Course Title	Animal Restraining and Handling
No. of Credits	1
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):

To introduce the basic principles of handling and restraining of common domestic animal species in Sri Lanka.

Intended Learning Outcomes:

At the end of the course, the students should be able to;

i) select an appropriate method of handling and restraint and use these methods effectively and safely.
ii) assess the risks involved in handling and restraining the animal
iii) monitor the animal's response to handling and restraint and take appropriate action if there is a negative reaction.
iv) identify your own limitations and ensure that you meet the legal responsibilities if any.

Time Allocation (**Hours**)**:** Lectures 04; Demonstrations 5; Practical 12; Independent learning 29

Course Content/ Course Description:

Why animals may require handling and restraint, safe and effective methods of handling different animals and the equipment used, balance lines, blind spots, possible risks involved in handling and how to minimize and respond to them.

Recommended Texts:

VI. Animal Handling Study Guide (2018). Massey University RS Anderson and ETB Edney (1991). Practical Animal Handling.(1st Ed.). Pergamon Press
VII. Kevin J Stafford (1997). Cattle Handling Skills. Massey University, New Zealand
VIII. Safe Cattle Handling (2014). Good Practice Guidelines, New Zealand

Assessment	**Percentage Mark**
In-course	20
End-semester	80

Course Code	VS1105
Course Title	English I
No. of Credits	1
Prerequisites	None
Compulsory/ Optional	Compulsory (Non-GPA)

Aim(s):

To introduce students to Academic English so that they will be able to cope with the change of the medium of instruction from Sinhala/Tamil to English.

Intended Learning Outcomes:

By the end of the course, students will be able to:

i) construct grammatically accurate sentences, engage in formal writing processes of
ii) approximately 500 words.
iii) apply reading comprehension skills in reading general and academic texts.
iv) use the English language effectively to communicate with peers, including articulating ideas and opinions, providing explanations, and generating discussions.
v) use general words and veterinary-specific terms appropriately when communicating in disciplinary contexts and professional clinical settings.

Time Allocation (**Hours**)**:** Lectures 05**,** In-class assignments 20; Independent learning 25

Course Content/Course Description:

Reading: Selected reading passages describing people, places, disciplinary themes (250 – 500 words), texts with appropriate punctuation exercises (full stop, comma, colon, semi-colon, quotation marks, apostrophe), relevant passages with appropriate and sequenced vocabulary elements from Basic Sciences. Writing: Short descriptions of self, immediate environment and selected disciplinary themes from Veterinary Anatomy, Physiology and Biochemistry of up to 500 words, comparing and contrasting information, laboratory reports, clinical histories, formal and informal letters, email and similar communication.

Listening: Instructions and directions, announcements, basic questions and answers, discourse markers (e.g., when comparing and contrasting, talking about similarities, additions, cause and effects, giving examples, marking sequence, etc.), and conjunctions/connectives, short speeches and dialogues, telephone conversations related to general and disciplinary themes.

Speaking: Sharing personal information appropriately, using and explaining quantitative and qualitative data at a basic level, making short speeches, asking and answering questions, communicating in disciplinary contexts and professional clinical settings

Recommended Texts:

IX. Amundson, R. J (2015). An illustrated guide to veterinary medical terminology. Albany NY.–1999.–125–131 p.
X. Herriot, J (1995). James Herriot's Favorite Dog Stories. Martin's Press.
XI. Herriot, J (1998). All Creatures Great and Small. Macmillan.
XII. Hewings, M (2013). Advanced grammar in use with answers: A self-study reference and practice book for advanced learners of English. Cambridge university press.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS1106
Course Title	Integrated Veterinary Sciences I
No. of Credits	1
Prerequisites	None
Compulsory/Optional	Compulsory

Aim(s): To improve students' critical analytical and problem-solving skills using a Problem-Based Learning (PBL) approach, and by doing so, to develop their (i) ability to integrate knowledge gained from different Y1S1 courses, and (ii) understanding of the relevance of Y1S1 courses to the BVSc degree program as a whole.

Intended Learning Outcomes:

At the end of the course, students will be able to;

i) synthesize and integrate material from concurrent subjects to evaluate provided scenarios and to create problem lists,
ii) analyze and synthesize solutions to open-ended questions, complex problems and clinical scenarios,
iii) display a range of professional skills that includes inter-personal skills, team/ collaborative work, communication skills, ICT skills and problem-solving skills,
iv) display intellectual curiosity by finding, managing and applying information from a wide range of sources,
v) display sound professional judgement, with consideration for appropriate ethical, moral and legal principles,
vi) successfully participate in a problem-based learning (PBL) classroom,
vii) develop soft skills (inter-personal skills, team/ collaborative work, communication skills, ICT skills, problem solving skills etc.), and
viii) fine-tune their logical thinking and critical evaluation capabilities so as to study, understand, and analyze knowledge-based problems and to synthesize a suitable solution to solve the problem.

Time Allocation (Hours): In-class assignments 30; Independent learning 20

Course content/ Course description:

The Integrated Veterinary Sciences stem will use a PBL approach. Students will be presented with real-life scenarios/problems related to animal health/ production, for which they will have to integrate concurrent knowledge to develop a testable hypothesis of causation. Course teachers will facilitate students' comprehension of each case scenarios by making connections between course-material and additional information obtained through reading. Students will be expected to develop and practice interpersonal, communication and team working skills and to express appropriate professional behavior.

Recommended Texts:

Recommended review articles and electronic resources including videos relevant to the respective scenarios/ problems will be prescribed during the delivery of the course.

Assessment:	**Percentage Mark**
In-course:	75
End-semester	25

Course Code	VS1107
Course Title	Veterinary Physiology I
No. of Credits	4
Prerequisites	None
Compulsory/Optional	Compulsory

Aim(s):
To introduce the students to principles of physiology with emphasis on homeostasis and neuromuscular, endocrine, cardiovascular, immune and respiratory systems of domestic animals in order to apply this knowledge and skills in the subsequent years of veterinary curriculum.

Intended Learning Outcomes:
At the end of the course, students will be able to;

i) explain the scientific basis of physiological mechanisms.
ii) explain the physiological mechanisms of the blood, immune, nerve, muscle, and secretory cells.
iii) describe the physiological mechanisms of neuromuscular, endocrine, cardiovascular, immune and respiratory systems and appreciate the relationship between such systems.
iv) perform relevant laboratory tests and field examinations to assess physiological functions of above systems.
v) relate physiological principles of above systems to clinical problems.

Time Allocation (Hours): Lectures 30; In-class assignments 30; Practicals 30; Independent learning 110

Course content/ Course description:
General physiology concepts, Physiology of blood, Basic immunology, Physiology of excitable tissues, Basic neurophysiology, Physiology of locomotion, Endocrine physiology, Cardiovascular physiology, Respiratory physiology and Exercise physiology.

Recommended Texts:

I. William O. Reece, Howard H. Erickson, Jesse P. Goff, Etsuro E. Uemura (2015). Dukes'
II. Physiology of Domestic Animals (13th Ed.). Wiley Blackwell
III. Øystein Sjaastad, Olav Sand, Knut Hove (2016). Physiology of Domestic Animals (3rd Ed.). Scandinavian Veterinary Press
IV. Eric P. Widmaier, Hershel Raff, Kevin T. Strang (2019). Vander's Human Physiology (15th Ed.). McGraw-Hill Education
V. Sindhu Sonia, Rose Manoj Kumar, Gupta Meenakshi (2015). Practical Veterinary Physiology (1st Ed.). Kalyani Publishers

Assessment:	**Percentage Mark**
In-course:	30
End-semester	70

Course Code	VS1201
Course Title	Veterinary Anatomy II
No. of Credits	05
Prerequisites	VS1101
Compulsory/ Optional	Compulsory

Aim(s):

To impart knowledge on the topographic, macroscopic, microscopic, and developmental anatomy of the digestive, musculoskeletal (pelvic limb), urogenital, integumentary, and nervous systems of domestic animals to enable the student to be able to apply this knowledge and practice in techniques of the discipline in subsequent years of the veterinary curriculum as required.

Intended Learning Outcomes:

At the end of the course, with reference to the digestive, musculoskeletal (pelvic limb), urogenital, integumentary, and nervous systems of domestic animals, the student should be able to:

i) describe their topographic, macroscopic and microscopic anatomy.
ii) perform the skills (dissection, microscopic skills) gained in the above discipline.
iii) apply the above knowledge to differentiate normal from abnormal conditions in domestic animals.
iv) link the above knowledge and apply them to clinical problems/ situations as required.

Time Allocation (**Hours**)**:** Lectures 45; Practical 60; Independent learning 145

Course content/Course description:

Digestive system; Musculoskeletal system – hindlimb; Urinary system, Reproductive system, Integument; Nervous system and Sensory organs.

Recommended Texts:

I. Dyce, K.M., Sack, W.O and Wensing, C.J.G. (2010). Textbook of Veterinary Anatomy (4th Ed.). Saunders Elsevier Inc., St. Louis, Missouri, U.S.A.
II. Eurell, J.A. and Frappier, B.L. (2006). Dellman's Textbook of Veterinary Histology (6th Ed.). Blackwell Publishing Ltd., Ames, Iowa, U.S.A.
III. McGeady, T.A., Quinn, P.J., Fitzpatrick, E.S., Ryan, M.T., Kilroy, D. and Lonergan, P. (2016). Veterinary Embryology (2nd Edition). Blackwell Publishing Ltd., Oxford, U.K.

Assessment	**Percentage Mark**
In-course	20
End-semester	80

Course Code	VS1202
Course Title	Biochemistry II
No. of Credits	3
Prerequisites	VS1102
Compulsory/ Optional	Compulsory

Aim(s):
To impart knowledge on biochemistry of blood elements, ruminant metabolism, biology of lactation, clinical biochemistry and molecular biology, and provide hands on experience on working in a laboratory environment

Intended Learning Outcomes:
At the successful completion of the course the student will be able to;

i) describe the biochemistry of blood elements,
ii) describe the dietary requirements and digestion in ruminants,
iii) describe the milk composition and synthesis in various animal species,
iv) describe the key elements of clinical diagnosis, including enzymes in clinical diagnosis metabolic disorders, acute phase proteins and urinalysis in dog, cat, cattle, goat and sheep,
v) explain the processes of DNA replication, transcription and translation processes, and
vi) use standard operating protocols to perform simple biochemical experiments to obtain reproducible values and contribute effectively to team presentation.

Time Allocation (**Hours**)**:** Lectures 27; Tutorials 3; Practical 30; Independent learning 90

Course content/ Course description:
StructureandbiochemistryofRBC;structureandfunctionofbloodproteins; bile pigments and jaundice**;** composition, biosynthesis and secretion of milk; lactose intolerance and milk allergy; rumen microorganisms and fermentation; digestion of nutrients in the ruminant; NPN metabolism in rumen; clinical biochemistry**:** organ**-**specific enzymes, urine and acute**-**phase proteins in disease diagnosis; Biochemistry of DNA**:** replication, transcription, protein synthesis, mutations, and basic molecular biology techniques.

Recommended Texts:

I. Berg, J. M., Tymoczko, J. L. and Stryer, L. (2015). Biochemistry (8th Ed.). WH Freeman, NY, USA.
II. Nelson, D. L. and Cox, M. M. (2012). Lehninger Principles of Biochemistry (6th Ed.). WH Freeman, NY, USA.
III. Kaneko, J.J., Harvey J.W., and Bruss M.L. (2008). Clinical Biochemistry of Domestic Animals (6th Ed.). Elsevier, Missouri.
IV. Murray, R.K., Bender, D.A., Botham, K, M., Kennelly P.J., Rodwell, V.W. and Weil, P.A. (2015). Harpers Illustrated Biochemistry (30th Ed.). McGraw-Hill Education, NY, USA.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS1203
Course Title	Professional Studies II
No. of Credits	2
Prerequisites	VS1103
Compulsory/ Optional	Compulsory

Aim(s): To further develop communication skills required by a veterinary professional

Intended Learning Outcomes:

At the end of the course students will be able to;

i) describe the principles of verbal and nonverbal communication and listening, and apply these in interpersonal, small group, public, and organizational contexts, and to obtain a complete, organized, patient-centered history while building a rapport with the client,
ii) explain the value of human-animal bond, explain various cultural and societal attitudes towards animals and the implication of such attitudes on human-animal relationships and impact of companion animals on human health,
iii) demonstrate communication skills to deal with situations such as grief, anger, conflict resolution, referrals and euthanasia
iv) apply key aspects of sociology for the understanding of personal and client behavior, and communicate effectively across multiple cultures
v) understand demographic characteristics of clients including rural small holder farmers in Sri Lanka and effectively communicate and work with them as a leader.
vi) communicate formally using letters, emails, voice calls, other digital platforms, social and mass media, and carryout an effective scientific presentation using Microsoft PowerPoint**.**

Time Allocation (**Hours**)**:** Lectures 15; Practical classes 30; Independent learning 55

Course content/Course description:

An introduction to communication; effective writing skills (email and letter); effective presentation skills; human animal bond; four core skills of communication and Calgary Cambridge guide; dealing with grief and anger and communicating mistakes; conflict/ dispute resolution; culture, communication and media, telephone etiquette, understanding diverse veterinary clients.

Recommended Texts (**if any**)**:**

I. Gray, C. and Moffett, J. (2013). Handbook of Veterinary Communication Skills (1st Ed.). John Wiley and Sons, Chicester, UK.
II. Hill, P., Warman, S. and Shawcross, G. (2011). One Hundred Top Consultations in Small Animal General Practice (1st Ed.). Wiley-Blackwell, Chicester, UK.
III. Powell, L., Rozanski, E.A. and Rush, J.E. (2010). Small Animal Emergency and Critical Care: Case Studies in Client Communication, Morbidity and Mortality (1stEd.). Wiley-Blackwell, Ames, Iowa.
IV. Hall, J.R., Grindstaff, L., & Lo, M. (Eds.) (2012). Handbook of Cultural Sociology. Routledge.
V. Vogt, P.L. (1917). Introduction to Rural Sociology. D. Appleton and Company.

Assessment	**Percentage Mark**
In-course	50
End-semester	50

Course Code	VS1204
Course Title	Animal Behavior and Welfare
No. of Credits	1
Prerequisites	None
Compulsory/ Optional	Compulsory

Aims:

To introduce the fundamental principles of behaviour (ethology) and welfare of common domestic animal species and how these two aspects are compromised during management and role of veterinarian in animal welfare and behaviour.

Intended Learning Outcomes:

At the end of the course the students will be able to;

i) describe normal behaviour of a range of domestic and captive animal species.
ii) recognise common abnormal behaviours in a range of domestic and captive animal species.
iii) describe common ethical perspectives on the use of animals.
iv) explain what animal welfare is, why it matters and how it can be assessed.

Time Allocation (**Hours**)**:** Lectures 12; Practical 06; Independent learning 32

Course Content/Course description:

This course consists of three modules:
Tinbergen's four questions (Ultimate and Proximate causes) of behavior; adaptive significance of a behavior trait in captive animals; normal and abnormal behavior of common domestic and captive animals; domestic animal behavioral concepts in respect to handling and restrain; handling of fearful and anxious animals; animal welfare -two schools of thought on animal welfare; ethics and animal welfare; parameters of animal welfare; development of animal welfare assessment protocols; animal welfare legislature in Sri Lanka; international animal welfare legislature and the role of OIE in maintaining adequate animal welfare; religious animal slaughter; euthanasia and culling; animal transport and welfare; use of animals in experimentation.

Recommended Textbooks:

I. Appleby M. C., Mench J. A., Olsson I. A., & Hughes B. A (2001). Animal Welfare (2nd Ed.). CABI
II. Broom D. M. & Fraser, A. F (2015). Domestic Animal Behaviour and Welfare (5th Ed.). CABI

Assessment	**Percentage of mark**
In-course	30
End-semester	70

Course Code	VS1205
Course Title	English II
No. of Credits	1
Prerequisites	None
Compulsory/ Optional	Compulsory (Non-GPA)

Aim(s): To enable students to further develop their English language skills in order to meet the academic demands of the BVSc Study Program.

Intended Learning Outcomes:

By the end of the course, students will be able to:

i) read, understand and respond to texts of academic and general in nature.
ii) write paragraphs that are academic in nature up to 500-700 words after summarizing and synthesizing information.
iii) demonstrate referencing and citation styles in different forms of written texts.
iv) make short speeches and converse in a variety of settings.

Time Allocation (Hours): Lectures 05; Practical 20; Independent learning 25

Course Content/Course Description:

Reading: academic and professional texts (ex: research papers, case studies) from the main field and subfields of Veterinary Medicine and Animal Science, Reading comprehension passages of general and specific interest to undergraduates taken from anatomy, physiology and biochemistry (of 500-800 words).

Writing: academic and professional text writing (approximately 700 words), visuals (tables, charts, graphs), summarizing and paraphrasing and synthesizing information, data commentaries (qualitative and quantitative), reference and citation style guide.

Listening: short lectures on veterinary-specific areas, answering listening comprehension exercises, identification of main ideas of verbal/visual texts and providing evidence.

Speaking: making impromptu speeches, conducting small-group discussions, delivering short speeches on given topics.

Recommended Texts:

I. Amundson, R. J (2015). An illustrated guide to veterinary medical terminology. Albany NY.–1999.–125–131 p.
II. Englar, R (2019). Writing Skills for Veterinarians. 5m Books Ltd.
III. Herriot, J (1995). James Herriot's Favorite Dog Stories. Martin's Press.
IV. Herriot, J (1998). All Creatures Great and Small. Macmillan.
V. Hewings, M (2013). Advanced grammar in use with answers: A self-study reference and practicebook for advanced learners of English. Cambridge university press

Assessment	Percentage Mark
In-course	40
End-semester	60

Course Code	VS1206
Course Title	Integrated Veterinary Sciences II
No. of Credits	1
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):
To further improve students' critical analytical and problem-solving skills using a Problem-Based Learning (PBL) approach, and by doing so, to (i) develop their ability to integrate knowledge gained from different Y1S1 and Y2S2 courses, and (ii) develop their understanding of the relevance of Y1S2 courses to the BVSc degree program as a whole.

Intended Learning Outcomes:

i) At the end of the course, students will be able to;
ii) demonstrate progression of critical thinking skills from VS1106,
iii) synthesize and integrate material from previous and concurrent subjects to critically evaluate provided scenarios,
iv) analyze and synthesize solutions to open-ended questions, complex problems and clinical scenarios,
v) display a range of professional skills that includes inter-personal skills, team/ collaborative work, communication skills, ICT skills and problem-solving skills,
vi) display Intellectual curiosity by finding, managing and applying information from a wide range of sources, and
vii) display sound professional judgement, with consideration for appropriate ethical, moral and legal principles.

Time Allocation (**Hours**)**:** In-class assignments 30; Independent learning 20

Course content/ Course description:
The Integrated Veterinary Sciences stem will use a student-centered, PBL approach. Students will be presented with real-life scenarios/ problems related to animal health/ production, for which they will have to integrate concurrent knowledge to develop a testable hypothesis of causation. Course teachers will facilitate students' comprehension of each case scenarios by making connections between course-material and additional information obtained through reading. Students will be expected to develop and practice interpersonal, communication and team working skills and to express appropriate professional behavior.

Recommended Texts:
Recommended review articles and electronic resources including videos relevant to the respective scenarios/ problems will be prescribed during the delivery of the course.

Assessment:	**Percentage Mark**
In-course:	75
End-semester	25

Course Code	VS1207
Course Title	Veterinary Physiology II
No. of Credits	3
Prerequisites	None
Compulsory/Optional	Compulsory

Aim(s):
To provide students with a basic understanding of the fundamental processes and physiological mechanisms of digestive, renal, female and male reproductive systems and lactation of domestic animals in order to apply this knowledge and skills in the subsequent years of veterinary curriculum.

Intended Learning Outcomes:

At the end of the course, students will be able to;

i) describe the physiological and control mechanisms of digestive processes of domestic animals.
ii) describe the physiology of renal functions of domestic animals.
iii) explain the hormonal regulation, gametogenesis, reproductive cycle and behavior, pregnancy, parturition and lactation of domestic animals.
iv) perform relevant laboratory tests and field examinations to assess physiological functions of above systems.
v) relate physiological principles of above systems to clinical problems.

Time Allocation (**Hours**)**:** Lectures 30**;** In-class assignments 20; Practicals 04; Field visits 06; Independent learning 90

Course content/ Course description:

Physiology of digestion, Renal physiology, Environmental physiology, Physiology of female reproduction, Physiology of male reproduction, Physiology of avian reproduction and Lactation physiology

Recommended Texts:

I. William O. Reece, Howard H. Erickson, Jesse P. Goff, Etsuro E. Uemura (2015). Dukes'
II. Physiology of Domestic Animals (13th Ed.). Wiley Blackwell
III. Øystein Sjaastad, Olav Sand, Knut Hove (2016). Physiology of Domestic Animals (3rd Ed.). Scandinavian Veterinary Press
IV. Eric P. Widmaier, Hershel Raff, Kevin T. Strang (2019). Vander's Human Physiology (15th Ed.). McGraw-Hill Education
V. Sindhu Sonia, Rose Manoj Kumar, Gupta Meenakshi (2015). Practical Veterinary Physiology (1st Ed.). Kalyani Publishers

Assessment:	**Percentage Mark**
In-course:	30
End-semester	70

Course Code	VS2101
Course Title	General Pathology
No. of Credits	2
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):
To impart knowledge and understanding on the application, terminology and techniques of veterinary pathology; general responses of body tissues to injury and infection; immunopathology; and disorders of cell growth and neoplasia.

Intended Learning Outcomes:
At the successful completion of the course the student should be able to;

i) explain the application of veterinary pathology and terminology used in pathology.
ii) describe and demonstrate different laboratory techniques used in pathology.
iii) categorize different types of injurious agents, describe and identify various changes that occur at organelle, cellular and tissue level as responses.
iv) identify and describe the lesions associated with inflammation and circulatory disturbances.
v) describe and identify lesions associated with disorders of growth and various types of neoplasia based on their behavior.
vi) perform a necropsy with confidence, sample collection, proper dispatch, record and report the findings using terminology in pathology.
vii) describe pathogenesis due to infectious agents.

Time Allocation (**Hours**): Lectures 15; In-class assignments 14; Practical 16; Independent learning 55

Course content/ Course description:
Introduction to pathology: Terminology, approaches, molecular techniques and field techniques; Cellular injury, types of degeneration and necrosis, pigmentation; Vascular abnormalities including haemorrhage, hyperaemia, congestion and oedema; Susceptibility and resistance to disease, mechanism of damage to the host, tissue tropism of pathogens, and persistence of infection.
Inflammation: Classification, signs, cellular events, and chemical mediators of inflammation; Humoral amplification system, tissue regeneration and healing.
Disorders of cell growth: Anomalies and malformations, neoplasia.

Recommended Texts:

I. Slauson, D. O., Cooper, B. J. (2001). Mechanisms of Disease A Textbook of Comparative General Pathology. 3rd ed. Mosby.
II. Thomson, R. G. (2000). General Veterinary Pathology. 3rd ed. W B Saunders Co.
III. Zachary, J. F. and McGavin, M. D. (2011). Pathologic Basis of Veterinary Diseases. 5th ed. Mosby.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS2102
Course Title	Veterinary Bacteriology and Mycology
No. of Credits	3
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):
To provide knowledge on common bacterial and fungal diseases of veterinary and zoonotic importance including their transmission, pathogenesis, diagnosis, treatment, control, eradication, and where applicable, outbreak control procedures.

Intended Learning Outcomes:
At the successful completion of the course the student will able to;

i) demonstrate routine biosafety and personal safety protocols in a microbiological laboratory, and perform basic sterilization techniques,
ii) describe the morphology and growth characteristics of pathogenic bacteria and fungi and apply that knowledge to compare and contrast the mechanisms of virulence in major groups of pathogens,
iii) predict the course of an infection based on the principles of pathogenesis and evaluate the epizootic and zoonotic risk,
iv) demonstrate the standard collection and dispatch procedures of samples for microbiology and perform standard laboratory tests for diagnosing major groups of pathogens,
v) explain the requirements of national and international (OIE) disease reporting system,
vi) choose appropriate antimicrobial agent/ s against major classes of pathogens and recommend best practices to prevent the development of antimicrobial resistance, and
vii) develop strategies to control, treat and eradicate a disease outbreak.

Time Allocation (**Hours**): Lectures 25; Tutorials 5; In-class assignments 10; Practical 20; Independent learning 90

Course content/ Course description:
Structure, growth, reproduction and mechanisms of virulence of pathogenic bacteria and fungi**;** major pathogenic Gram positive and Gram positive bacteria, and fungi; pathogenesis of diseases caused by these organisms; general features of fungal diseases; requirements of international disease reporting systems; prudent use of antimicrobials; standard laboratory methods for diagnosing these organisms; control, treatment and eradication of the diseases caused by major groups of pathogenic bacteria and fungi; biosafety and personal safety protocols and sterilization techniques**.**

Recommended Texts:

I. Quinn, P. J., Markey, B. K., Leonard, F. C., Hartigan, P., Fanning, S. and K E. S. FitzPatric, (2011) Veterinary Microbiology and Microbial Disease (2nd Ed.), Wiley-Blackwell
II. Markey, B., Leonard, F., Archambault, M., Cullinane, A. and D. Maguire (2011) Clinical Veterinary Microbiology (2nd Ed.), Mosby
III. Merck Veterinary Manual, available at: http://www.merckvetmanual.com/mvm/index.html

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS2103
Course Title	Immunology
No. of Credits	2
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(**s**)**:** To provide a broad understanding of the immune system including innate and adaptive immune responses, immune-mediated disorders and fundamentals of vaccinology.

Intended Learning Outcomes:

i) At the end of the course the students will be able to;
ii) describe and distinguish the structure and function of the various components of the innate and specific immune system,
iii) compare and contrast the structure and functions of the immune systems among mammals, avian and fish,
iv) explain the immune effector mechanisms against common pathogens based on their biology in the host,
v) describe the general strategies adopted by the pathogens to evade the host's immune responses,
vi) describe the advantages and disadvantages of different immunodiagnostic techniques employed in veterinary practice and interpret the qualitative and quantitative (numerical) data obtained from the immune diagnostic tests,
vii) explain immune-pathological mechanisms of hypersensitivity reactions, autoimmunity and immune deficiency and discuss their clinical consequences,
viii) appraise the role of different types of vaccines and vaccination strategies to control diseases of livestock, poultry, companion animals and aquatic animals at individual, and herd/flock/farm basis, and
ix) explain the importance of monitoring vaccination programs and the significance of achieving herd immunity in the prevention and control of animal diseases.

Time Allocation (**Hours**)**:** Lectures 26; Tutorials 2; Practical 4; Independent learning 68

Course content/ Course description: This course consists of four modules:
Module I: General immunology- structure of the immune system; innate immunity; specific immunity; immunity in poultry and fish**.**
Module II: Immunodiagnosis- immunodiagnostic techniques; principles, properties, advantages and drawbacks of common immunodiagnostic techniques; interpretation of the results of immunodiagnostic tests.
Module III: Immunity to infection- immune effector mechanisms against pathogens; strategies adopted by pathogens to evade the host's immune responses; immune mediated disorders.
Module IV: Vaccines; vaccination strategies adopted for domestic animals, poultry and fish; monitoring of vaccination programs; vaccination failure and herd immunity.

Recommended Texts:

I. Tizard, I.R. (2013). Veterinary Immunology (9th Ed). Elsevier, Missouri, USA.
II. Day, M.J. and Schultz, R.D. (2012). Veterinary Immunology – Principles and Practice. Manson Publishing, London.
III. Callahan, G.N. and Yates, R.M. (2014). Basic Veterinary Immunology. University Press of Colorado, Colorado, USA.
IV. Day, M. (2012) Clinical Immunology of Dog and Cat. (2nd Ed). Manson Publishing, London.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS2104
Course Title	Veterinary Parasitology I
No. of Credits	2
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):
To provide knowledge on common nematode and cestode infections of veterinary and zoonotic importance including their transmission, pathogenesis, diagnosis, treatment, control, and where applicable, outbreak control procedures.

Intended Learning Outcomes:
At the end of the course the students will be able to;

i) explain the life cycle, mode of transmission, pathogenesis and clinical manifestation of common nematode and cestode infections of veterinary importance,
ii) collect appropriate samples from sick, dead and apparently healthy, animals and perform suitable laboratory techniques to diagnose nematode and cestode infections,
iii) interpret the qualitative and quantitative data obtained from the laboratory in context with the clinical manifestation,
iv) explain treatment, prevention and control of nematode and cestode infections of veterinary importance
v) apply the fundamental knowledge and skills to review the situation in the field to design strategic measures to control of nematode and cestode infections in livestock and poultry,
vi) describe the zoonotic importance of nematode and cestode infections of domestic animals, and
vii) communicate effectively with farmers, clients and public about the pathogenic, economic and zoonotic aspects of nematodes and cestodes and the importance of control of parasitism in domestic animals.

Time Allocation (**Hours**)**:** Lectures 22; Tutorials 2; Practical 12; Independent learning 64

Course content/ Course description: This course consists of two modules:
Module I: Nematodes – Morphology, life cycle, pathogenesis, clinical manifestations and treatment of veterinary and/ or zoonotically important nematodes of livestock, poultry and companion animals - ascarids, strongyloides, strongyles, trichostrongyles, metastrongyles, spiruroides and filarids; collection of samples and laboratory diagnostic procedures; interpretation of laboratory results; strategies available for the prevention and control of nematodes under local conditions. **Module II: Cestodes** - Morphology, life cycle, pathogenesis, clinical manifestations and treatment of veterinary and/ or zoonotically important cestodes of livestock, poultry and companion animals – *Moniezia, Avitellina, Anoplocephala, Dipylidium, Taenia, Echinococcus, Davainae, Raillietina* and *Diphyllobothridium*; laboratory diagnosis; treatment; prevention and control under local conditions.

Recommended Texts:

I. Taylor, M.A., Coop, R.L. and Wall, R.L. (2008) Veterinary Parasitology (3rd Ed). Blackwell Publishing,Oxford.
II. Zajac, A.M.M. and Conboy, G.A. (2012). Veterinary Clinical Parasitology (8th Ed). Wiley – Blackwell, Oxford.
III. Bowman, D.D. (2014). Georgis' Parasitology for Veterinarians (10th Ed). Elsevier, Missouri,USA.
IV. Souslby, E.J.L. (1982). Helminths, Arthropods and Protozoa of Domesticated Animals (7th Ed.). Bailliere- Tindall, London.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS2105
Course Title	Animal Nutrition
No. of Credits	2
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):

To impart knowledge and hands-on experience on classification and nutrient composition of feed resources, feed additives, supplements, feed evaluation, nutritional requirements, feed formulation, and feed processing with an emphasis on poultry, swine, fish, shrimp, horses, and pet animals.

Intended Learning Outcomes: At the end of the course, students should be able to;

i) describe the common terminology related to animal nutrition, different categories of feed/food evaluations, and methods used for evaluations.
ii) identify and describe the importance of protein and energy-rich concentrate-feed ingredients and roughages and their conservation methods.
iii) define and classify feed additives, micro and macro minerals, water, and fat-soluble vitamins and their functions, deficiencies, toxicities, and dietary sources.
iv) explain the importance of balanced nutrition and understand the nutritional requirements according to the life stages and physiological conditions of poultry, swine, fish, shrimp, dogs, cats, and horses with reference to standards.
v) identify the types of feed/food and feed formulation for poultry, swine, fish, shrimp, dogs, cats, and horses.
vi) explain the feed manufacturing process and selection of feed ingredients in commercial feed mills.

Time Allocation (**Hours**)**:** Lectures 15; Practical 14; Field Work 24; Independent learning 47

Course content/ Course description:

Principles of animal nutrition: Classification and evaluation of feeds; Origin and characteristics of forages and concentrates; Micronutrients (vitamins, minerals, and trace elements); Sources, deficiencies, imbalances, supplements, and feed additives; Identification and selection of feed ingredients; feed processing in commercial feed mills.

Monogastric nutrition: Introduction to poultry nutrition (digestive system and feed metabolism); Nutritional requirements, practical feeding, feed formulation, and processing for chicken, pigs, fish, shrimp, dogs, cats, and horses according to their different life stages and physiological conditions.

Recommended Texts:

I. McDonald, Peter. (2010). Animal Nutrition. 7th ed. Benjamin/Cummings Publishing Company, Inc. California.
II. Dryden, G. (2008). Animal Nutrition Science. Wallingford, UK: CAB International.
III. National Research Council. (1998). Nutrient Requirements of Swine: 10th Revised Edition. Washington, DC: The National Academies Press. https://doi.org/10.17226/6016.
IV. Reddy, V. Ramasubba (ed.). (2001). Handbook of Poultry Nutrition. New Delhi: American Soybean Association.
V. D'Mello, J.P.F. (ed.). (2000). Farm Animal Metabolism and Nutrition. Wallingford, Oxon: CAB International.

Assessment:	**Percentage Mark**
In-course**:**	40
End-semester	60

Course Code	VS2106
Course Title	Integrated Veterinary Sciences III
No. of Credits	1
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):
To further improve students' critical analytical and problem-solving skills using a Problem-Based Learning (PBL) approach, and by doing so, (i) to develop their ability to integrate knowledge gained from different courses learned to-date, and (ii) to develop their understanding of the relevance of Y2S1 courses in the context of the BVSc degree program

Intended Learning Outcomes:
At the end of the course, students will be able to;

i) demonstrate progression of critical thinking skills from VS1212,
ii) synthesize and integrate material from previous and concurrent subjects to critically evaluate provided scenarios,
iii) analyze and synthesize solutions to open-ended questions, complex problems and clinical scenarios,
iv) display a range of professional skills that includes inter-personal skills, team/ collaborative work, communication skills, ICT skills and problem-solving skills,
v) display Intellectual curiosity by finding, managing and applying information from a wide range of sources, and
vi) display sound professional judgment, with consideration for appropriate ethical, moral and legal principles.

Time Allocation (**Hours**): In-class assignments 30; Independent learning 20

Course content/ Course description:
The Integrated Veterinary Sciences stem will use a student-centered, PBL approach. Students will be presented with health and/ or management-related problems that will require them to integrate topics covered to-date, with reference to anatomy, physiology, biochemistry, pathology, nutrition and animal science, to understand the etiology and development of the given problem and to come up with possible solutions. Course teachers will facilitate students' comprehension of each case scenarios by making connections between course-material and additional information obtained through reading. Students will be expected to develop and practice interpersonal, communication and team working skills and to express appropriate professional behaviour.

Recommended Texts:
Recommended review articles and electronic resources including videos relevant to the respective scenario/ problem will be prescribed during the delivery of the course

Assessment:	**Percentage Mark**
In-course:	75
End-semester	25

Course Code	VS2107
Course Title	Monogastric Production
No. of Credits	3
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s): To impart knowledge, understanding and hands on experience on the management of domestic chicken (broilers, layers, and breeders), swine, micro-livestock (rabbit) and other poultry species (quails, ducks, turkey, etc.) with emphasis on managing different production stages of poultry and swine required for veterinary practice.

Intended Learning Outcomes:

At the end of the course, students should be able to;

i) discuss the national and global status, the breeds of poultry, swine, and minor livestock industry, and major challenges to future growth.
ii) describe and implement the different management practices required for commercial layer and broiler production systems.
iii) explain standard management practices for producing quality day-old chicks by managing parents and hatchery operations.
iv) explain the concepts of record keeping, performance monitoring, farm planning and budgeting, and financial evaluations for a range of poultry production systems.
v) describe and display practical skills in the management and breeding of pigs, biosecurity, and performance evaluation.
vi) describe the management practices for minor livestock (rabbits) and poultry species (quails, ducks, turkey, etc.).
vii) explain the market networks of poultry, pig, and minor livestock products.

Time Allocation (**Hours**): Lectures 30; Practicals 14; Field work 24; Independent learning 82

Course content/ Course description:

Commercial poultry production and management: National and global status, challenges, breeds, strains, and lines used in different poultry production systems; Different management practices required for broiler and layer production systems; Management practices required for parents, and hatchery operations to produce quality chicks; Record maintenance, performance monitoring, economic evaluation, farm planning and budgeting for different poultry production systems.

Swine production: Present status, important breeds, and breeding methods applied in swine production; Important management aspects including housing and feeding for optimum performance in breeder and commercial fattener operations of pigs; Principles and types of biosecurity measures; Market networks, record keeping, performance monitoring, and financial evaluation; Planning of breeder and a commercial swine farm.

Micro livestock: Rabbit, backyard poultry, quail, turkey, and duck production; Breeds, utilization, breeding, and management.

Recommended Texts:

I. Frank, F. and James, R. G. (2015). *Modern Livestock and Poultry Production*. Cengage Learning.
II. Sainsbury, D. (2004). *Poultry Health and Management: Chickens, Turkeys, Ducks, Geese. Quail* 4th edition, Oxford, Blackwell Science LTD.
III. Bell, D.D. and Weaver, W. D. Jr. (2002). *Commercial Chicken Meat and Egg Production*, Springer, New York.
IV. Daghir, N. J. (2008). *Poultry Production in Hot Climates.* UK: CAB international.
V. Dimri, U. and Sharma, M. C. (2013). *Swine Production and Health*. New India Pub. Agency.
VI. Abraham, J. (2020). *Swine Production and Management*. Taylor & Francis Group.
VII. Board on Science and Technology for International Development, (1991). *Microlivestock: Little Known Small Animals with a Promising Economic Future.* Washington: National Academy Press.
VIII. Lukefahr, S. D., McNitt, J. I., Cheeke, P. R., Patton, N. M. (2022). *Rabbit Production*. UK: CAB international.

Assessment:	**Percentage Mark**
In-course:	40
End-semester	60

Course Code	VS2108
Course Title	English III
No. of Credits	1
Prerequisites	None
Compulsory/ Optional	Compulsory (Non-GPA)

Aim(s): To enable students to use English language to read, write, listen, speak and respond to various disciplinary related subject content.

Intended Learning Outcomes:

By the end of the course, students should be able to:

i. read, understand and respond to discipline-oriented texts by making inferences and distinguishing between facts, suppositions, opinions and arguments.
ii. write articles and tutorials related to different genres of writing in an argumentative and critical fashion following appropriate referencing formats.
iii. listen to authentic or adapted subject-related texts with different language registers (e.g., Veterinary medicine, political, economic and everyday social contexts).
iv. conduct presentations and face question and answer sessions.

Time Allocation (**Hours**)**:** Lectures 05; In-class assignments 20; Independent learning 25

Course Content/Course Description:

1. Reading: Sample answers to essay-type questions or reports; Understanding implied meaning in Veterinary Medicine and Animal Science (e.g., Veterinary Parasitology, Veterinary Pathology, Immunology, Microbiology) related texts (800-1000); Answering questions of fact, supposition, opinion, analysis and argumentation; Reading comprehension passages from different genres, advanced skimming and scanning exercises; Error correction and understanding of advanced grammar.

2. Writing**:** Articles and assignments preparation, use of appropriate titles, topics and headlines, development of subjects/topics in essays, preparation of tutorials, familiarity with diverse genres and styles of writing, including expository, academic, argumentative texts, reference formats, and understanding of grammatical structures.

3. Listening: Lectures on topics of academic/professional interest to undergraduates, question and answer sessions; Listening comprehension exercises at appropriate difficulty levels; Identifying discourse markers (e.g., when comparing and contrasting, talking about similarities, additions, cause and effects, giving examples, marking sequence, etc.), familiarity with language registers (e.g., Veterinary Parasitology, Veterinary Pathology, Immunology, Microbiology).

4. Speaking: Informal group discussions, panel discussions; Asking and answering questions on diverse subject areas, short formal presentations, addressing post-presentation feedback (including queries); Using discourse markers (e.g., when comparing and contrasting, talking about similarities, additions, cause and effects, giving examples, marking sequence, etc.).

Recommended Texts:

I. American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7th ed.). https://doi.org/10.1037/0000165-000.
II. Amundson, R. J. (2015). *An illustrated guide to veterinary medical terminology*. Albany NY.–1999.–125–131 p.
III. Englar, R. (2019). *Writing Skills for Veterinarians*. 5m Books Ltd.
IV. Hewings, M. (2013). *Advanced grammar in use with answers: A self-study reference and practice book for advanced learners of English*. Cambridge university press.

Assessment:	**Percentage Mark**
In-course:	40
End-semester	60

Course Code	VS2201
Course Title	Systemic Pathology
No. of Credits	4
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):

To impart knowledge and understanding on the pathogenesis, different aetiologies, pathophysiology (compensatory mechanisms) and sequelae of common diseases of the cardiovascular, respiratory, gastrointestinal, musculoskeletal, reproductive, urinary, nervous, endocrine, integumentary, and hematopoietic systems, liver, exocrine pancreas, and special organs of domestic and farm animals; and on necropsy and identification of lesions, sample collection and dispatch for diagnosis from above systems.

Intended Learning Outcomes:

On successful completion of the course, students should be able to;

i) describe the aetiology, pathogenesis, pathophysiology, and sequel of congenital and acquired (including infectious, non-infectious and neoplastic diseases) of the cardiovascular, respiratory, gastrointestinal, musculoskeletal, reproductive, urinary, nervous, endocrine, integumentary, and haematopoietic systems along with the liver, exocrine pancreas, and special organs.

ii) perform necropsy, sample collection, proper dispatch, record and report the findings using terminology in pathology and,

iii) identify gross and microscopic lesions from infectious, non-infectious and neoplastic diseases of cardiovascular, respiratory, gastrointestinal, musculoskeletal, reproductive, urinary, nervous, endocrine, integumentary, and haematopoietic systems along with the liver, exocrine pancreas, and special organs.

Time Allocation (Hours): Lectures 30; In-class assignments 30; Practical 30; Independent learning 110

Course Content:

Pathology of the cardiovascular system: Postmortem changes of the CVS; Examination of CVS; Congenital and acquired lesions of the heart and major vasculature; Compensatory mechanisms for cardiac insufficiency. Pathology of the respiratory system: Postmortem examination; Congenital and acquired lesions of the upper and lower respiratory tract.

Pathology of the gastrointestinal system: Postmortem examination; Congenital and acquired lesions of the mouth, oesophagus, simple and complex stomach and intestines; Pathology of the liver and pancreas, hepatic response to injury; Congenital and acquired lesions of the liver and pancreas; Pancreatic insufficiency. Pathology of the haematopoietic system: Leukocyte response for peripheral diseases; Myeloid neoplasms; anaemia; Disorders of the spleen; Degenerative and inflammatory diseases of lymph nodes; Lymphoid neoplasms.

Pathology of the musculoskeletal system: Congenital and acquired myopathies, disorders of the neuro-muscular junction; Congenital and acquired lesions of bone, including the response of bone to injury. Pathology of the nervous system: Responses of the CNS to injury, developmental and congenital anomalies of the CNS, infectious and prion diseases; Traumatic injury; Vascular disturbances, toxicities and neoplasia. Pathology of the urinary system: Developmental anomalies; Circulatory disturbances, degenerative and neoplastic diseases, renal failure; Congenital and acquired lesions of the lower urinary tract; Urolithiasis. Pathology of the integumentary system: Responses to injury, congenital and acquired lesions of the integument/adnexa.

Pathology of the reproductive system: Congenital and acquired lesions of the male and female reproductive organs, including the pregnant uterus and fetus.

Pathology of the endocrine system: Diseases of pituitary, adrenal cortex and medulla, thyroid, parathyroid and endocrine pancreas.

Pathology of special organs: Diseases of the eye and ear.

Recommended Texts:

I. Slauson, D. O. and Cooper, B. J. (2001). Mechanisms of Disease: A Textbook of Comparative General Pathology (3rd Ed.) Mosby.

II. Thomson, R. G. (2000). General Veterinary Pathology (3rd Ed.). W B Saunders Co.

III. Zachary, J. F. and McGavin, M. D. (2011). Pathologic Basis of Veterinary Disease (5th Ed.). Mosby.

IV. McGavin, M. D., Carlton, W.W. and Zachary, J. F. (2000). Thomson's Special Veterinary Pathology (3rd Ed.) Mosby.

V. Maxie, G. (2015). Jubb, Kennedy and Palmer's Pathology of Domestic Animals: 3-Volume (6th Ed.). Saunders Ltd.

Assessment	Percentage Mark
In-course	40
End-semester	60

Course Code	VS2202
Course Title	Veterinary Parasitology II
No. of Credits	2
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):
To provide knowledge on common nematode and cestode infections of veterinary and zoonotic importance including their transmission, pathogenesis, diagnosis, treatment, control, and where applicable, outbreak control procedures.

Intended Learning Outcomes:
At the end of the course the students will be able to;

i) explain the life cycle, mode of transmission, pathogenesis and clinical manifestation of common nematode and cestode infections of veterinary importance,
ii) collect appropriate samples from sick, dead and apparently healthy, animals and perform suitable laboratory techniques to diagnose nematode and cestode infections,
iii) interpret the qualitative and quantitative data obtained from the laboratory in context with the clinical manifestation,
iv) explain treatment, prevention and control of nematode and cestode infections of veterinary importance
v) apply the fundamental knowledge and skills to review the situation in the field to design strategic measures to control of nematode and cestode infections in livestock and poultry,
vi) describe the zoonotic importance of nematode and cestode infections of domestic animals, and
vii) communicate effectively with farmers, clients and public about the pathogenic, economic and zoonotic aspects of nematodes and cestodes and the importance of control of parasitism in domestic animals.

Time Allocation (Hours): Lectures 22; Tutorials 2; Practical 12; Independent learning 64

Course content/ Course description: This course consists of two modules:
Module I: Nematodes – Morphology, life cycle, pathogenesis, clinical manifestations and treatment of veterinary and/ or zoonotically important nematodes of livestock, poultry and companion animals - ascarids, strongyloides, strongyles, trichostrongyles, metastrongyles, spiruroides and filarids; collection of samples and laboratory diagnostic procedures; interpretation of laboratory results; strategies available for the prevention and control of nematodes under local conditions. **Module II: Cestodes** - Morphology, life cycle, pathogenesis, clinical manifestations and treatment of veterinary and/ or zoonotically important cestodes of livestock, poultry and companion animals – *Moniezia, Avitellina, Anoplocephala, Dipylidium, Taenia, Echinococcus, Davainae, Raillietina* and *Diphyllobothridium*; laboratory diagnosis; treatment; prevention and control under local conditions.

Recommended Texts:

I. Taylor, M.A., Coop, R.L. and Wall, R.L. (2008) Veterinary Parasitology (3rd Ed). Blackwell Publishing,Oxford.
II. Zajac, A.M.M. and Conboy, G.A. (2012). Veterinary Clinical Parasitology (8th Ed). Wiley – Blackwell, Oxford.
III. Bowman, D.D. (2014). Georgis' Parasitology for Veterinarians (10th Ed). Elsevier, Missouri,USA.
IV. Souslby, E.J.L. (1982). Helminths, Arthropods and Protozoa of Domesticated Animals (7th Ed.). Bailliere- Tindall, London.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS2203
Course Title	Introduction to Veterinary Clinical Practice
No. of Credits	2
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):

i) To familiarize students with the management, functions and practices of the Companion Animal Veterinary Teaching Hospital (CA/ VTH), Farm Animal Veterinary Teaching Hospital (FA/ VTH) and Veterinary Teaching Farm (VTF).
ii) To develop students' skills of general clinical examination, principles of anesthesia and general surgical methods in companion and farm animals.

Intended Learning Outcomes:

At the successful completion of the course the student will able to;

i) work in the CA/ VTH, FA/ VTH and VTF under the supervision of veterinary clinical staff while adhering to standard operational procedures, proper etiquette and safety procedures,
ii) perform general clinical examinations on companion and farm animals under the supervision of clinical staff,
iii) explain the basic surgical and anesthetic and analgesic procedures, and
iv) identify the general surgical instruments and different suture materials and use such instruments and material on animals under the supervision of veterinary clinical staff.

Time Allocation (Hours): Lectures 22; Demonstrations (Clinical) 6; Clinical work 6; Independent learning 66

Course content/ Course description:

This course is organized as the starting point in veterinary clinical training for veterinary undergraduates, which starts with a guided tour and introduction to units of the hospital/ ambulatory service, hospital records and staff. Contents includes clinical examination: explanation, performance and basic interpretation of clinical examination of companion animals, cattle and horses; terminology, key equipment and instruments; recognizing an emergency patient; handling and restraint of dogs, cats, cattle and horses; surgery and anaesthesia: general principles of operative surgery and anaesthesia, including terminology, evaluation of the patient and key equipment/ instruments; basic techniques of surgery and anaesthesia; management of the surgical patient until anesthetic recovery and discharge from the clinic.

Recommended Texts:

I. Jackson, P. and Cockcroft, P. (2008). Clinical examination of farm animals. John Wiley and Sons.
II. Platt, S. R. and Olby, N. J. (2014). BSAVA manual of canine and feline neurology (4th Ed.), British Small Animal Veterinary Association.
III. Chitty, J. and Lierz, M. (2008). BSAVA manual of raptors, pigeons and passerine birds. British Small Animal Veterinary Association.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS2204
Course Title	Veterinary Virology
No. of Credits	2
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):
To provide knowledge on common viral diseases of veterinary and zoonotic importance including their transmission, pathogenesis, diagnosis, treatment, control, and where applicable, outbreak control procedures.

Intended Learning Outcomes:
At the end of the course, the students will be able to;

i) compare morphology, composition and characteristics of pathogenic animal viruses with other microorganisms,
ii) appraise different virus classification systems used in virology,
iii) describe host-virus relationship and the mechanisms by which the viruses cause diseases,
iv) perform conventional virological techniques and discuss advanced diagnostic techniques,
v) provide advice on the implementation of principles of virus disease prevention, control and eradication,
vi) explain the biology of pathogenic DNA and RNA viruses in relation to respective diseases,
vii) explain how to select, collect, process and dispatch appropriate samples to perform or request laboratory diagnosis to confirm important animal viral diseases, and
viii) recommend appropriate prevention and control measures for common animal viral diseases.

Time Allocation (**Hours**): Lectures 25; Tutorials 2; Practical 6; Independent learning 67

Course content/Course description: This course consists of three modules:
Module I: General Virology - structure, chemical composition of viruses in comparison to other microorganisms; different virus classification systems; host-virus relationships; viral genetics; conventional virological techniques.
Module II: Animal Diseases caused by DNA Viruses - diseases caused by the members of *Adenoviridae*, *Parvoviridae*, *Herpesviridae*, *Poxviridae*, *Papillomaviridae* and *Circoviridae* families.
Module III: Animal Diseases caused by RNA Viruses - diseases caused by *Rhabdoviridae*, *Orthomyxoviridae*, *Paramyxoviridae*, *Coronaviridae*, *Picornavidae, Reoviridae*, *Retroviridae*, *Birnaviridae*, *Arteriviridae* and *Flaviviridae* virus families.

Recommended Texts:

I. Maclachain, N. J. and Dubovi, E.J. (2016). Fenner's Veterinary Virology (5th Ed.). Academic Press, USA.
II. Quinn,P. J., Markey, B. K., Leonard, F. C., Fitzpatrick, E. S., . Fanning, S. and Hartigan, P. (2011). Veterinary Microbiology and Microbial Disease (2nd Ed.). Wiley-Blackwell, UK.
III. http://www.oie.int/en/publications-and-documentation/scientific-and-technical-review-free-access
IV. http://www.virology.net

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS2205
Course Title	Ruminant Production
No. of Credits	4
Prerequisites	None
Compulsory/ Optional	Compulsory

Aim(s):
To provide students with the knowledge of basic principles and training for proficiently managing various farmed ruminant species, evaluating farms, advising farmers, and formulating appropriate feeds for optimal production performance.

Intended Learning Outcomes: On successful completion of the course, students should be able to,

i) evaluate the livestock industry in Sri Lanka, emphasizing its contribution to the national and rural economies.
ii) contrast the major farming and ruminant management systems with respective to different agro-climatic zones in Sri Lanka.
iii) identify local and imported breeds of cattle, goats, and sheep present in Sri Lanka and describe their distinctive traits and functions and suggest their suitability for specific agro-climatic zones.
iv) evaluate the various management practices respective to the different scales (small, medium, and large) of farms.
v) assess the production status of farm ruminants and advise on corrective measures.
vi) identify feedstuff available in Sri Lanka for farm ruminants.
vii) calculate nutrient requirements for different production stages of farm ruminants.
viii) formulate locally available feed-based rations for ruminants across diverse agro-ecological zones, while recommending practical feeding strategies.

Time Allocation (**Hours**): Lectures 42; Tutorials 3; Practical 10; Fieldwork 30; Independent learning 115

Course content/ Course description:
Current status of the Sri Lankan livestock industry; Importance of livestock products in feeding the local population; Role of the veterinarian in the livestock industry; Different farming systems that exist in Sri Lanka; Management of cattle, buffaloes, sheep and goats; Current best practices for managing calves, heifers, parturient cows, lactating cows, dry cows, transition cows, sheep and goats including modern concepts of herd management.
Principles of ruminant nutrition and digestion; Practical feeding; Basic feed formulation; Feed conservation

Recommended Texts:

I. Moran, J. (2002). *Calf Rearing - A Practical Guide*. Collingwood, Landlinks Press.
II. Moran, J. (2005). *Tropical Dairy Farming - Feeding Management for Small Holder Dairy Farmers in the Humid Tropics*. Collingwood, Landlinks Press.
III. Moran, J. (2012). *Managing High Grade Dairy Cows in the Tropics*. CSIRO Publishing.
IV. Faerber, C. W. (2004). *Small Ruminant Production, Medicine & Management (Sheep and Goats)*. Animal Health Publications.
V. Anderson, D. E. (2008). *Current Veterinary Therapy Food Animal Practice*. Elsevier Health Sciences.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS2206
Course Title	English IV
No. of Credits	1
Prerequisites	None
Compulsory/ Optional	Compulsory (Non-GPA)

Aim(s):

To enable students to comprehensively communicate using both written and oral skills in a variety of simulated clinical, professional and academic contexts.

Intended Learning Outcomes:

On successful completion of the course, students should be able to:

i) read, understand and respond critically to authentic academic and general texts containing advanced grammatical structures.
ii) write research abstracts and argumentative essays referring to appropriate information literacy sources.
iii) listen to and speak in simulated clinical scenarios using appropriate language structures.

Time Allocation (Hours): Lectures 05; In-class assignments 20; Independent learning 25

Course Content/Course Description:

Reading: Critical reading and evaluation of authentic academic and general texts (1500 and above) related to companion animals, farm animal production and health, veterinary public health, veterinary pharmacology and food science and quality assurance containing advanced grammatical structures.
Writing: Development of subjects/topics in research papers; Writing research abstracts (800 and above) substantiating and validating one's arguments using primary and secondary sources and finding reliable information literacy sources.
Listening: Listening critically and empathetically; Listening to extract both salient information and details in descriptions and explanations of symptoms, effects and processes in professional and clinical settings; Comprehending different registers.
Speaking: Expressing opinions coherently, agreeing/disagreeing, learning appropriate language for formal academic presentations; Conducting practice presentations / enacting role plays and simulations of professional and clinical scenarios.

Recommended Texts:

I. Amundson, R. J. (2015). *An illustrated guide to veterinary medical terminology*. Albany NY.1999. 125–131 p.
II. Englar, R. (2019). *Writing Skills for Veterinarians*. 5m Books Ltd.
III. Hewings, M. (2013). *Advanced grammar in use with answers: A self-study reference and practice book for advanced learners of English*. Cambridge university press.

Assessment:	**Percentage Mark**
In-course:	40
End-semester	60

Course Code	VS2207
Course Title	Integrated Veterinary Sciences IV
No. of Credits	1
Prerequisites	VS2106
Compulsory/ Optional	Compulsory

Aim(s):
To further improve students' critical analytical and problem-solving skills using a Problem-Based Learning (PBL) approach, and by doing so, (i) to develop their ability to integrate knowledge gained from different pre- and para- clinical disciplines/courses, and (ii) to develop their understanding of the importance of 2nd year courses in the context of the BVSc degree program

Intended Learning Outcomes:
At the end of the course, students will be able to;

i) demonstrate progression of critical thinking skills from VS2118,
ii) synthesize and integrate material from previous and concurrent subjects to critically evaluate provided scenarios,
iii) analyze and synthesize solutions to open-ended questions, complex problems and clinical scenarios,
iv) formulate an action plan based upon the solution to these problems,
v) display a range of professional skills that includes inter-personal skills, team/ collaborative work, communication skills, ICT skills and problem-solving skills,
vi) display Intellectual curiosity by finding, managing and applying information from a wide range of sources, and
vii) display sound professional judgment, with consideration for appropriate ethical, moral and legal principles.

Time Allocation (**Hours**): In-class assignments 30; Independent learning 20

Course content/ Course description:
The Integrated Veterinary Sciences stem will use a student-centered, PBL approach. Students will be presented with health and/ or management-related problems that will require them to integrate topics covered to-date, with particular reference to the pathophysiology of disease through the integration of pre-clinical and para-clinical disciplines with clinical and animal production sciences. Course teachers will facilitate students' comprehension of each case scenarios by making connections between course-material and additional information obtained through reading. Students will be expected to develop and practice interpersonal, communication and teamworking skills and to express appropriate professional behaviour.

Recommended Texts:
Recommended review articles and electronic resources including videos relevant to the respective scenario/problem will be prescribed during the delivery of the course

Assessment:	**Percentage Mark**
In-course:	75
End-semester	25

Course Code	VS3101
Course Title	Clinical Pathology and Diagnostics
No. of Credits	3
Prerequisites	Successful completion of all Y1S1 & Y1S2 courses contributing to GPA.
Compulsory/ Optional	Compulsory

Aim(s):
To explain basic and special veterinary diagnostic (e.g., hematology, serology, cytology, urinalysis, diagnostic Imaging etc.) and therapeutic (e.g., fluid therapy, blood transfusion etc.) procedures for management of patients.

Intended Learning Outcomes: At the completion of the course the student will be able to;

i) describe clinical pathological diagnostics and their applications,
ii) interpret changes in hematology, serology, cytology, urinalysis, clinical chemistry and diagnostic imaging, to differentiate between normal and abnormal patients,
iii) perform minimum clinical diagnostics in clinics,
iv) explain the principles of fluid therapy and blood transfusion for clinical management of patients,
v) discuss the principles of clinical immunology and be aware of applications of immunotherapy in treatment, prevention and control of animal diseases, and
vi) explain principles in the use of vaccines in curative and preventive veterinary medicine.

Time Allocation (Hours): Lectures 30; In-class assignments: 10; Practical 20; Independent learning 90

Course content/ Course description:
Hematology, serology and chemistry in clinical diagnosis: diseases and disorders related to hematological changes, including anemia; serological testing for infectious diseases; vaccine efficacy and effectiveness; biochemical changes in disease process; diagnostic cytology and urinalysis, including diagnosis of neoplasia; diagnostic imaging: principles of radiography, radiology and ultrasonography; fluid therapy and blood transfusion; clinical immunology and immunotherapy: hypersensitivity, immunotherapy in clinical practice; vaccinology.

Recommended Texts:

I. Bexfield, N., and Lee, K. (2014). BSAVA Guide to Procedures in Small Animal Practice (2nd Ed.). British Small Animal Veterinary Association.
II. Coles, E. H. (1980). Veterinary clinical pathology (3rd Ed). WB Saunders.
III. Day, M. J. (2011). Clinical Immunology of the Dog and Cat. CRC Press.
IV. Day, M. J., Mackin, A. and Littlewood, J. D. (2000). BSAVA Manual of Canine and Feline Haematology and Transfusion Medicine. British Small Animal Veterinary Association. Dennis, R. (2010).
V. Handbook of Small Animal Radiology and Ultrasound. Churchill Livingstone/Elsevier.
VI. Silva, I.D., Mallawa, M.R.C.K. (2010). A Monograph on Clinical Hematology and Veterinary Diagnostic Techniques. Faculty of Veterinary Medicine and Animal Science, University of Peradeniya, Sri Lanka.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS3102
Course Title	Veterinary Pharmacology and Toxicology I
No. of Credits	2
Prerequisites	Successful completion of all Y1S1 & Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(**s**)**:**
To explain the basic concepts in veterinary pharmacology including pharmacokinetics, pharmacodynamics with species variation, rational/prudent use of therapeutic agents, adverse drug reactions, safety concerns, and regulatory and legal provisions related to use of veterinary pharmaceuticals and biologicals.

Intended Learning Outcomes:
At the end of the course students will be able to;

i) explain the basic principles of pharmacokinetics with reference to drug absorption, distribution, metabolism and elimination considering individual and species variation to drug responses.
ii) explain the properties, merits and weaknesses of different drug dosage forms and routes of administration,
iii) describe the principles of drug interactions, adverse reactions, inefficacies and state when such incidents have to be reported to the regulatory authorities (Pharmacovigilance).
iv) explain the regulatory/legal provisions relevant to the use of drugs/biologicals in veterinary practice, including writing prescriptions, drug schedules and the legislative controls on the availability of drugs and explain the public health risks associated with veterinary drug residues and other toxicants in animal originated food and ways of minimize these hazards,
v) describe the properties of vaccines and the importance and principles of immunization of animals, and
vi) describe types of pain, internal mechanisms of pain tolerance, and modes of action, indications, side-effects and limitations of drugs used for treating pain.

Time Allocation (**Hours**): Lectures 20; In-class assignments 04; Practical 16; Independent learning 60

Course content/ Course description:
Introduction to veterinary pharmacology and toxicology; Nomenclature of therapeutic agents; Overview of dosage forms and routes of administration; Principles of pharmacokinetics and pharmacodynamics; Adverse drug reactions; Safety of drugs; Agonists/antagonists; Pharmacokinetic/pharmacodynamic relationship; Regulation of drug use: Drug schedules, registration, withholding periods, public health risks of using drugs on animals; Prescription-writing, off-label uses of therapeutic agents; Vaccines: Principles, clinical application, benefits and limitations; Population (herd) immunity; Pain and pain management.

Recommended Texts:

I. Neal, M.J. (2012). *Medical Pharmacology at a Glance*. 7th Ed. Wiley-Blackwell.
II. Jim, E. Riviere., Mark, G. Papich. (2018). *Veterinary Pharmacology & Therapeutics*. 10th Ed. Wiley-Blackwell.
III. Richard, Adams H. (2001). *Veterinary Pharmacology and Therapeutics*. 8th Ed. Iowa State University Press, Ames.
IV. Bishop, Y. (2004). *The Veterinary Formulary*. 6th Ed. Pharmaceutical Press in association with The British Veterinary Association.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS3103
Course Title	Biostatistics
No. of Credits	2
Prerequisites	Successful completion of all Y1S1 & Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To develop students' skills in simple parametric and nonparametric statistical methods to enable them to analyze and interpret data obtained from surveys, design experiments and epidemiological investigations, to derive inferences and conclusions.

Intended Learning Outcomes:
At the end of the course the students will be able to;

i) explain the importance of analyzing data and apply data summarizing techniques (manually and by using software),
ii) formulate hypothesis and test them (applied for different types of data), collect, collate and analyze experimental data with the application of statistical software and interpret results to draw rational conclusions backed with an acceptable degree of confidence,
iii) plan/ design an experiment and calculate required sample size,
iv) analyze and interpret results of simple contingency tables, including both parametric and non-parametric categorical data analyses, and
v) apply regression models to test for linear and non-linear associations between variables, assess the strength of association (correlation) interpret and make appropriate predictions with the application of statistical software.

Time Allocation (**Hours**)**:** Lectures 22; Tutorials 3; Practical 10; Independent learning 65

Course content/Course description: This course comprises of two modules;
Module I: Basic Statistics - Statistical terminologies; Descriptive statistics; Empirical distribution functions; Different probability distributions, Probabilities and sampling; Application of statistical software to obtain descriptive statistics (numeric and graphics).
Module II: Inferential Statistics – Concept of hypothesis testing using different statistical applications (Z, t, χ^2, F distributions, permutation and rank tests) based on the type of data (including experimental design, one sample, two sample and paired data); Analysis of variance procedures and regression analysis; Application of statistical of t ware to conduct hypothesis testing with different types of statistical applications.

Recommended Texts:

i) Petrie, A. and Watson, P. (2003). Statistics for Veterinary and Animal Science (3rd Ed.). Wiley- Blackwell.
ii) Le, C. T. (2006). Introductory Bio Statistics (2nd Ed.) Wiley.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS3104
Course Title	Aquaculture and Aquatic Animal Health
No. of Credits	3
Prerequisites	Successful completion of all Y1S1 and Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):

i) To provide knowledge and skills on management of aquatic animal species including food and ornamental fish, shrimp and bivalves
ii) To provide knowledge and skills on aetiopathology, diagnosis, treatment and prevention of common conditions affecting aquatic animal species

Intended Learning Outcomes:

At the end of the course the student will be able to;

i) discuss the national and global status of aquaculture in relation to socio-economic and nutritional aspects from a veterinary perspective,
ii) perform and interpret the water quality tests and design a plan to improve the water quality for optimal performance of aquaculture,
iii) describe the definition, principles and criteria for classification of aquaculture systems and the techniques of different aquaculture systems,
iv) describe the veterinary importance on hatchery management, breeding methods, basic husbandry procedures, special management practices and market networks for food fish, shrimp, ornamental fish and bivalves,
v) explain the concepts of records keeping, performance monitoring and financial evaluation of an aquaculture farm,
vi) discuss the principles of aquatic animal health management, the status of fish diseases in Sri Lanka and the world, and health requirements applicable to import and export of aquatic animals,
vii) perform the field investigations for disease outbreaks in aquatic animals including pre-mortem and post- mortem procedures, collection, preservation and dispatch of samples for laboratory testing, and perform laboratory diagnostic methods, and
viii) diagnose, treat (including use of pharmaceuticals and biologicals), control (including biosecurity measures) and prevent infectious and non-infectious diseases of fish and shrimp.

Time Allocation (**Hours**)**:** Lectures 34; Practical 6; Clinical work 12; Field work 12; Independent learning 86

Course content/ Course description:

This course is offered in two modules**. Module I:** Aquaculture for veterinarians - aquaculture systems, important species and management practices in farming of shrimp, food fish, ornamental fish and bivalves; marketing, records keeping and financial performance; water quality management in aquaculture. **Module II:** Aquatic Animal Health Management - status of aquaculture diseases; health requirements for import and export; biosecurity in aquaculture farms; disease investigation, diagnosis, pathological procedures, treatment, control and prevention for infectious and non-infectious diseases of fish and shrimp; use of pharmaceuticals and biologicals in aquatic animal health management.

Recommended Texts:

I. Parker, R.O. (2012). Aquaculture Science (3rd Ed.). Delmar Publication.
II. Lucas, J. (2013.). Aquaculture. Farming Aquatic Animals and Plants (2nd Ed). Fishing News Books.
III. Noga, E.J. (2010). Fish diseases: Diagnosis and Treatment (2nd Ed). Wiley-Blackwell.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS3105
Course Title	Economics for Veterinarians
No. of Credits	2
Prerequisites	Successful completion of all Y1S1 and Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To impart knowledge on basic economics with an introductory understanding of international economics as it relates to trade in animals and animal products.

Intended Learning Outcomes:
At the end of the course the students will be able to;

i) describe the basic concepts of consumer behavior, demand and supply, production and costs, and structure and functions of markets in the context of a veterinarian,
ii) explain the principles and practices of farm planning, farm budgeting and investment appraisal,
iii) distinguish economic growth and development, and appraise the livestock development policies implemented in Sri Lanka, and
iv) explain the situations related to the international business and trade related to livestock sector.

Time Allocation (**Hours**): Lectures 25; Tutorials 2; Practical 6; Independent learning 67

Course content/ Course description:
This course consists of three modules:
Module I: Principles of Livestock Economics–Basic concepts of economics and markets; consumer theory; demand and supply and price determination; theory of a firm; markets and market structures.
Module II: Livestock Farm Planning - Farm planning; Farm budgeting; investment appraisal.
Module III: Livestock development, Policy and Trade- Growth and development; present livestock policies in Sri Lanka; globalization and international business of livestock products.

Recommended Texts:

I. Mankiw, G.N. (2012). Principles of Economics (6th Ed.). South-Western Cengage Learning.
II. Penson, J.B., Capps, O., Rosson, C.P. and Woodward, R.T. (2013). Introduction to Agricultural Economics (5th Ed.). New Jersey: Pearson Prentice Hall.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS3106
Course Title	Integrated Veterinary Sciences V
No. of Credits	1
Prerequisites	Successful completion of all Y1S1 and Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To further improve students' critical analytical and problem-solving skills using a Problem-Based Learning (PBL) approach, and by doing so, (i) to develop their ability to integrate knowledge gained from different pre-clinical, para-clinical, clinical and animal production disciplines/courses learned to-date, and (ii) to develop their understanding of the importance of Y3S1 courses in the context of the BVSc degree program

Intended Learning Outcomes:
At the end of the course students will be able to;

i) demonstrate progression of critical thinking skills from VS2225,
ii) synthesize and integrate material from previous and concurrent subjects to critically evaluate provided scenarios,
iii) analyze and synthesize solutions to open-ended questions, complex problems and clinical scenarios,
iv) formulate an action plan based upon the solution to these problems,
v) display a range of professional skills that includes inter-personal skills, team/ collaborative work, communication skills, ICT skills and problem-solving skills,
vi) display Intellectual curiosity by finding, managing and applying information from a wide range of sources, and
vii) display sound professional judgement, with consideration for appropriate ethical, moral and legal principles.

Time Allocation (**Hours**): In-class assignments 30; Independent learning 20

Course content/ Course description:
The Integrated Veterinary Sciences stem will use a student-centered Problem Based Learning (PBL) approach. Students will be presented with health and/ or management-related problems that will require them to integrate topics covered to-date, with reference to the pathophysiology of disease through the integration of para-clinical disciplines with clinical and animal production sciences. Course teachers will facilitate students' comprehension of each case scenarios by making connections between course-material and additional information obtained through reading. Students will be expected to develop and practice interpersonal, communication and teamworking skills and to express appropriate professional behaviour.

Recommended Texts:
Recommended review articles and electronic resources including videos relevant to the respective scenario/ problem will be prescribed during the delivery of the course.

Assessment:	**Percentage Mark**
In-course:	75
End-semester	25

Course Code	VS3107
Course Title	Principles of Business Management
No. of Credits	2
Prerequisites	Successful completion of all Y1S1 and Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To introduce basic business and management concepts to enable veterinary undergraduates to develop relevant business and management related attitudes/ mindset and skills they will need upon graduation.

Intended Learning Outcomes:
At the end of the course the students will be able to;

i) define relevant key terms associated with business, general management, human resource management, and marketing management,
ii) identify and describe management functions, types, roles and skills along with their importance to organizational performance,
iii) identify key components of the organizational environment and explain their relationship with the organizational performance,
iv) describe the basic concepts and principles of marketing management and explain their relevance to organizational performance,
v) describe the basic concepts and principles of human resource management and explain their relevance to organizational performance,
vi) explain the criteria for ethical decision making, approaches for evaluating ethical behaviour and the criteria of corporate social responsibility, and
vii) demonstrate the ability to relate the theoretical concepts to analyze a given business and management situation in order to enhance organizational performance.

Time Allocation (**Hours**): Lectures 20; In-class assignments: 10; Practical 10; Independent learning 60

Course content/ Course description: This course consists of four modules.
Module I: Introduction to business - Definitions, goods producing versus service businesses, business environment and its relationship with business success, types of business orientations, systems and contingency theories of business.
Module II: Principles of General Management–Definition of management, management functions (i.e. Planning, organizing, leading and controlling), management levels, management skills, roles, management ethics/ ethical behaviour and corporate social responsibility (CSR) along with their importance to organizational performance.
Module III: Principles of Human Resource Management- Overview of the major areas of HRM that includes Job analysis, recruitment and selection, performance management and appraisal, training and development, rewards and remuneration, and strategic human resource management.
Module III: Principles of Marketing Management- Overview of the major areas of the marketing exchange process that covers understanding customer needs and wants, and creating, communicating and delivering customer perceived values with the aim to enhancing the customer lifetime values and the customer equity.

Recommended Texts:

I. Robbins, S.P. and Coulter, M. (2018). Management (14th Ed.). Pearson.
II. Kotler, P. and Armstrong, G. (2015). Principles of Marketing (16th Ed.). Pearson.
III. Snell, S. and Bolander, G. ((2013). Human Resource Management (16th Ed.). Cengage Learning.

Assessment	**Percentage Mark**
In-course	50
End-semester	50

Course Code	VS3108
Course Title	Research Methodology
No. of Credits	1
Prerequisites	Successful completion of all Y1S1 and Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):

To provide a basic understanding of systematic design of research projects, research ethics, research planning and scientific writing while enabling students to explore an area of interest in depth, and developing skills to prepare them for further education, training and work.

Intended Learning Outcomes:

At the successful completion of the course students will be able to;

i) design and plan a research project applying principles for good research design and selection of appropriate methods.
ii) understand the importance of research ethics and integrate research ethics into the research process.
iii) incorporate analyzed data into assigned writing clearly, concisely, and logically; and attribute the source with proper citation in accordance with the IMRAD model.
iv) argue logically and think critically within the parameters of an academic discipline, and
v) demonstrate independent learning skills necessary for the foundation of lifelong learning.

Time Allocation (**Hours**): Lectures 05; Practical 10; In-class assessment 10; Independent learning 25

Course content/ Course description:

Principles of research design: Literature review, problem identification; Development of hypotheses and research questions, determination of data requirement; Research methods, research planning, data collection, analysis and interpretation; Fundamentals of research ethics, scientific misconduct.

Scientific writing and presentations: Scientific writing process and its key stages; Organizing and composing a scientific paper in accordance with the IMRAD (Introduction, Methods, Results and Discussion) model.

Recommended Texts:

I. Creswell, John W. (2013). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches.* 4th Ed. SAGE Publications. Inc.
II. Dawson, C. (2009). *Introduction to research methods: A Practical Guide for Anyone Undertaking a Research Project,* 4th Ed. How to Books Ltd. Oxford, UK.
III. Booth, W. C., Colomb, G. G., Williams, J. M. (2008). *The Craft of Research*. 3rd Ed, University of Chicago Press. Chicago, USA.
IV. Sana, Loue (2000). *Textbook of Research Ethics: Theory and Practice*. Springer Science and Business Media. USA.
V. Schimel, J. (2011). *Writing Science: How to Write Papers That Get Cited and Proposals That Get Funded.* 1st Ed. Oxford University Press, NY, USA.
VI. Lindsay, D. (2011). *Scientific Writing = Thinking in Words.* CSIRO Publishing, Australia.

Assessment	**Percentage Mark**
In-course	30
End-semester	70

Course Code	VS3201
Course Title	Companion Animal Medicine and Surgery I
No. of Credits	4
Prerequisites	Successful completion of all Y1S1 & Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s): To enable students to proficiently describe common diseases affecting the integumentary system, eye, ear, oral cavity, and urinary system as well as various cancer types and basics of shelter medicine, while developing practical skills in selecting and performing diagnostic tests, and identifying therapeutic and surgical approaches, as well as post-surgical care for these diseases.

Intended Learning Outcomes:
At the end of the course, students will be able to;

i) recognize common dermatological disorders, explain the relevant pathophysiological process, perform clinical examinations, collect diagnostic sampling, interpret results, diagnose the condition, and describe treatment options for patients.
ii) describe/recognize common disorders of the eye and ear, explain their underlying pathophysiological process, conduct clinical examination, diagnose conditions, and identify treatment options.
iii) participating in the pre-surgical assessments, observe surgical procedures and participate in post-operative care of surgical cases of the eye and ear.
iv) explain the pathophysiological basis of common dental problems in dogs and cats, perform necessary diagnostic procedures, observe, and assist in surgical treatments of patients with dental diseases under the supervision of a senior clinician.
v) perform clinical examination, diagnostic sampling, interpretation of laboratory findings, and diagnosis of common oncologic/cancer disorders, and describe treatment options for patients with cancer.
vi) appreciate the major concepts of shelter medicine program and integrate concepts of animal welfare, participate in a field-level dog population control program.
vii) describe/recognize common urological conditions. Perform clinical examinations, diagnostic sampling, and interpretation of sample results, and describe treatment options.
viii) demonstrate basic surgical skills by assisting with surgical cases and post-operative care of urological and orthopedic surgical cases.

Time Allocation (**Hours**): Lectures 45; Demonstrations (clinical) 5; Practical 20; Independent learning 130

Course content/ Course description:
Disorders of the integument: History and presentation, collection of diagnostic samples, diagnosis, options for treatment, prognosis and prevention.
Clinical examination of the eye, ear and associated structures (including taking a relevant history); Pathogenesis, diagnosis, management and prognosis for these conditions; common medical and surgical procedures of the eye, ear and associated structures.
Periodontal diseases: descaling and tooth extraction.
Common medical and surgical conditions of the urinary system; Pathogenesis, diagnosis, management and prognosis for these conditions.
Mechanisms of oncogenesis and metastasis: Principles of chemotherapy, surgery and radiation therapy of neoplasia.
Introduction to shelter medicine and the control of stray animals: processes and limitations of field-level desexing programs
.

Recommended Texts:

I. Ettinger, S. J. Feldman, E. C. (2009). *Textbook of Veterinary Internal Medicine.* 7th Ed. Elsevier Health Sciences.
II. Nelson, R. W. Couto, C. G. (2014). *Small Animal Internal Medicine*-E-Book. Elsevier Health Sciences.
III. Clarke, K. W. Trim, C. M. (2013). *Veterinary Anaesthesia* E-Book. Elsevier Health Sciences.
IV. Betts, C. W. Crane, S. W. (1986). *Manual of Small Animal Surgical Therapeutics*. Churchill Livingstone.
V. Lipowitz, A. J., Caywood, D. D., Newton, C. D. Schwartz, A. (1996). *Complications in Small Animal surgery: Diagnosis, Management, Prevention*. Williams and Wilkins.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS3202
Course Title	Veterinary Pharmacology and Toxicology II
No. of Credits	2
Prerequisites	Successful completion of all Y1S1 and Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s): To describe the common classes of drugs used in veterinary practice, emphasizing the rational/prudent use of therapeutic agents, adverse drug reactions and intoxications.

Intended Learning Outcomes:

At the end of the course students will be able to;
explain the modes of action and spectrum of activity of the commonly used antimicrobial, anti-parasitic and anticancer drugs and the ways to minimize the development of drug resistance and/ or side-effects.
discuss the modes of action, indications, side-effects and limitations of therapeutic agents acting on different body systems; and in anaesthesia, emergencies, ophthalmology, dermatology, and animal reproduction.
describe common drug, plant and chemical toxicities that occur in animals and approaches in investigating and managing such intoxications.

Time Allocation (**Hours**): Lectures 20; In-class assignments 04; Practical 16; Independent learning 60

Course content/ Course description:

Antimicrobial and antiparasitic agents: classification, modes of action, intrinsic and acquired resistance. Antineoplastic therapy: categories of drugs and managing side effects. Therapeutic agents acting on gastrointestinal, respiratory, cardiovascular, urinary and reproductive systems; central, peripheral and autonomic nervous systems; eye, ear and skin; general classes of drugs used in anaesthesia and emergencies. Toxicology: principles, investigation, treatment; adverse drug reactions.

Recommended Texts:

Neal, M.J. (2012). *Medical Pharmacology at a Glance.* 7th Edition Wiley-Blackwell.
Jim, E. Riviere., Mark, G. Papich. (2018). *Veterinary Pharmacology & Therapeutics.* 10th Edition Wiley-Blackwell.
Richard, Adams H. (1995). *Veterinary Pharmacology and Therapeutics*. 7th Edition
Giguere, S., Prescott, J.F., Baggot, J.D., Walker, R.D. Dowling, P.M. (2013). *Antimicrobial Therapy in Veterinary Medicine*. 5th Edition Wiley-Blackwell.
Bishop Y. (2004). *The Veterinary Formulary*. 6th Ed. Pharmaceutical Press in association with the British Veterinary Association.

Assessment	Percentage Mark
In-course	40
End-semester	60

Course Code	VS3203
Course Title	Epidemiology
No. of Credits	2
Prerequisites	Successful completion of all Y1S1 and Y1S2 courses contributing to GPA.
Compulsory/ Optional	Compulsory

Aims:
To explain and develop skills on descriptive and analytic epidemiology

Intended Learning Outcomes:
On successful completion of the course, students will be able to;

i) define epidemiology and compare epidemiology with other disciplines,
ii) explain measurements of disease occurrence such as prevalence, incidence, mortality and morbidity,
iii) explain the association between 'exposure' and 'outcome' with regard to diseases/ conditions to assist implementing preventive measures,
iv) explain epidemiological principles and tools for disease outbreak investigations,
v) explain basic problems in data sets, and introduce ways and means of minimizing 'bias', and enhancing 'validity' and 'precision',
vi) plan epidemiological investigations using its principles to investigate hypotheses,
vii) collect and analyze data in real outbreak situations and design control measures, and
viii) select appropriate diagnostic tests for a given situation and compare and evaluate the results derived from such tests.

Time Allocation (**Hours**)**:** Lectures 20; In-class assignments 15; Practical 5; Independent learning 60

Course content/Course description:
Epidemiology as a discipline; definitions and terminology; infectious and non-infectious causes of diseases, outbreak investigations; multi-factorial nature of disease/ conditions, Koch's postulates; association between exposure and outcome; Introduction to epidemiological measures of diagnostic tests; study design, data collection, analysis and interpretation of results; data handling, sampling and surveys, collection and entry of data; basic epidemiological analyses, identifying problems in data, methods of sampling and respective data analysis.

Recommended Texts:

I. Kelsey, J. L., Thompson, W.G. and Evans, A.S. (1986). Methods in Observational Epidemiology. Oxford University Press, New York, USA.
II. Fletche, R., Fletcher, S.W. and Wagner, E.H. (1988). Clinical Epidemiology- the Essentials. Williams and Wilkins, Baltimore, USA.
III. Kahn H. and Sempos, C.T. (1989). Statistical Methods in Epidemiology. Oxford University Press. USA. Martin, SW., Meek, A.H. and Willeberg, P. (1987). Veterinary Epidemiology: Principles and Methods., Iowa state University Press, USA.
IV. Rothman, K.J. (1986). Modern Epidemiology. Little, Brown and Company, Boston, Toronto.

Assessment	Percentage Mark
In-course	40
End-semester	60

Course Code	VS3204
Course Title	Farm Animal Medicine and Surgery I
No. of Credits	3
Prerequisites	Successful completion of all Y1S1 and Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):

To provide students with fundamental knowledge, practical skills, and a comprehensive understanding of diagnosing, treating, and preventing common diseases and surgical conditions of farm animals (cattle/buffalo/goat/sheep/pigs).

Intended Learning Outcomes:

At the completion of the course student should be able to;

i) conduct a comprehensive general clinical examination to evaluate the health condition and diagnose common disease conditions in farm animals.
ii) apply an evidence and case-based approach to diagnose and treat diseases in farm animals, incorporating knowledge of differentials, diagnostic tools, treatment options, and cost-effectiveness assessment.
iii) explain the relationship between nutrition and metabolic diseases in farm animals.
iv) define key parameters frequently employed for monitoring the health and production of herds within farming systems.
v) apply systematic and cost-effective methods to diagnose herd-level diseases and investigate sub-optimal performance using clinical, pathological, and epidemiological information and generate prioritized advice for producers on disease management.
vi) explain the principles of preventive medicine and enhancing herd performance and provide instances of how veterinarians implement these strategies on farms.
vii) perform common surgical procedures emphasizing suturing using dummy models and cadavers.
viii) explain and assist common surgical procedures including anesthesia and diagnostic imaging on farm animals.
ix) explain the management of post-surgical pain and other complications in farm animals.

Time Allocation (**Hours**): Lectures 28; Tutorials 2; Practicals 15; Clinical (by observation) 50; Independent learning 55

Course content/ Course description:

General clinical examination in farm animals; General systemic status; Metabolic diseases and herd-based evaluation of metabolic diseases; Mastitis in farm animals; Diseases in the skin, hooves, eyes, and ears in cattle, buffaloes, and goats; General surgical preparation for farm animals; surgical instruments and techniques; local, regional and general anesthetic techniques in farm animals; Diagnostic imaging; common minor surgical procedures in farm animal; Management of post-surgical complications and pain.

Recommended Texts:

I. Parkinson, T.J, Vermunt, J.J. and Malmo, J. (2009). Diseases of Cattle in Australasia, The New Zealand Veterinary Association Foundation for Continuing Education (VetLearn®).
II. Fubini S.L. and DuCharme, N. (2004). Farm Animal Surgery (2nd Ed.). Saunders.
III. Hendrickson, D.A., Baird, A.N. (2013). *Turner and McIlwraith's Techniques in Large Animal Surgery*. 4th Ed, Wiley-Blackwell.
IV. Blood, D. C., & Henderson, J. A. (Year). *Veterinary medicine* (5th Ed.). Bailliere Tindall

Assessment	**Percentage Mark**
In-course	30
End-semester	70

Course Code	VS3205
Course Title	Genetics and Breeding
No. of Credits	2
Prerequisites	Successful completion of all Y1S1 and Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To impart knowledge and understanding on fundamental concepts in genetics and breeding, and applications of genetics in improving animal health, performance, and production

Intended Learning Outcomes:
At the completion of the course the student will be able to;

i) define terms commonly used in basic and clinical practice of veterinary genetics.
ii) describe principles of inheritance of qualitative and quantitative traits in animals.
iii) evaluate animal pedigrees and calculate genetic relationships, inbreeding coefficient and effect of inbreeding.
iv) estimate genetic variances, heritability, correlations, repeatability, breeding values and their accuracy.
v) explain selection theory, different selection methods and their practical applications to maximize response to genetic selection.
vi) describe different breeding methods and develop a basic animal breeding program.
vii) discuss the inheritance and characteristics of common genetic diseases/ disorders of domestic animals.

Time Allocation (**Hours**): Lectures 20; Practicals 10; In-class assignments 10; Independent learning 60

Course content/ Course description:
Introduction to veterinary genetics (concepts, terminology and historical perspective), Principles of inheritance(Mendelian genetics: Non-Mendelian inheritance patterns),Genetic basis of qualitative and quantitative traits in animals, Pedigree analysis and inbreeding (interpretation, calculations and effects of inbreeding), Genetic parameters and evaluation(estimation of genetic variances and heritability, calculation of genetic correlations and repeatability and understanding breeding values and their accuracy),. Selection theory and methods(selection theory, different selection methods and practical applications of selection methods), Breeding methods and programs (overview of different breeding methods: inbreeding, outbreeding, crossbreeding, etc., development of basic animal breeding programs and implementation of breeding strategies for specific production goals and Genetic diseases in domestic animals (Inheritance patterns and characteristics of common genetic diseases/disorders. genetic screening and management strategies for controlling genetic diseases and ethical considerations in breeding practices related to genetic diseases.)

Recommended Texts:

I. Falconer, D. S., Mackay, T. F. C., (1996) *Introduction to quantitative genetics*, 4th Ed. Longman Group Ltd., London.
II. Weller, J. I. (2016) Genomic Selection in Animals, 1st Ed. Wiley-Blackwell.
III. Nicholas, F.W. (2009) *Introduction to Veterinary Genetics*, 3rd Ed, Wiley-Blackwell
IV. Dominic Fasso (2017) *Textbook of Animal Genetics and Breeding,* 1st Edi. White Word Publications, New York.
V. Simm, G., Pollott, G. E., Mrode, R., Houston, R., Marshall, K. (2021). ***Genetic Improvement of Farmed Animals***. CABI International.
VI. Bishop, S. C., Axford, R. F. E., Nicholas, F. W., Owen J. B. (2010) *Breeding for disease resistance in farm animals.* 3rd Edi. CABI International.

Assessment	Percentage Mark
In-course	30
End-semester	70

Course Code	VS3206
Course Title	Equine Health and Management
No. of Credits	2
Prerequisites	Successful completion of all Y1S1 & Y1S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To train students on (i) basic horse management practices, (ii) disorders affecting horses, and (iii) reproductive management of equids**.**

Intended Learning Outcomes:
At the completion of the course student will be able to;

i) discuss feeds and feeding, breeding and basic health management practices related to equine practice,
ii) describe the procedure for pre-purchase examination of horse/ pony,
iii) perform appropriate handling and restraining procedures, general and special clinical examination procedures of horses, and administer medicines through different routes,
iv) diagnose, treat and manage range of common medical and surgical conditions of horses,
v) appraise the circumstances under which direction from more experienced colleagues, including referral for further treatment should besought,
vi) assess and apply correct treatment protocols to manage wounds,
vii) diagnose common causes of lameness, and
viii) explain management of the reproductive cycle of the mare and the pregnant mare; and the diagnosis, treatment, and management of common reproductive disorders in horses.

Time Allocation (**Hours**): Lectures 20; In-class assignments: 6; Practical 6; Clinical work 12; Independent learning 56

Course content/ Course description:
Equinenutrition-feedsandfeeding;basichealthmanagement,ageing,identificationandhandling**.**Pre**-**purchase examination; general and special clinical examination; diagnosis, formulation of medical and surgical treatment, management and prevention plans for range of common disorders affecting musculoskeletal, gastrointestinal, respiratory, urinary, neurologic, ophthalmic and integumentary (including wounds) systems; treatment and prevention of common disorders of foals**;** management of reproduction, natural and artificial breeding, pregnancy diagnosis; common causes of infertility; dystocia, post-partum conditions**.**

Recommended Texts:

I. Tim Mair, Sandy Love, James Schumacher, Roger KW Smith, and Grant Frazer (2012). Equine Medicine, Surgery and Reproduction, (2nd Ed.) Published by Saunders LTD.
II. Stephen, M Reed, Warwick, M Bayly and Debra, C. Sellon (2010). Equine Internal Medicine, (3rd Ed). Published by Saunders LTD
III. Garry, C.W. England (2005). Fertility and Obstetrics in the Horse, (3rd Ed). Published by Blackwell Publishing

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS3207
Course Title	Integrated Veterinary Sciences VI
No. of Credits	1
Prerequisites	Successful completion of all Y1S1 & Y1S2 courses contributing to GPA.
Compulsory/ Optional	Compulsory

Aim(s):
To further improve students' critical analytical and problem-solving skills by making them dissect real- world problems of multidisciplinary nature, and by doing so, (i) to develop their ability to integrate knowledge gained from different courses learned to-date, and (ii) to develop their understanding of the importance of 3rd year courses in the context of the BVSc degree program

Intended Learning Outcomes:
At the end of the course, students will be able to;

i) demonstrate progression of critical thinking skills from VS3131,
ii) synthesize and integrate material from previous and concurrent subjects to critically evaluate provided scenarios,
iii) analyze and synthesize solutions to open-ended questions, complex problems and clinical scenarios,
iv) formulate an action plan based upon the solution to these problems,
v) display sustained development of a range of professional skills that includes inter-personal skills, team/ collaborative work, communication skills, ICT skills and problem-solving skills,
vi) display a range of professional skills that includes inter-personal skills, team/ collaborative work, communication skills, ICT skills and problem-solving skills,
vii) display Intellectual curiosity by finding, managing and applying information from a wide range of sources, and
viii) display sound professional judgment, with consideration for appropriate ethical, moral and legal principles.

Time Allocation (**Hours**): In-class assignments 30; Independent learning 20

Course content/ Course description:
The Integrated Veterinary Sciences stem will use a student-centered Problem Based Learning (PBL) approach. Students will be presented with health and/ or management-related problems that will require them to integrate topics covered to-date, with reference to the pathophysiology of disease through the integration of para-clinical disciplines with clinical and animal production sciences. Course teachers will facilitate students' comprehension of each case scenarios by making connections between course-material and additional information obtained through reading. Students will be expected to develop and practice interpersonal, communication and team working skills and to express appropriate professional behaviour.

Recommended Texts:
Recommended review articles and electronic resources including videos relevant to the respective scenario/ problem will be prescribed during the delivery of the course

Assessment:	**Percentage Mark**
In-course:	75
End-semester	25

Course Code	VS4101
Course Title	Veterinary Public Health I
No. of Credits	3
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 & Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):

To impart knowledge of zoonotic diseases, legislation pertaining to veterinary practice, management of waste from animal industries, prevention and control of hazards of veterinary public health importance, and the role of the veterinarian working at the interface between human, animal and environmental health with an emphasis of the 'One Health' approach

Intended Learning Outcomes:

At the end of the course the student will be able to;

i) define veterinary public health, describe the role of veterinarian in public health,
ii) classify zoonotic diseases and describe emerging and re-emerging zoonotic diseases,
iii) explain 'one health' concept and strategies, and the role of veterinarian working at the interface between human, animal and environmental health,
iv) retrieve information from electronic data bases/ sources on zoonotic diseases,
v) describe health complications caused by different zoonoses and critically evaluate existing prevention and control measures with special reference to biosecurity,
vi) explain methods of gathering and analysis of information from the public/ community on zoonotic diseases and educating them on disease control,
vii) describe principles of risk analysis in the control of zoonoses, and the application of 'one health' strategies with examples in managing emerging and re- emerging zoonoses, including on-going control programs in Sri Lanka,
viii) explain the principles of outbreak investigation, surveillance and monitoring for the prevention and control of food borne zoonoses and antimicrobial resistance,
ix) explain the role and powers vested with veterinarians in dealing with animal transport, disease control, welfare, and waste management, and
x) discuss the pollutants associated with animal husbandry and animal food processing industries including their effect on biodiversity, and design control programs to minimize these pollutants as well as to mitigate the effects of such pollutants.

Time Allocation (**Hours**)**:** Lectures 33; Tutorials 3; Practical 12; Field work 9; Independent learning 93

Course content/ Course description:

Zoonotic diseases; introduction to veterinary public health and zoonoses; health implications of important zoonoses in Sri Lanka; biosecurity as a means of prevention and control of zoonoses; epidemiology and ecology of zoonoses and risk analysis in the context of foodborne pathogens, emerging and re-emerging zoonoses and the one health concept**;** outbreak investigation, surveillance and monitoring of zoonoses; antimicrobial resistance; legislation pertaining to veterinary practices in Sri Lanka; environmental pollution and waste management in relation to animal industry; environmental pollution and bio-diversity; waste management and renewable resources**.**

Recommended Texts:

I. Krause, D.O. and Hendrick, S. (2011). Zoonotic Pathogens in the Food Chain. CAB International.
II. Buncic, S. (2006). Integrated Food Safety and Veterinary Public Health. CAB International.
III. Hugh-Jones, M.E., Hubbert, W.T. and Hagstad, H.V. (1995). Zoonoses-Recognition, Control and Prevention, Iowa State University Press, Ames, Iowa, USA.
IV. Sing, A. (2015). Zoonoses- Infections affecting humans and animals; Focus on Public Health Aspects, Springer Dordrecht.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS4102
Course Title	Veterinary Extension
No. of Credits	2
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To provide basic understanding on key terms and principles of veterinary extension, and its applications.

Intended Learning Outcomes:
At the end of the course, students will be able to;

i) define relevant key terms associated with rural advisory and extension discipline,
ii) describe the basic principles of extension and explain their relevance to improve performance of livestock farming,
iii) describe the organizational set up of advisory and extension services in relation to veterinary services and livestock management,
iv) explain the strategies and tools used in veterinary extension services, and
v) describe the main roles and responsibilities of extension professionals.

Time Allocation (Hours): Lectures 25; Field work 15; Independent learning 60

Course content/ Course description:
This course consists of three modules:
Module I: Introduction to advisory and extension concepts and models - This module identifies the type of extension services available in the country and their relevance to the veterinary extension programs.
Module II: Principles and their applications of education and communication –This module provides the knowledge on application of veterinary extension services under different field conditions.
Module III: Application of extension – This module critically analyses case studies of different veterinary extension experiences in the field.

Recommended Texts:

I. University of Pennsylvania, School of Veterinary Medicine (2012). Veterinary extension quarterly
(Issues 1-44). (ISBN-10: 1286740029)
II. Singh, R., and Mandal, M. K. (2016). Extension education management in veterinary sciences and animal husbandry. Extension education management in veterinary sciences and animal husbandry. (ISBN: 9789385516054)
III. Özçatalbaş, O., 2014. Extension and Innovations: Diffusion of Innovations, Agricultural Extension and Consultancy: Volume-I, Chapter:7, Publisher: Gaziosmanpaşa University Publication No:2, Tokat, Turkey, Editors: M. Sayılı, E. Oruç, H. Günal, H. Önen, pp.121- 136. ISBN: 9789757328582

Assessment:	**Percentage Mark**
In-course:	50
End-semester	50

Course Code	VS4103
Course Title	Farm Animal Medicine and Surgery II
No. of Credits	3
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):

To provide students with comprehensive knowledge and practical skills related to diagnosing, treating, and preventing diseases affecting various body systems and organs, along with guided training in managing common surgical conditions in farm animals (cattle/buffalo/goat/sheep/pigs).

Intended Learning Outcomes:

At the completion of the course the student will be able to;

i) conduct a system-specific clinical examination in farm animals, considering species-specific variations, to further evaluate the clinical conditions identified during the general clinical examination.
ii) diagnose and treat common disease conditions related to digestive, cardiovascular, respiratory, renal, neurological, integumentary, and musculoskeletal systems in farm animals.
iii) diagnose, treat and prevent trace mineral and vitamins deficiency / excess related diseases in farm animals.
iv) explain the common causes, management and prevention of sudden death in farm animals.
v) diagnose common surgical conditions affecting various body systems in farm animals and determine suitable surgical interventions.
vi) assist general, regional, and local anaesthetic procedures under supervision.
vii) assist minor surgical procedures on farm animals under supervision.

Time Allocation (**Hours**): Lectures 27; Tutorials 3; Practical 15; Clinicals (by observation) 50; Independent learning 60

Course content/ Course description:

Diseases in the nervous, cardiovascular, respiratory, renal and digestive systems in cattle, buffaloes, and goats; Investigation of sudden deaths in individuals or groups of animals caused by different aetiologies; Syndrome associated with trace mineral and vitamin deficiency/excess in farm animals; Clinical examination, diagnosis, treatment, control and prevention of common pig diseases. Approaches to investigate disease outbreaks in a piggery; Causes, predisposing factors, diagnosis, and correction of routinely encountered surgical conditions of farm animals.

Recommended Texts:

I. Parkinson, T.J, Vermunt, J.J. and Malmo, J. (2009.) Diseases of Cattle in Australasia. The New Zealand Veterinary Association Foundation for Continuing Education (VetLearn®)
II. Fubini, S.L. and DuCharme, N. (2004). Farm Animal Surgery (2nd Ed.), Published by Saunders.
III. Hendrickson, D.A., Baird, A. N. (2013). *Turner and McIlwraith's Techniques in Large Animal Surgery*. 4th Ed. Wiley-Blackwell.

Assessment	**Percentage Mark**
In-course	30
End-semester	70

Course Code	VS4104
Course Title	Companion Animal Medicine and Surgery II
No. of Credits	3
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):

To enable students to describe the common diseases affecting the gastrointestinal and reproductive systems while developing practical skills on selecting/performing appropriate diagnostic, therapeutic and surgical procedures.

Intended Learning Outcomes:

At the completion of the course the student will be able to;

i) recognize common disorders of the gastrointestinal tract (GIT) and associated organs.
ii) explain the relevant pathophysiological processes, conduct clinical examinations, identify diagnostic workup, interpret laboratory findings, diagnose conditions, and describe treatment options for various diseases of the GIT, liver, pancreas, and biliary system.
iii) explain the pathophysiological basis of common reproductive problems in dogs and cats, perform relevant diagnostic procedures, and describe treatment options.
iv) demonstrate basic surgical skills by assisting with pre-surgical evaluations and providing postoperative management for surgical cases of the GIT and reproductive systems.

Time Allocation (**Hours**): Lectures 30; Demonstrations 5; Clinicals (by observation) 30; In-class assignments 10; Independent learning 75

Course content/ Course description:

Disorders of the gastrointestinal system; history, clinical signs and clinical examination of the GIT, liver and pancreas; vomiting, diarrhea, fluid and acid-base therapy; medical and surgical conditions of the GIT, liver and pancreas, treatment (including surgery) and prognosis; disorders of the reproductive system - female reproductive endocrinology; control of the oestrous cycle; pregnancy and parturition, including stages of labour, dystocia and other abnormalities of pregnancy; caesarean section; De-sexing surgery and other common surgical conditions of the reproductive system of male and female animals; care and management of the bitch during pregnancy and the postpartum period; neonatal care.

Recommended Texts:

I. Ettinger, S. J. and Feldman, E. C. (2009). Textbook of Veterinary Internal Medicine (7th Ed). Elsevier Health Silences.
II. Papich, M. G. (2011). Saunders Handbook of Veterinary Drugs (3rd Ed). Saunders.
III. Clarke, K. W. and Trim, C. M. (2013). Veterinary Anesthesia (11th Ed.). Elsevier Health Sciences.
IV. Seymour, C., Duke-Novakovski, T. and Mendenhall, V. (2008). BSAVA Manual of Canine and Feline Anaesthesia and Analgesia (3rd Ed.). John Wiley and Sons.

Assessment	Percentage Mark
In-course	40
End-semester	60

Course Code	VS4105
Course Title	Theriogenology
No. of Credits	4
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(**s**)**:**
To offer a comprehensive understanding of animal reproduction, fertility, obstetrics, and related areas while equipping students with the knowledge and skills necessary to address reproductive challenges and to promote optimal reproductive outcomes in common domestic farm animal species.

Intended Learning Outcomes:
On successful completion of the course, the students should be able to:
describe the endocrine control of the estrous cycle, pregnancy, and the postpartum period, and explain the basic concepts of hormonal manipulation of the estrous cycle in farm animals.
assess the reproductive status of cattle and buffalo using manual rectal palpation and describe the usefulness of ultrasonography and hormonal measurement for assessing the status of the reproductive system in farm animals.
evaluate and diagnose common reproductive disorders and abnormalities in domestic farm animals, identifying their causes, clinical presentations, and potential impacts on fertility and reproductive success.
explain how to diagnose, treat, and control other causes of infertility in female and male farm animals, and apply the principles of a herd fertility management program to improve reproductive efficiency in farm animals.
diagnose, and design appropriate management for, common obstetrical conditions in farm animals.
conduct breeding soundness examination and interpret semen evaluation data, to make informed decisions regarding fertility assessment in male animals.
) apply reproductive management techniques in common farm animal species, including artificial insemination, estrus synchronization, embryo transfer, and other assisted reproductive technologies.
i) discuss the ethical considerations surrounding assisted reproductive technologies, reproductive control, and animal welfare implications.

Time Allocation (**Hours**): Lectures 45; Practicals 20; Fieldwork; 15;Independent learning 120

Course content/ Course description:
Review of the reproductive physiology of farm animals; normal reproductive process and common factors causing reduced reproductive efficiency; diagnosis of pregnancy; causes, diagnosis, treatment, and control of pregnancy losses; abortion; repeat breeding and reproductive disorders; common congenital and acquired lesions of the female and male reproductive system; semen collection, evaluation, and artificial insemination; assisted reproductive technologies; Maternal and fetal causes of dystocia, their treatment and common complications; herd health management.

Recommended Texts:
Noakes, D.E., Parkinson, T.J., England, G.C.W., Arthur, G.H. (2018). *Arthur's Veterinary Reproduction and Obstetric.s* 10th Ed. Elsevier.
Parkinson, T.J., Vermunt, J.J., Malmo, J. *Diseases of Cattle in Australasia*. (2009). The New Zealand Veterinary Association Foundation for Continuing Education (VetLearn®)
Youngquist, R. S., Threlfall, W. R. (2006). *Current Therapy in Large Animal Theriogenology*. Elsevier Health Sciences.

Assessment	**Percentage Mark**
In-course	30
End-semester	70

Course Code	VS4106
Course Title	Integrated Veterinary Sciences VII
No. of Credits	1
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To further improve students' critical analytical and problem-solving skills by making them dissect real-world problems of multidisciplinary nature, and by doing so, (i) to develop their ability to integrate knowledge, skills and attitudes gained from foundation sciences with those gained from veterinary clinical/animal production sciences learned through Y1S1 to Y4S1, and (ii) prepare them for the clinical-heavy final year of the study program

Intended Learning Outcomes:
At the end of the course, the student will be able to;

i) demonstrate progression of critical thinking skills from VS3239,
ii) synthesize and integrate material from concurrent and previous subjects to evaluate provided scenarios and to create problem lists,
iii) develop the problem list into a clearly defined set of test able hypotheses based on factors that may include clinical presentation, pathophysiological understanding, compilations of data, field reports, or clinical records,
iv) direct the collection of additional data by means such as clinical tests or similar alternatives to refine the problem to a single demonstrated hypothesis,
v) formulate an action plan appropriate to the final hypothesis and draw upon a wide variety of information sources to postulate its likely outcome,
vi) display sustained development of a range of professional skills that includes inter-personal skills, team/ collaborative work, communication skills, ICT skills and problem-solving skills,
vii) evaluate the challenges, opportunities, and trends (both local and global) in the field of Veterinary Medicine and Animal Science,
viii) display intellectual curiosity by finding, managing and applying information from a wide range of sources, and
ix) display sound professional judgment, with consideration for appropriate ethical, moral and legal principles.

Time Allocation (**Hours**): In-class assignments 30; Independent learning 20

Course content/ Course description:
The Integrated Veterinary Sciences stem will use a student-centered Problem Based Learning (PBL) approach. Students will be presented with health and/or management-related problems that will require them to integrate topics covered to-date, with reference to the pathophysiology, diagnosis and management of disease through the integration of para-clinical disciplines with clinical and animal production sciences. Course teachers will facilitate students' comprehension of each case scenarios by making connections between course-material and additional information obtained through reading. Students will be expected to develop and practice interpersonal, communication and team working skills and to express appropriate professional behaviour.

Recommended Texts:
Recommended review articles and electronic resources including videos relevant to the respective scenario/problem will be prescribed during the delivery of the course.

Assessment:	**Percentage Mark**
In-course	75
End-semester	25

Course Code	VS4201
Course Title	Veterinary Public Health II
No. of Credits	2
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To impart knowledge and understanding on legislation and standards pertaining to local and international trade of animal products, and safety and quality assessment of food of animal origin, and water.

Intended Learning Outcomes:
At the completion of the course the student will be able to;

i) explain local and international legislation and standards applicable to trade of animal products,
ii) explain the role of veterinarian in producing safe animal originated food complying to quality standards from farm totable,
iii) explain methods and practices to minimize biological, chemical and physical hazards associated with food of animal origin,
iv) explain methods and practices of producing safe and quality milk and dairy products,
v) evaluate abattoir layouts in terms of waste disposal and environmental safety measures to ensure animal welfare, meat safety, meat quality and occupational safety,
vi) perform ante-mortem inspection of animals and post-mortem inspection of meat, and
vii) explain good husbandry practices in relation to safety and quality of meat, table eggs and aquatic animal species to ensure consumer safety.

Time Allocation (**Hours**): Lectures 19; Tutorials 2; Practical 10; Field work 12; Independent learning 57

Course content/ Course description:
Legislation and standards pertaining to trade of animal products in domestic and international markets; role of the veterinarian in producing safe food, including ante-and post-mortem inspection of animals/ meat; food-related hazards to human health, including microbiological, chemical and water-borne hazards, zoonoses, residues of therapeutic substance; principles of quality assurance, including the concept of HACCP; safe production of dairy products, meat, eggs and edible aquatic animal species; abattoir design for animal welfare and hygienic production of meat.

Recommended Texts:

I. Inteaz, A. (2016). Food Quality Assurance: Principles and Practices. CRC Press, FL, USA.
II. Ramesh C. Chandan, Arun, K. and Nagendra P. S. (2016). Dairy Processing and Quality Assurance (2nd Ed.). Wiley-Blackwell, UK.
III. Krissoff, B., Bohman, M. and Caswell, J. (2002) Global Food Trade and Consumer Demand for Quality. Kluwer Academic/Plenum Publishers, New York.
IV. Jhari, S. and, Manish, K.C. (2015). Meat, Poultry and Fish Technology. Daya Publishing House, New Delhi, India.
V. Buncic, S. (2006). Integrated Food Safety and Veterinary Public Health. CABI, Wallingford, Oxfordshire, UK.
VI. Toldra, F. (2010). Handbook of Meat Processing. John Wiley and sons, 2121, State Avenue, Ames, Iowa, USA

Assessment	**Percentage of mark**
In-course	40
End-semester	60

Course Code	VS4202
Course Title	Poultry Pathology and Health
No. of Credits	2
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s): To provide training on aetiopathology, diagnosis, treatment, prevention and control of common diseases of poultry, game and pet birds in Sri Lanka.

Intended Learning Outcomes:

At the end of the course the student will be able to;

i) discuss the current status of economically significant poultry diseases and economic consequences of emerging and re-emerging diseases,
ii) describe the aetiology, pathogenesis, and clinical manifestations of common diseases affecting poultry, pet and gamebirds,
iii) diagnose common diseases affecting poultry, including by using clinical pathology and necropsy,
iv) design appropriate strategies to treat, control and prevent poultry diseases,
v) evaluate bio-security level in a poultry farm and prepare and communicate biosecurity plan for the farmer,
vi) discuss the consequences of indiscriminate use of antibiotics and other pharmaceuticals and biologicals in poultry sector, and
vii) describe the national programs adopted to eradicate the poultry diseases in Sri Lanka.

Time Allocation (**Hours**): Lectures 20; In-class assignments 10; Practical 10; Independent learning 60

Course content/Course description:

Current status of poultry health; disease investigation procedures including bird necropsy and gross lesion identification, sample collection, dispatch and preservation; application of biosecurity measures to poultry farms; national program to eradicate poultry disease; diagnosis, treatment, control and prevention of commonly occurring poultry diseases, including nutritional, and infectious causes; risk and response program for emerging diseases; diseases of grandparents; vaccination; use of antibiotics and control program in Sri Lanka.

Recommended Texts:

I. Swayne, D. E. (2013). Diseases of Poultry (13th Ed.). Wiley-Blackwell, USA.
II. Jordan, F. (2007). Poultry Diseases (6th Ed.). Saunders.
III. Saif, Y.M. (2003). Diseases of Poultry (11th Ed.). Iowa State University Press, Ames, Iowa.

Assessment	**Percentage Mark**
In-course	30
End-semester	70

Course Code	VS4203
Course Title	Companion Animal Medicine and Surgery III
No. of Credits	3
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To enable students to proficiently describe the common diseases affecting the cardiovascular, respiratory, and neuromuscular systems, while developing practical skills in selecting appropriate diagnostic, therapeutic, and surgical methods for these conditions, as well as assessing patients with emergency and critical care needs and explaining the management procedures.

Intended Learning Outcomes:
At the completion of the course the student will be able to;

i) describe and recognize common disorders of the cardiorespiratory and associated organs, explain the pathophysiological processes causing these conditions, conduct clinical examinations, and describe the treatment for these patients.
ii) describe and recognize common disorders of the neuromuscular system, explain the pathophysiological processes causing these conditions, conduct clinical examinations, and describe the treatment of patients.
iii) evaluate and explain the management of all emergency and critically ill patients, including fluid therapy and cardiopulmonary emergencies.

Time Allocation (**Hours**): Lectures 30; Demonstrations 05; Clinicals by observation 30 ;Independent learning 75

Course content/Course description:
Procedure for taking a complete clinical history of cardiovascular (CV) system; pathophysiology, clinical signs and management of circulatory shock; examination of the CV system through auscultation, radiology, electrocardiography, echocardiography, advanced cardiology diagnostics; interpretation of results; interaction between renal and cardiovascular systems; common abnormalities of the respiratory system, including exercise intolerance; clinical examination of the respiratory system. Neurologic examination of dogs and cats; localization of a neurological lesion; common disorders of the neurological system; therapeutic and monitoring plans and life saving measures; fluid therapy in critically-ill patients; antimicrobial therapy; describe, recognize common disorders of the neuromuscular skeletal system; systematic orthopedic examination; common orthopedic disorders; decision-making and procedures for surgical correction of orthopedic disorders; explain the pathophysiological processes causing these conditions, conduct clinical examinations, and describe the treatment options.

Recommended Texts:

I. Denny, H., Butterworth, S. (2008) *A Guide to Canine and Feline Orthopaedic Surgery*. 4th Ed. John Wiley and Sons.
II. Ettinger, S. J., Feldman, E. C. (2009). *Textbook of Veterinary Internal Medicine*. 7th Ed. Elsevier Health Sciences.
III. Papich, M. G. (2011). *Saunders Handbook of Veterinary Drugs*. 3rd Ed. Saunders.
IV. Clarke, K. W., Trim, C. M. (2013). *Veterinary Anaesthesia* E-Book. Elsevier Health Sciences.
V. Betts, C. W., Crane, S. W. (1986). *Manual of Small Animal Surgical Therapeutics*. Churchill Livingstone.
VI. Fuentes, L., Swift, S. (1998). *BSAVA Manual of Small Animal Cardiorespiratory Medicine and Surgery*. 2nd Ed. British Small Animal Veterinary Association.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS4204
Course Title	Wild Animal Health and Management
No. of Credits	2
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):

To provide training on restraint and diagnosis, treatment and management of common clinical and surgical conditions of zoo and wild animals under field and hospital conditions.

To discuss principles of management and conservation of zoo and wild animals from a veterinary perspective.

Intended Learning Outcomes:

At the completion of the course, the student will be able to,

i) discuss the principles of wildlife conservation and conservation strategies, legislations pertaining to wildlife conservation in Sri Lanka and the role of veterinarian in wildlife management and conservation,
ii) apply the knowledge, understanding and skills about the physical, mechanical and chemical restraints of selected species of free living and captive wild animals,
iii) perform general clinical examination, diagnostic sample collection on selected species of captive and free-living wild animals,
iv) recognize, report and intervene in emergency requiring provision of critical care of wild animal patients,
v) demonstrate the ability to diagnose, treat and design a management plan for common diseases and disorders of captive and free-living reptiles, avian and wild mammals,
vi) explain the general concepts of rescue and rehabilitation of wild animals,
vii) apply the 'one-health' concept to handling emerging infectious diseases of human, domestic animal and in domestic and wild animal interface, and
viii) explain the importance of disease investigation in free living wild animals.

Time Allocation (**Hours**): Lectures 20; Demonstrations (clinical) 6; Field work 12; Independent learning 62

Course content/ Course description:

Veterinarian and wildlife; biodiversity Sri Lanka; principles of wildlife conservation and management; concepts of handling and restraining of zoo and wild animals, including special techniques for elephants; clinical examination, chemical restraint and anaesthesia of zoo and wild animals. Clinical methods, therapeutics, emergency and critical care, common clinical and surgical conditions, in zoo and wild animal practice; nutritional management in captive wild animals; rescue / rehabilitation and release of wild animals; one health concept and investigation of diseases in free living animals.

Recommended Texts:

I. Fowler, M. E. (2008). Restraint and Handling of Wild and Domestic Animals (3rd Ed.). Wiley-Blackwell.
II. Fowler, M. E. and Mikota, S.K. (2006). Biology, Medicine and Surgery of Elephants, Wiley-Blackwell.
III. Mader, D.R. (2006). Reptile Medicine and Surgery (2nd Ed.). ElsevierInc.
IV. Meredith, A. and Flecknell, P. (2006). BSAVA Manual of Rabbit Medicine. (2nd Ed.), BSAVA.
V. Mullineaux, E, Best, D. and Cooper, J. (2003). BSAVA Manual of Wildlife Casualties. BSAVA.
VI. Meredith, A. and Delaney, C. J. (2010). BSAVA Manual of Exotic Pets (5th Ed.). BSAVA.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS4205
Course Title	Research Project
No. of Credits	6
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To develop students' skills to address scientific problems/ research questions by designing, collecting, critically analyzing and evaluating appropriate qualitative and quantitative information and to incorporate analyzed data into assigned scientific writing with proper citation while effectively communicating research findings to different audiences.

Intended Learning Outcomes:
At the completion of the course the student will be able to;

i) investigate scientific problems/ research questions by collecting, analysing and evaluating appropriate qualitative and quantitative information.
ii) demonstrate knowledge of and experience in research planning and effective research management.
iii) incorporate analyzed data into assigned writing clearly, concisely, and logically; and attribute the source with proper citation.
iv) make an effective oral presentation of the research finding.
v) demonstrate independent learning skills necessary for the foundation of lifelong learning.
vi) display the competencies, key skills, behaviour and attitudes in relation to individual and group work required in a professional working life.

Time Allocation (**Hours**)**:** Research Project 600

Course content/ Course description:
Research project: Collecting, recording, tabulating, analysing and evaluating appropriate qualitative and quantitative data with appropriate statistical tools, under the supervision of at least one appropriate academic staff of FVMAS.
Scientific writing: Incorporate analyzed data into assigned writing clearly, concisely, and logically; and attribute the source with proper citation following scientific writing process and its key stages; Organizing and composing a scientific paper in accordance with the IMRAD (*Introduction, Methods, Results and Discussion*) model.
Oral presentation: Time management, effective communication skills; Present information to an audience with appropriate use of visual and technical aids.

Recommended Texts:

I. Creswell, J. W. (2013). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches.* 4th Ed. SAGE Publications. Inc. California, USA.
II. Dawson, C. (2009). Introduction to research methods: *A Practical Guide for Anyone Undertaking a Research Project*. 4th Ed. How To Books Ltd. Oxford, UK.
III. Booth, W. C., Colomb, G. G., Williams, J. M. (2008). *The Craft of Research*. 3rd Ed. University of Chicago Press. Chicago, USA.

Assessment	**Percentage Mark**
In-course	20
End-semester	80

Course Code	VS4206
Course Title	Integrated Veterinary Sciences VIII
No. of Credits	1
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1 and Y2S2 courses contributing to GPA
Compulsory/ Optional	Compulsory

Aim(s):
To further improve students' critical analytical and problem solving skills by exposing them to complex, real- world scenarios of multidisciplinary nature, and by doing so, (i) to further develop their ability to integrate knowledge, skills and attitudes gained from different courses learned through Y1S1 to Y4S2, and (ii) to prepare them to enter the clinical-heavy final year of the study program with a thorough understanding of how foundation-sciences relate to applied veterinary clinical/ animal production sciences.

Intended Learning Outcomes:
At the end of the course, the student will be able to;

i) demonstrate progression of critical thinking skills from VS4145,
ii) synthesize and integrate material from concurrent and previous subjects to evaluate provided scenarios and to create problem lists,
iii) develop the problem list into a clearly defined set of testable hypotheses based on factors that may include clinical presentation, pathophysiological understanding, compilations of data, field reports, or clinical records,
iv) direct the collection of additional data by means such as clinical tests or similar alternatives to refine the problem to a single demonstrated hypothesis,
v) formulate an action plan appropriate to the final hypothesis and draw upon a wide variety of information sources to postulate its likely outcome,
vi) display sustained development of a range of professional skills that includes inter-personal skills, team/ collaborative work, communication skills, ICT skills and problem-solving skills,
vii) evaluate the challenges, opportunities, and trends (both local and global) in the field of Veterinary Medicine and Animal Science,
viii) display intellectual curiosity by finding, managing and applying information from a wide range of sources,
ix) display sound professional judgement, with consideration for appropriate ethical, moral and legal principles, and
x) describe economic, management and business aspects of commercial veterinary practice.

Time Allocation (**Hours**): In-class assignments 30; Independent learning 20

Course content/ Course description: The Integrated Veterinary Sciences stem will use a student-centered Problem Based Learning (PBL) approach. Students will be presented with health and/or management-related problems that will require them to integrate topics covered to-date, with emphasis upon developing the clinical and professional abilities of students, including the development of diagnostic reasoning skills. Course teachers will facilitate students' comprehension of each case scenarios by making connections between course-material and additional information obtained through reading. Students will be expected to develop and practice interpersonal, communication and team working skills and to express appropriate professional behaviour.

Recommended Texts: Recommended review articles and electronic resources including videos relevant to the respective scenario/problem will be prescribed during the delivery of the course.

Assessment:	**Percentage Mark**
In-course:	75
End-semester	25

Course Code	VS5101
Course Title	Farm Animal Clinics I
No. of Credits	8
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1, Y2S2, Y3S1 and Y3S2 courses contributing to GPA and all the English courses.
Compulsory/ Optional	Compulsory

Aim(s):
To provide students the opportunity to gain experience in clinical practice with respect to farm animals and equids.

Intended Learning Outcomes:
At the end of course, students will be able to demonstrate;

i) clinical skills in handling, restraining, examining, and conducting routine technical procedures on farm animals in a manner that is safe for the animal and the operator,
ii) systematic problem-solving skills with consideration of differential diagnoses and use of appropriate and cost-effective diagnostic aids to facilitate arriving at a confirmatory diagnosis of common medical and surgical conditions of farm animals,
iii) competence in treatment and management of common medical conditions of farm animals and equids considering cost-effective treatment option and competence in application of basic principles of therapeutic agents as they pertain to farm animal and equine practice,
iv) ability to participate in common surgical interventions of farm animals and equids with consideration on cost- effectiveness of the surgery,
v) ability to conduct a systematic and rational approach to the investigation, management, control and prevention of diseases and disorders at the herd level by analysing relevant clinical, pathological and epidemiological data,
vi) competence in application of the principles for improving farm production and ability to practice personal biosecurity measures at farm level,
vii) explain and apply the relationship of nutrition and management with diseases and disorders in farm animals and equids,
viii) ability to communicate effectively with clients about medical/ surgical management of common disorders of farm animals and equids,
ix) professional approach to ethical issues, including circumstances under which a patient should be referred to a specialist facility, and
x) ability to assess the need for, and undertaking, euthanasia, effectively and humanely, in consideration of the wellbeing of the animal and to reduce economic loss to the farmer.

Time Allocation (**Hours**):
Demonstrations (Clinical) 30; Clinical Work 225; Clinicals (by observation) 60; Independent learning 85

Course content/ Course description:
The course consists of 4 compulsory two-week clinical rosters in farm animals and horses. The rosters are: (i) Ambulatory Large Animal Clinic Roster, (ii) Large Animal Reproduction and Equine Roster, (iii) Poultry and Pig Roster, and (iv) Necropsy and Veterinary Public Health roster. During these rosters, students will be working under the guidance and supervision of clinicians and develop skills in history taking, clinical examination, listing deferential diagnosis, obtaining samples for laboratory diagnosis, participating in diagnostic imaging procedures, interpreting results, arriving at diagnosis, managing hospitalized patients and prescribing/ administering medication. They will also gain experience in interacting with clients, teamwork with professional people, develop competency in record keeping and expected to develop and display a high standard of professional attributes.

Recommended Texts:

I. Parkinson, T.J., Vermunt, J.J. and Malmo, J. (2009). Diseases of Cattle in Australasia. The New Zealand Veterinary Association Foundation for Continuing Education (VetLearn®).
II. Jackson, P. G.G. and Cockcroft, P. D. (2007). Handbook of Pig Medicine. Saunders.
III. DuCharme, N. and Fubini, S.L. (2004). Farm Animal Surgery (2nd Ed.). Saunders.

Assessment	**Percentage Mark**
In-course	40
End-semester	60

Course Code	VS5102
Course Title	Companion and Wild Animal Clinics I
No. of Credits	8
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1, Y2S2, Y3S1 and Y3S2 courses contributing to GPA and all the English courses.
Compulsory/ Optional	Compulsory

Aim(s): To provide students the opportunity to gain experience in clinical practice with respect to companion animal medicine and surgery, and wildlife health and management**.**

Intended Learning Outcomes:

At the end of course, students should be able to demonstrate;

i) competency in handling a clinical case, taking history, conducting general and special clinical examinations, and formulating a list of differential diagnoses,
ii) ability to collect samples and request the relevant diagnostic techniques / tests and interpret the results for establishing a confirmatory diagnosis, and rationalizing the treatment / management plan,
iii) ability to correctly and legally prescribe and dispense therapeutic agents,
iv) skills in case management, including the ability to apply safe, effective treatment and care and adequate pain management,
v) ability to manage critical and intensive care patients to a standard appropriate to a Day One graduate,
vi) the ability to perform routine veterinary surgical procedures (including post-operative management),
vii) work ethics, professionalism and communication skills, whilst interacting with clients, veterinary professionals, support staff and fellow students, and
viii) the ability to undertake self-directed learning.

Time Allocation (**Hours**): Demonstrations (Clinical) 30; Clinical Work 225; Clinicals (by observation) 60; Independent learning 85

Course content/ Course description:

i) The course consists of 4 compulsory two-week clinical rosters.
ii) Companion Animal Clinical Medicine
iii) Companion Animal Clinical Surgery
iv) Wildlife and Companion Animal Wards
v) Companion Animal Ancillary (Pharmacy and Diagnostic Laboratory, Continuous Monitoring Unit (CMU) and Emergency Critical Care)

During these rosters, students will be working under the guidance and supervision of clinicians and develop skills in history taking, clinical examination, listing deferential diagnosis, obtaining samples for laboratory diagnosis, participating in diagnostic imaging procedures, interpreting results, arriving at diagnosis, managing hospitalized patients and prescribing**/** administering medication**.** They will also gain experience in interacting with clients, teamwork with professional people, develop competency in record keeping and expected to develop and display a high standard of professional attributes**.**

Recommended Texts:

I. Slatter, D. H. (2003). Textbook of small animal surgery (Vol. 1). Elsevier Health Sciences.
II. Ettinger, S. J. and Feldman, E. C. (2009). Textbook of Veterinary Internal Medicine-eBook. Elsevier health sciences.

Assessment	**Percentage Mark**
In-course	50
End-semester	50

Course Code	VS5201
Course Title	Farm Animal Clinics II
No. of Credits	4
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1, Y2S2, Y3S1 and Y3S2 courses contributing to GPA and all the English courses
Compulsory/ Optional	Compulsory

Aim(s):

To prepare students for entry to the veterinary profession by further developing their professional and clinical skills related to farm animals and horses.

Intended Learning Outcomes:

At the end of course, students will be able to demonstrate;

i) clinical skills in handling, restraining, examining, and conducting routine veterinary procedures in a manner that is safe for the animal and operator,
ii) the ability to design appropriate, comprehensive treatment plans for hospitalized and field clinical cases,
iii) the ability to correctly and legally prescribe and dispense therapeutic agents; including minimizing the risk of the development of antimicrobial resistance,
iv) a systematic and rational approach to investigating diseases and disorders at the herd level, and formulating appropriate management, control and prevention measures based upon this information,
v) the ability to formulate preventive health care plans, which place appropriate emphasis on biosecurity, contagious and zoonotic diseases,
vi) maintenance of suitable clinical records,
vii) the ability to recognize pain and formulate suitable pain management strategies to ensure welfare of farm animals and horses,
viii) the ability to collect appropriate samples from live and dead animals; dispatch them to a diagnostic laboratory; select appropriate diagnostic tests; correctly interpret the results,
ix) the ability to perform post-mortem examination under field or hospital conditions,
x) the ability to assess the need for, and undertake, euthanasia, effectively and humanely in consideration of the wellbeing of the animal and the wishes of the owner,
xi) the ability to apply safe practice of personal biosecurity measures appropriate to the clinical setting,
xii) a high standard of personal, ethical and professional behavior. This includes interactions with the public, clients and their animals; interactions with practicing veterinarians and support staff; and awareness of circumstances under which a patient should be referred to a specialist facility, and
xiii) the ability to take responsibility for personal safety, as well as that of clients and their animals.

Time Allocation (**Hours**): Demonstrations (Clinical) 15; Clinical Work 113; Clinicals (by observation) 30; Independent learning 42

Course content/Course description:

The course consists of 4 compulsory one**-**week clinical rosters and include ambulatory clinical services, reproduction, equine**/** swine and necropsy and veterinary public health services**.**

Recommended Texts:

I. Parkinson, T.J., Vermunt, J.J. and Malmo, J. (2009). Diseases of Cattle in Australasia. The New Zealand Veterinary Association Foundation for Continuing Education (VetLearn®).
II. Noakes, D. E., Parkinson, T.J., England, G.C.W. and Arthur, G.H. (2009). Arthur's Veterinary Reproduction and Obstetrics (8th Ed.). Elsevier.
III. Mair, T., Love, S., Schumacher, J., Smith, R. K.W. and Frazer, G. (2012). Equine Medicine, Surgery and Reproduction (2nd Ed.). Saunders.

Assessment	**Percentage Mark**
In-course	50
End-semester	50

Course Code	VS5202
Course Title	Companion and Wild Animal Clinics II
No. of Credits	4
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1, Y2S2, Y3S1 and Y3S2 courses contributing to GPA and all the English courses
Compulsory/ Optional	Compulsory

Aim(s):
To prepare students for entry to the veterinary profession by further developing their professional and clinical skills related to companion and wild animals.

Intended Learning Outcomes:
At the end of course, students will be able to demonstrate;

i) clinical skills in handling, restraining, examining, and conducting routine veterinary procedures on companion animals and wildlife in a manner that is safe for the animal and operator,
ii) systematic problem-solving skills to manage clinical cases from admission to discharge,
iii) the ability to design appropriate, comprehensive treatment plans for hospitalised and outpatients,
iv) the ability to correctly and legally prescribe and dispense therapeutic agents; including minimizing the risk of the development of antimicrobial resistance,
v) the ability to formulate preventive health care plans, which place appropriate emphasis on biosecurity, contagious and zoonotic diseases,
vi) maintenance of suitable clinical records,
vii) the ability to recognize pain and formulate suitable pain management strategies to ensure welfare of patients,
viii) the ability to collect appropriate samples from live and dead animals; dispatch them to a diagnostic laboratory; select appropriate diagnostic tests; correctly interpret the results,
ix) the ability to perform postmortem examination of companion and wild animals,
x) the ability to assess the need for, and undertake, euthanasia, effectively and humanely in consideration of the well-being of the animal and the wishes of the owner,
xi) safe practice of personal biosecurity measures appropriate to the clinical setting,
xii) a high standard of personal, ethical and professional behavior. This includes interactions with the public, clients and their animals; interactions with practicing veterinarians and support staff; and awareness of circumstances under which a patient should be referred to a specialist facility, and
xiii) taking responsibility for personal safety, as well as that of clients and their animals.

Time Allocation (**Hours**): Demonstrations (Clinical) 15; Clinical Work 113; Clinicals (by observation) 30; Independent learning 42

Course content/Course description:
The course consists of 4 compulsory one-week clinical rosters. The rosters will be:

i) Companion Animal Clinical Medicine
ii) Companion Animal Clinical Surgery
iii) Wildlife and Companion Animal Wards
iv) Companion Animal Ancillary [Pharmacy and Diagnostic Laboratory, Continuous Monitoring Unit (CMU) and Emergency Critical Care]

During these rosters, students will develop competency in handling companion and wildlife clinical cases seen in primary accession, take responsibility for managing hospitalized patients, develop competency in effective verbal and written communication with clients and work in groups of related professional people while developing a high standard of professional attributes.

Recommended Texts:

I. Slatter, D. H. (3rd Ed.). (2003). Textbook of Small Animal Surgery (Vol. 1). Elsevier Health Sciences.
II. Ettinger, S. J. and Feldman, E. C. (2009). Textbook of Veterinary Internal Medicine-eBook. Elsevier Health Sciences.

Assessment	**Percentage Mark**
In-course	50
End-semester	50

Course Code	VS5203
Course Title	Externships
No. of Credits	8
Prerequisites	Successful completion of all Y1S1, Y1S2, Y2S1, Y2S2, Y3S1 and Y3S2 courses contributing to GPA and all the English courses
Compulsory/ Optional	Compulsory (with optional rosters)

Aim(s):
To prepare students for entry to the veterinary profession by further developing their professional and clinical skills related to domestic and wild animals by exposing students to 'real-life' scenarios through Externship experiences

Intended Learning Outcomes:
At the end of course, students will be able to;

i) apply knowledge and skills acquired during previous semesters in the 'world of work',
ii) explain the role of veterinarian in private/commercial practice,
iii) assess the welfare of farm, domestic and captive animals and provide advice on how to mitigate those issues,
iv) demonstrate capability of furthering knowledge and skills while providing private/ commercial veterinary services,
v) design intervention strategies based on theoretical knowledge and skills to address the needs of domestic and wild animals, aquatic species and different production systems and industries,
vi) display prudent use of antimicrobials and other pharmaceuticals in domestic and wild animals.
vii) demonstrate prescribing practices that take full account of minimizing the risk of antimicrobial resistance,
viii) minimise risks to food biosecurity when using pharmaceutical agents in farm animals,
ix) display an ethical and professional attitude to their work, always including interactions with the public, clients and their animals; interactions with practicing veterinarians and support staff, and
x) provide advice to relevant stakeholders regarding diseases of animals which affect human health and wellbeing.

Time Allocation (**Hours**): Clinical/Field Work 360; Independent learning 40

Course content/ Course description:
The course consists of 2 weeks compulsory Externships Rosters in (i) dairy cattle and (ii) poultry (*commercial layer and broiler management*) and 2 Electives of 2 weeks selected from following list; (i) SA private practice, (ii) zoo/wildlife, (iii) aquaculture, (iv) equine, (v) swine, (vi) smallholder practice, (vii) poultry (breeder/hatchery) and (viii) poultry processing and quality assessment**.** The Externship and Elective rosters will be conducted in locations other than FVMAS**.**

Recommended Texts:

I. Parkinson, T.J., Vermunt, J.J. and Malmo, J. (2009). Diseases of Cattle in Australasia. The New Zealand Veterinary Association Foundation for Continuing Education (VetLearn®)
II. Noakes, D.E., Parkinson, T.J., England, G. C.W. and Arthur, G. H. (2009). Arthur's Veterinary Reproduction and Obstetrics (8th Ed.). Elsevier.
III. Mair, T., Love, S., Schumacher, J., Smith, R.K.W. and Frazer, G. (2012). Equine Medicine, Surgery and Reproduction (2nd Ed.). Saunders.
IV. Slatter H Douglas (2003). Textbook of Small Animal surgery (3rd Ed.). Published by Saunders
V. Ettinger, S.J., Feldman, E.C. and Cote, E. (2017). Textbook of Veterinary Internal Medicine Expert Consult (8th Ed.). Published by Saunders.
VI. Brown, L. (1993). Aquaculture for Veterinarians: Fish Husbandry and Medicine. Butterworth-Heinemann.

Assessment	**Percentage Mark**
In-course	50
End-semester	50

4 Code of Conduct for Veterinary Students

As a veterinary student, you are on the threshold of becoming a member of the veterinary profession, dedicated to caring for the health and well-being of animals. As a future member of the veterinary profession, you may engage in a wide range of other activities such as ensuring the safety and adequacy of food production, biomedical research and education. All of these activities entail a career of lifelong learning. Moreover, as a member of the veterinary profession, you have an obligation to serve the community while maintaining the honour and dignity of the profession.

Admission to the University of Peradeniya signifies a new chapter in your life, and the veterinary curriculum with its diverse teaching programme will be an exciting challenge for you. The following Code of Conduct is intended as a set of guidelines for acceptable behaviour for all undergraduate students in the Faculty of Veterinary Medicine and Animal Science. It will also help you get through the rigorous veterinary curriculum in an efficient manner.

1) Students shall treat each other and all members of the staff, both academic and non-academic, with respect, fairness and courtesy, irrespective of any differences they may have. No student shall at any time abuse another student or a member of staff mentally or physically.
2) Students shall follow all rules and regulations of the University of Peradeniya.
3) All students have an equal right to access common resources of the university and no student shall prevent another student or member of the staff from accessing common resources or participating in activities related to the veterinary degree programme or other activities within the university.
4) Students are expected to attend lectures, laboratory, clinical, and other classes regularly and punctually, and participate enthusiastically in all academic activities.
5) Students shall be honest and truthful in all situations relating to their education, examinations, and other activities in the university.
6) Students are expected to be active learners and to resolve their problems and difficulties through discussion and consensus.
7) Students are expected to use all available resources to gain knowledge and experience, which will result in a competent and compassionate veterinary surgeon and lay the foundation for lifelong learning.
8) Students shall always be mindful of the welfare and comfort of their patients and be sensitive to the needs of the owners.
9) Students shall not engage in clinical veterinary practice until they have successfully completed all examinations and requirements of the BVSc. programme completed the internship and have registered with the Veterinary Council of Sri Lanka.

5 Code of Conduct for Clinical Examinations of the Veterinary Students

5.1 Clinical Examinations

Clinical examinations of the Faculty of Veterinary Medicine and Animal Science (FVMAS) include the long and short clinical cases of companion and farm animals, animal restraining, pregnancy diagnosis, surgical procedures, objective structured practical examinations (OSPE) and objective structured clinical examinations (OSCE). These examinations are mainly conducted by the Department of Veterinary Clinical Sciences and Department of Farm Animal Health and Production to evaluate the skills necessary to diagnose and treat diseases affecting livestock, companion, wild, zoo and aquatic animals.

5.2 Information about the Examinations

All information relevant to clinical examinations including the subject, components of the examination, dates, venues, time durations, groups, index numbers of students will be displayed in the notice boards of the relevant Departments. Eligible candidates are expected to read the notices and follow the instructions.

5.3 Code of Conduct for Students attending Clinical Examinations

Candidates who are attending the clinical examinations should:

1) Report to the respective venue at least 15 minutes before the scheduled time of the examination.
2) Wear appropriate attire (e.g., scrub suits, coveralls, boots, gloves)
3) Display their index number pinned on the attire.
4) Bring the admission card and student record book/ student identity card.
5) Bring material needed to perform a clinical examination such as stethoscope, thermometer, forceps, torch, knee hammer.
6) Wait outside the examination venue until they receive verbal or written instructions relating to the examination from staff member(s).
7) Get all their queries clarified before commencing the examination.
8) Behave courteously when communicating with the examiners, animal owners, academic and support staff/ farm staff.
9) Strictly adhere to the instructions of the clinical examination.
10) Consider the welfare of the patient first.
11) **NOT** discuss the personal details of the animal owners/ clinical case in or outside the examination area at any time, with any person.
12) **NOT** move the patient from the examination room/ venue without the examiner's consent.
13) **NOT** falsify, alter, or misuse clinical records, vaccination certificate, prescriptions or other forms used in the respective Department or Veterinary Teaching Hospital

Failure to adhere to the instructions will be considered as a breach of examination procedures and may result in action being taken against the candidate concerned.

6 Regulations relating to Examination Procedure, Offences and Punishments for Examinations Conducted Under Course Unit and Semester-based Study Programmes

These regulations have been prepared by the Senate of the University of Peradeniya and approved by the Council under Section 136 read with Sections 29, 45 and 46 of the Universities Act No. 16 of 1978 as amended by the Universities (Amendment) Act NO.7 of 1985.

Part I - Examination Procedure (Section 32 University calendar 2018/2019)

1. A candidate is expected to be outside the examination hall at least 15 minutes before the commencement of each paper but shall not enter the hall until he/she is requested to do so by the supervisor.
2. On admission to the hall a candidate shall occupy the seat allotted to him/her and shall not change it except on the specific instruction of the Supervisor.
3. For examinations which have duration of one or more hours, a candidate shall not be admitted to the examination hall after the expiry of half an hour from the commencement of the examination. A candidate shall not be allowed to leave the hall until half an hour has elapsed from the commencement of the examination or during the last 15 minutes of the paper.
4. However, under exceptional circumstances or in cases where examinations have duration of less than one hour, the supervisor in consultation with the Dean of the Faculty concerned may use his discretion in the enforcement of Rule 3.
5. A candidate shall have his/her student record book/student identity card/admission card with him/her in the examination hall on every occasion he/she presents himself/herself for a paper. His/Her candidature is liable to be cancelled if he/she does not produce the student record book/student identity card/admission card, he/she shall sign a declaration in respect of the paper for which he/she had not produced the student record book/student identity card/admission card in the form provided for it, and produce the student record book/student identity card/admission card to the Registrar or the relevant senior Assistant Registrar/Assistant Registrar within the next three working days. If a candidate loses his/her student record book/student identity card/admission card during the examination period, he/she shall obtain a duplicate of student record book/student identity card/admission card as the case may be from the Registrar or relevant Senior Assistant Registrar/Assistant Registrar for production at the examination hall.
6. A candidate shall not have on his/her person or in his/her clothes or on the admission card, timetable, student record book/student identity card, any notes, signs or formulae etc., except those items that are permitted. All unauthorized items which a candidate has brought with him/her should be kept at a place indicated by the Supervisor / Invigilator.
7. A candidate may be required by the supervisor to declare any item in his/her possession or person.
8. No candidate shall copy or attempt to copy from any book or paper or notes or similar material or from the scripts of another candidate. A candidate shall neither help another candidate nor obtain help from another candidate or any other person. A candidate shall not conduct himself/herself so negligently that an opportunity is given to any other candidate to read anything written by him/her or to watch any practical examination performed by him/her. No candidate shall use any other unfair means or obtain or render improper assistance at the examination.

9. If any candidate was found to have copied from another candidate by an examiner at the time of marking, he/she would be treated as having committed a punishable offence.
10. No candidate shall submit a practical book or field book or dissertation/thesis or project study or answer script or assignment which has been prepared wholly or partly by anyone other than the candidate himself/herself.
11. A candidate shall bring his/her own pens, ink, mathematical instruments, erasers, pencils or any other approved equipment or stationery which he/she has been instructed to bring. The use of a calculator will be permitted only for papers that contain a rubric to that effect.
12. Examination stationery (i.e. writing paper, graph paper, drawing paper, ledger paper, precis paper etc.) will be supplied at the examination hall as and when necessary. No sheet of paper or answer book supplied to a candidate may be torn, crumbled, folded or otherwise mutilated. No papers other than those supplied to him/her by the Supervisor/invigilator shall be used by candidates. All material supplied, whether used or unused, shall be left behind on the desk and not removed from the examination hall.
13. Every candidate shall enter his/her Index Number/Registration Number on each answer book and on every continuation paper. He/She shall also enter all necessary particulars as required. A candidate who inserts on scripts an index Number/Registration Number other than his/her own is liable to be considered as having attempted to cheat.

    A script that bears no Index Number/Registration Number or has an Index Number /Registration Number which cannot be identified, is liable to rejected. No candidate shall write his/her name or any other identifying mark on the answer script unless otherwise authorized.
14. All calculators and rough work shall be done only on paper supplied for the examination and shall be cancelled and attached to the answer script. Such work should not be done on any other material. Any candidate who disregards these instructions runs the risk of being considered as having written notes or outline of answers with the intention of copying.
15. Any answer or part of an answer, which is not to be considered for the purpose of assessment, shall be neatly crossed out. If the same question has been attempted in more than one place the answer or answers that are not to be considered shall be neatly crossed out.
16. Candidates are under the authority of the supervisor and shall assist him/her by carrying out his/her instructions and those of the Invigilator during the examination and immediately before and after it.
17. Every candidate shall conduct himself/herself in the examination hall and its precincts as not to cause disturbances or inconvenience to the supervisor or his staff or to other candidates. In entering and leaving the hall, he/she shall conduct himself/herself as quietly as possible. A candidate is liable to be excluded from the examination hall for disorderly conduct.
18. Candidates shall stop work promptly when ordered by the Supervisor/Invigilator to do so.
19. Absolute silence shall be maintained in the examination hall and its precincts. A candidate is not permitted for any reason whatsoever to communicate or to have any dealing with any person other than the Supervisor /Invigilator. The attention of the Supervisor/ invigilator shall be drawn by the candidate by raising his/her hand from where he/she is seated.

20. During the course of answering a question paper no candidate shall be permitted to leave the examination hall temporarily. In case of an emergency, the Supervisor /Invigilator may grant him/her permission to do so but the candidate will be under his/her surveillance.
21. No person shall impersonate a candidate at the examination, nor shall any candidate allow himself/herself to be impersonated by another person.
22. Any candidate receiving unauthorized assistance from any person shall be deemed to have committed an examination offence.
23. If circumstances arise which in the opinion of the supervisor render the cancellation or postponement of the examination necessary, he/she shall stop the examination, collect the scripts already written and then report the matter as soon as possible to the Dean of the relevant Faculty.
24. The Supervisor/invigilator is empowered to require any candidate to make a statement in writing on any matter which may have arisen during the course of the examination and such statement shall be signed by the candidate. No candidate shall refuse to make such a statement or to sign it. If such a candidate refuses to make such a statement or refuses to sign it, the Supervisor/invigilator shall make his own statement and report the matter to the Dean of the Faculty.
25. No candidate shall contact any person other than the Vice-Chancellor, Dean, Head of the Department, the Registrar or the relevant Senior Assistant Registrar regarding any matter concerning the examination.
26. Every candidate shall hand over the answer script personally to the Supervisor /Invigilator or remain in his/her seat until it is collected. On no account shall a candidate hand over his/ her answer script to an attendant a minor employee, or another candidate.
27. Every candidate who registers for a course/course unit shall be deemed to have sat the examination of that course/course unit unless he/she withdraws from the course /course unit within the prescribed period for dropping courses/course units. He/She should submit a medical certificate in support of his/her absence, prior to the commencement of the examination. If such a document cannot be submitted before the commencement of the examination. A candidate shall inform of his/her inability to attend the examination to the Dean of the Faculty within a week after the commencement of the examination. The medical certificate shall conform to the Senate Regulations (See Appendix I).
28. When a candidate is unable to present himself/herself for any part/section of an examination of a course/course unit, he/she shall notify or cause to be notified this fact to the Dean of the Faculty and relevant Senior Assistant Registrar or Assistant Registrar immediately. This should be confirmed in writing with supporting documents by registered post within two weeks.
29. A student will be eligible for honours if all requirements for the award of honours are met within the prescribed period for the degree. However, candidates found guilty of an examination offence shall not be eligible for honours.
30. No student shall sit an examination of a course/course unit, if he/she has exhausted the number of attempts that he/she is allowed to sit that particular examination, unless he/she has been granted special permission to do so by the Dean of the relevant Faculty.

Part II - Examination Offences and Punishments

1. Any candidate who violates Examination Rule 6 shall be deemed guilty of the offence of possession of unauthorized documents/items and his/her candidature for the examinations of that semester shall be cancelled and he/she shall be prohibited from sitting any examination of this university for a period varying from 1- 5 semesters.
2. Any candidate who violates Examination Rule 8 or 9 shall be deemed guilty of the offence of copying and therefore his/her candidature shall be cancelled from the examinations of that semester and he/she, shall be prohibited from sitting any examination of this university for a period of five semesters.
3. Any candidate who violates Examination Rule 10 shall be deemed guilty of the offence of having cheated at the examination and his/her candidature for the examinations of that semester shall be cancelled and he/she shall be prohibited from sitting any examination of this university for a period varying from 1 - 9 semesters.
4. Any candidate who is detected removing examination stationery and other material provided for the examination (Rule 12) shall deemed guilty of an examination offence and his/her candidature for the examinations of that semester shall be cancelled and he/she shall be liable to be prohibited from sitting any examination of this university for a period of three semesters.
5. Any candidate who violates anyone or more of the rules in 7, 16, 17, 18, 19 and 20 shall be deemed guilty of the offence of disorderly conduct and his/her candidature shall be cancelled from the examinations of that semester and he/she shall be prohibited from sitting any examination of this university for a period of three semesters.
6. Any candidate who violates Examination Rule 21 shall be guilty of the offence of impersonation and his/her candidature for the examinations of that semester shall be cancelled and he/she shall be prohibited from sitting any examination of this university. Impersonator/s may also be liable to any punishment under the Penal Code/Criminal Law. In the event the impersonator is found to be a graduate of this university, his/her degree shall be withdrawn.
7. Any candidate who violates Examination Rule 22 shall be guilty of an examination offence and his/her candidature for the examinations of that semester shall be cancelled and he/she shall be prohibited from sitting any examination of this university for a period of 1- 5 semesters.
8. Any candidate found aiding and abetting in the commission of any of the above examination offences shall be deemed to have committed that offence and shall be punished in respect of the offence in accordance with the provisions of the relevant section.
9. Any other offence which is not covered in the above sections alleged to have been committed by a candidate and reported to the relevant authority by a Supervisor or Examiner shall be inquired into and appropriate action taken.

Part III - Procedure Regarding Examination Offences Committed by Candidates

1. There shall be an Examination Disciplinary Committee of not less than 3 members of whom at least one member is from outside the Faculty, appointed for each case by the Dean of the relevant Faculty to inquire into and make recommendations (including punishments) on examination offences referred to it. Member(s) outside the Faculty shall be selected from a panel of members appointed for this purpose by the Vice Chancellor.

2. Examination offences may be broadly classified as follows:

   1.1 Possession of unauthorized documents/items
   1.2 Copying
   1.3 Cheating
   1.4 Removal of stationery
   1.5 Disorderly conduct
   1.6 Impersonation
   1.7 Unauthorized assistance
   1.8 Aiding and abetting in the commission of above offences
   1.9 Other offences

3. Punishments (As specified in Part II, Section 1 to 9)

4. Procedure

   4.1. In all cases of violation of examination rules detected, the Supervisor shall take action as outlined below and forward his/her report to the relevant Dean/Senior Assistant Registrar or Assistant Registrar.

   4.2. In case of disorderly conduct, the Supervisor shall in the first instance warn the candidate to be of good behaviour. Disorderly conduct shall be considered grave, only if such conduct in the opinion of the supervisor is considered as causing a disturbance in the conduct of the examination. Where the candidate persists in unruly or disorderly conduct the supervisor may exclude the candidate from the examination hall and issue him a letter with a copy to the relevant Dean/Senior Assistant Registrar/Assistant Registrar, cancelling his/her candidature from the examination.

   4.3. In all cases of examination offences detected, the Supervisor shall send a report to the relevant Dean along with any material taken into custody. Material taken into custody should be authenticated by placing the signatures of the candidate and the Supervisor / Invigilator and the date, time and place of detection. A Supervisor should give of any incriminating material of which he/she cannot take possession. The Supervisor's report should be countersigned by one of the Invigilators.

   4.4. The Dean after preliminary inquiry shall place all reports of examination offences submitted by Supervisors for action of the relevant Examination Disciplinary Committee for further action

   4.5. Supervisor, Examiner, Head of Department or any other official of the University who detects an examination offence shall report the matter in writing to the relevant Dean, who shall after preliminary inquiry submit his findings to the relevant Examination Disciplinary Committee for further action.

4.6. Any allegations regarding the commission of examination offences from whomsoever received shall be submitted by the Dean after preliminary inquiry to the relevant Examination Disciplinary Committee for further action.

5. The Decision

5.1. The punishment recommended by the Examination Disciplinary Committee shall be submitted to the relevant Faculty Board for a decision and the decision will be reported to the Senate for ratification.

5.2. Senior Assistant Registrar/Assistant Registrar of the relevant Faculty shall be the Convener/Secretary of the inquiring committee on examination offences.

6. Appeals Board

6.1. There shall be an Appeals Board, consisting of three members, appointed by the Vice Chancellor to consider appeals regarding the decision referred to in 5.1 above. Any student on whom a punishment has been imposed may, within a period of two weeks from the date of communication to him/her of such punishment, appeal against such punishment to the Vice Chancellor.

6.2. The Appeals Committee shall have the power to review the decision reffered to in 5.1 regrding the punishment imposed and may either affirm, vary as deem necessary or set aside the decision regarding the punishment.

Appendix I - Procedure approved by the University of Peradeniya for the acceptance of Medical Certificates submitted by students for work and examinations

1. Students are requested to support the absence from course work or examination due to illness by a valid medical certificate conforming to the format of a medical certificate issued by a government hospital. Such medical certificates should be obtained from the following persons;

   - University Medical Officer (UMO)
   - District Medical Officer
   - Consultant Specialist in the particular field
   - Head of a Government Base Hospital
   - Medical Superintendent of a Provincial Ayurvedic Government Hospital
   - Ayurvedic Physician registered in the Council

Under exceptional circumstances, medical certificates issued by private hospitals or registered private practitioners could be considered by the University Medical Board.

2. Students who fall ill during sessions or examination time should contact the University Medical Officer at the University Health Centre immediately.

If a student falls sick at home or elsewhere during sessions or examination time he/she or his/her guardian should inform the Dean of the respective Faculty within seven (7) days

by telegram/fax/e-mail followed by a letter indicating the nature of the illness and the name of the attending doctor etc. Medical certificate supporting the illness of the student also should be sent to the Dean.

Under exceptional circumstances if a student was not able to meet the deadline mentioned above, he/she could send his/her appeal to the relevant Faculty Board.

The Dean on receipt of such medical certificate/s should follow the following procedure:

I. In case of Western Medical Certificates submitted by students to cover absence from coursework or examination:

a. The medical certificate should be referred to the Chief Medical Officer (CMO) of the University for his/her observations and recommendations.

b. The CMO in turn examines the certificate and if he/she wishes could summon the student for examination and thereafter send his/her observations, recommendations to the Dean.

c. In cases where the CMO wishes to convene the Western Medical Board he/she may make arrangements to convene the Western Medical Board and refer the recommendations of the Board to the Dean.

d. The Dean on receipt of such recommendations from the CMO or Western Medical Board should send it to the Faculty Board for ratification.

II. In the case of Ayurvedic Medical Certificates submitted by students to cover absence from course work or examinations the following procedure should be followed:

a. Ayurvedic medical certificates submitted by student in respect of absence from examinations or course work should be circulated among the members of the Ayurvedic Medical Board for their observations by the Senior Assistant Registrar/ Assistant Registrar in charge of student registration of each Faculty in consultation with the Deans of the respective Faculties.

b. Each member of the Ayurvedic Medical Board may send his/her observations and recommendations on the face of the medical certificate to the Dean of the respective Faculty through the Senior Assistant Registrar/ Assistant Registrar of the Faculty.

c. In case where the opinion of the members of the Ayurvedic Medical Board vary the Senior Assistant Registrar/ Assistant Registrar of the Faculty in consultation with the Dean of the Faculty may take steps to convene a meeting of the Ayurvedic Medical Board

d. If the members of the Ayurvedic Medical Board think that the medical certificates should be examined at a meeting of the Board, the Dean of the Faculty should be informed accordingly.

e. If the members wish to examine students concerned, they could be summoned before the Medical Board through the Senior Assistant Registrar/ Assistant Registrar of the Faculty.

f. The recommendation of the Ayurvedic Medical Board should be sent to the Faculty Board through the Dean of the Faculty for ratification.

g. The original copies of the Ayurvedic Medical Certificate submitted by students should be kept in the files of the students concerned and copies of such certificates should be sent to the Chief Medical Officer for purposes of record.

3. There shall be two Medical Boards in the University, viz. Western Medical Board and Ayurvedic Medical Board.

A. Western Medical Board

Terms of Reference

a. The Western Medical Board shall consider cases where the Chief Medical Officer of the University has doubt about the validity of the grounds (including medical certificate) upon which the request of students to be excused for absence from course work or examinations.

b. The Chief Medical Officer of the University shall convene the Western Medical Board if and when necessary.

c. The Board has the right to call students before the Board when necessary for purposes of interview, examination and investigations.

d. Recommendations of the Medical Board should be sent to the Faculty Board through the Dean of the respective Faculty,

e. The Western Medical Board should consist of the Heads of the Departments of Medicine, Surgery and Psychiatry of the Faculty of Medicine or their nominees and the CMO of the University.

B. Ayurvedic Medical Board

Composition

The Ayurvedic Medical Board shall consist of three (3) persons appointed by the senate of the University.

Terms of Reference

a. The Ayurvedic Medical Board shall consider Ayurvedic Medical Certificates submitted by students requesting exemption from examinations or course work and make recommendations to the Senate through the Deans of the respective Faculties.

b. The Board shall meet at least once within a semester. The Senior Assistant Registrar/ Assistant Registrar in charge of student registration in consultation with the Dean of the respective Faculty shall convene meetings of the Ayurvedic

Medical Board whenever necessary and co- ordinate the work between the Faculty and the Ayurvedic Medical Board.

c. The board has the right to call students before the Board when necessary for purposes of interviews, examination and investigations. Such requests should be sent to the students through the Senior Assistant Registrar/ Assistant Registrar in charge of student registration of each Faculty.

Guidelines for the Functioning of the Ayurvedic Medical Board

a. When accepting Ayurvedic Medical Certificates, caution is to be exercised by accepting from only those who are registered in the Ayurvedic Medical Council.

b. General or Special registered Ayurvedic Medical Practitioners could recommend on anyone occasion leave up to 14 days at a stretch. Those with more than the above amount should get an endorsement from the Medical Officer in charge of the closest Government Ayurvedic Hospital or Government Ayurvedic Dispensary.

c. The decision on leave stipulated in Medical Certificates from Ayurvedic Hospitals, Government Dispensaries or Local Government Ayurvedic Dispensaries rests with the Board.

d. This Board possesses the right to question the validity of any Ayurvedic Medical Certificate.

e. The Board possesses the right to summon before them any student submitting an Ayurvedic Medical Certificate, if necessary.

4. When students request exemption from examinations or course work upon the basis of illness, the ultimate decision on question of exemption, repetition of course and of eligibility for honours, shall be the functions of the relevant Faculty Board upon the recommendation of the Medical Board or the Chief Medical Officer.

7 Examination Rules and Regulations of Faculty of Veterinary Medicine and Animal Sciences

Letter Grades and Grade Point Values (GPV) for each course will be calculated as per the table below. Grade Point Values are calculated based on the guidelines stipulated on the University Grants Commission Circular No. 901 dated 25th November 2008.

% Cut-off mark	Grade	GPV
85	A+	4
80	A	4
75	A-	3.7
70	B+	3.3
65	B	3
60	B-	2.7
55	C+	2.3
50	C	2
45	C-	1.7
40	D+	1.3
35	D	1
30	E	0

Examination By-Laws of the Five-Year BVSc Curriculum of Faculty of Veterinary Medicine and Animal Sciences
1) The examinations governed by these rules and regulations shall be conducted by a Board of Examiners appointed by the Senate.
2) Assessments for all courses as stipulated in the curriculum (i.e. in-course and/or end-semester examinations as relevant to each course) shall be conducted according to the guidelines of the relevant course.
3) All examination papers, for both in-course assessments and end-semester examinations, shall be scrutinized by the Board of Examiners appointed for the respective examinations.
4) The schedule of in-course assessments and end-semester examinations shall be notified to students at the commencement of the respective academic semester. In-course assessments may be scheduled within timetable hours allocated for that course.
5) Under exceptional circumstances only, if a student is absent for an in-course assessment, for which a valid excuse as stated under clause 8, is submitted and accepted by the Faculty Board, a make-up examination may be considered by the examiners of the respective course.
6) Students are required to be present at all teaching-learning activities and attain at least the minimum attendance stipulated for each respective course or a component therein. A. To become eligible to sit for the first available end-semester examination for a course without clinical appointments/ rosters, a student must have a minimum attendance of 80% for the respective course and should have completed all in-course assessments stipulated for the course. Students failing to fulfil these minimum requirements may not be eligible to sit for the first available end-semester examination for the respective course/s. Such a student shall sit for the next available examination of the respective course/s as a referred candidate. B. For courses with clinical and externship appointments/ rosters, clinical competencies stipulated for the respective course should be achieved. Students failing to fulfil these minimum requirements may not be eligible to sit for the first available end-semester examination for the respective course/s. Such a student will be required to achieve the stipulated competencies before he/she is permitted to sit for the next available examination of the respective course/s as a referred candidate.
7) With respect to any end-semester examination, an eligible student shall sit the first available examination unless a valid excuse has been submitted and accepted by the Faculty Board. A. The examination held immediately following the completion of the course at the end of each semester shall be deemed to be the first available examination. B. To sit an examination means taking all different components of the examination of a relevant course in one and the same sitting (see exemption below; 7-E). This includes, if applicable, completing the in-course assessment/s within the same semester.

C. In the absence of an acceptable excuse, failure to sit the first available examination shall be considered as an unsuccessful attempt at that examination.
D. If a student does not sit for the theory component of the end-semester examination of a course, he/she will not be eligible to sit for the practical components of the respective course.
E. Under exceptional circumstances, if a student is absent for a practical component of an end-semester examination, for which a valid excuse as stated under clause 8, is submitted and accepted by the Faculty Board, a make-up examination may be considered by the examiners of the respective course.

8) In the event a valid excuse for absence for a course/s at an examination is submitted is accepted by the Faculty Board, the examination shall not be considered as an attempt. A valid excuse is one that is defined as such by the Examination Procedure of the most recent University Calendar and is subject to change accordingly. According to the current University Calendar, a valid excuse shall be:

A. Illness or injury -

In case of an illness or injury, the student or his/ her parents/ guardian should contact the Dean of the Faculty within 7 days by telephone/ fax or e-mail followed by a letter within a period of 2 weeks indicating the nature of the illness and the name of the attending doctor. A medical certificate supporting the illness of the student should also be sent to the Dean of the Faculty. Medical certificates should be obtained from the following persons: University Medical Officer, District Medical Officer, Consultant Physician/ Surgeon, Head of Government Base Hospital, Medical Superintendent of a Provincial Ayurvedic Government Hospital, or an Ayurvedic Physician registered with the Ayurvedic Medical Council. Under special circumstances, a medical certificate issued by a private hospital or a registered private practitioner may be considered by the University Medical Board. The University Chief Medical Officer shall certify the acceptance of the medical certificate. Procedures approved by the University of Peradeniya, governing the acceptance of Medical Certificates submitted by students for work and examinations shall apply in all such events.

A. Personal problem involving immediate family member -

In case of a personal problem involving an immediate family member, the student should contact the Dean of the Faculty within 7 days by telephone/ fax or e-mail followed by a letter within a period of 2 weeks indicating the circumstances leading to his/ her absence from the examination. His/ her excuse shall be considered by the Faculty Board. Grounds for favourable consideration shall be:

a) Death of an immediate family member.
b) Serious illness of an immediate family member requiring personal attention by the student and certified by a medical practitioner specified in the university rules governing the medical certificates.

B. Participation in a university or national level event or any other legitimate cause for which prior permission has been obtained from the Faculty Board.

C. A serious natural disaster where evidence is available to prove that it has affected the candidate.

9) If a student is unable to sit the first available end-semester examination due to any of the reasons stated in Clause 8, and a valid excuse is submitted and accepted by the Faculty Board, he/she should sit the very next available examination which shall be as considered his/her first attempt.

10) If an eligible candidate, does not sit for one or more courses, or components thereof, of an end-semester examination/ repeat examination, even with a valid excuse covered under clause 8; the results of the courses that he/she sat for in the respective examination will be withheld until he/she has sat for all courses that he/she is eligible for in the respective examination.

11) Repeat Examinations for any course, if held, shall comprise all components tested in the in-course assessment/s and the end-semester examination of that particular course. Further, the examination for a particular course should be similar both in time duration and marks allocated for each component tested in the in-course assessment/s and end-semester examination, cumulatively.

12) Letter Grades and Grade Point Values (GPV) for each course shall be calculated based on the following guidelines stipulated on University Grants Commission Circular No. 901 dated 25th November 2008.

A+	A	A-	B+	B	B-	C+	C	C-	D+	D	E
4.00	4.00	3.70	3.30	3.00	2.70	2.30	2.00	1.70	1.30	1.00	0.00

13) A candidate shall be considered to have successfully completed and passed a course if he/ she earns a minimum of a ‘C’ grade for that particular course.

14) A candidate shall be considered to have failed if he/she earns a grade of ‘C minus’ or less for a course. Such a student shall sit for the referred course/s at the next available examination.

15) A student who has failed a GPA-course at the first attempt shall be given a maximum of three more attempts, provided the Faculty Board has determined that he/she has sufficient time to complete the B.V.Sc. degree within ten academic years from his/her date of first registration.

A. A grade higher than a ‘C’ shall not be awarded for a referred candidate for the respective course/s.
B. A student who has not obtained a minimum of a ‘C’ grade for all GPA-courses (i.e. with the exemption of English I, II, III and IV) within the four attempts shall not be permitted to sit the examination for the respective course/s again and his/her studentship shall be terminated.
C. Under exceptional circumstances, an appeal for a fifth attempt may be considered by the Faculty Board.
D. A student should obtain a passing grade (‘C’) for all non-GPA compulsory courses (i.e. English I, II, III and IV) before being eligible to be a candidate for the end-semester examinations held in the 9th semester.

16) A student must obtain the following specified minimum requirements to advance in the B.V.Sc. degree programme:

A. A student must pass (i.e. obtain a minimum of a 'C' grade for) Veterinary Anatomy I (VS 1101), Biochemistry I (VS 1102), Veterinary Physiology I (VS 1107), Veterinary Anatomy II (VS 1201), Biochemistry II (VS 1202) and Veterinary Physiology II (VS 1207) to be eligible to sit for the end-semester examinations of the courses offered in Semester 5.
B. A student must pass (i.e. obtain a minimum of a 'C' grade for) General Pathology (VS 2101), Veterinary Bacteriology and Mycology (VS 2102), Immunology (VS 2103), Veterinary Parasitology I (VS 2104), Animal Nutrition (VS 2105), Monogastric Production (VS 2107), Systemic Pathology (VS 2201), Veterinary Parasitology II (VS 2202), Introduction to Veterinary Clinical Practice (VS 2203), Veterinary Virology (VS 2204), and Ruminant Production (VS 2205) to be eligible to sit for the end-semester examinations of the courses offered in Semester 7.
C. A student must pass (i.e. obtain a minimum of a 'C' grade for) Clinical Pathology and Diagnostics (VS 3101), Veterinary Pharmacology and Toxicology I (VS 3102), Biostatistics (VS 3103), Aquaculture and Aquatic Animal Health (VS 3104), Research Methodology (VS 3108), Companion Animal Health I (VS 3201), Veterinary Pharmacology and Toxicology II (VS 3202), Epidemiology (VS 3203), Farm Animal Medicine and Surgery I (VS 3204), Genetics and Breeding (VS 3205), and Equine Health and Management (VS 3206) to be eligible to sit for the end-semester examinations of the courses offered in Semester 9.
D. A student must pass (i.e. obtain a minimum of a 'C' grade for) Veterinary Public Health I (VS 4101), Farm Animal Medicine and Surgery II (VS 4103), Companion Animal Health II (VS 4104), Theriogenology (VS 4105), Veterinary Public Health II (VS 4201), Poultry Pathology and Health (VS 4202), Companion Animal Health III (VS 4203), Wild Animal Health and Management (VS 4204), and the Research Project (VS 4205) to be eligible to sit for the end-semester examinations of the courses offered in Semester 9.

17) A Grade Point Average (GPA) shall be calculated for each examination (semester-GPA) based on the grades obtained for individual courses using the formula: GPA = $\Sigma ci\ gi\ /\ \Sigma ci$, where ci and gi are the number of credits and the grade point value for the i^{th} course unit, respectively.

18) In the case of a referred candidate where he/she shall not be awarded a grade higher than a 'C' for the respective course/s, its respective GPV based on a C grade will be used to calculate the GPA.

19) A cumulative-GPA will be calculated at the end of the Semester 10 examination. Awarding of classes shall be determined according to the cumulative-GPA, which shall be based on the cut off values prescribed by the University Grants Commission Circular No. 901 dated 25th November 2008 as given below.

First	Second Upper	Second Lower	Pass
3.70	3.30	3.00	2.00

20) A student shall not be eligible for a class if he/she takes more than five academic years to complete the study programme unless he/she is excused under Clause 8.

21) Notwithstanding the fact that he/she may be otherwise eligible, a student shall not be permitted to sit any further examinations if ten (10) academic years have passed since his/ her registration as a veterinary student; or if the Faculty Board has determined that he/she has insufficient time to complete the B.V.Sc. degree within ten (10) academic years from his/her date of first registration. However, under exceptional circumstances, an appeal for extension of this period may be considered by the Faculty Board. Recommendations of the Faculty Board in this regard shall be sent to the Senate for approval.

22) A student shall be awarded the Degree of Bachelor of Veterinary Science, if he/she has:

A. been registered as a veterinary undergraduate student of the University for a period not less than five academic years (ten semesters),
B. completed to the satisfaction of the Vice Chancellor, the course of study as prescribed in the curriculum governed by the rules and regulations made thereunder,
C. successfully passed all prescribed courses of the study programme,
D. paid such fees or other dues as prescribed by the University,
E. fulfilled all other conditions or requirements as prescribed by the University, and
F. completed the Bachelor of Veterinary Science study programme within ten (10) academic years from the date of registration as an undergraduate.

23) The effective date of the B.V.Sc. degree shall be the date of successful completion of the final examinations for semester ten or completion of all requirements of the B.V.Sc. degree.

24) The overall order of merit at the successful completion of the B.V.Sc. degree for each batch of students shall be based on the cumulative GPA (refer clause 18) obtained by each student.

25) Prizes and medals will be awarded on the basis of endowments made and are governed by the condition of the endowment. Prizes, medals and all academic honours are awarded only to those completing an examination in the first attempt, sitting for all components of all courses of the respective examination in one and the same sitting. Examiners should submit the marks of end-semester examinations with two decimal points for the purpose of determining academic honours.

8 Admission related information

8.1 Registration

8.1.1 New students shall be registered by the University of Peradeniya at a date determined by the Faculty upon the receipt of the UGC list of selected students.

8.1.2 The stipulated time period and maximum time period to complete a degree shall commence from the date of registration

8.1.3 It is mandatory for all fulltime students of the University to register for their academic programs and attend regularly to the prescribed work of their academic program without discontinuity, to the satisfaction of the Dean of the Faculty, barring compelling circumstances**.**

8.1.4 All registered students are required to renew their registration within the first two weeks of each academic year**.** The procedure is given below.

8.1.4.1. The Office of the Dean announces the dates for the registration in the Faculty Website and student noticeboards and the students should register using the form available at the Office of the Dean.

8.1.4.2. The registration fee should be deposited to the bank account in the paying voucher issued by the Bank or Student Services Division at the Senate building**.** Registration fees are as follows;

Renewal fee	= Rs. 400.00
Sports Facilities Fee	= Rs. 200.00
Peradeniya Students Union.	= Rs. 50.00
Arts Council	= Rs. 120.00
Hall Facilities	= Rs. 30.00
Medical Fee	= Rs. 200.00
Total	= Rs. 1000.00

8.1.4.3. Duly completed forms together with the receipt of payment should be handed over to the Students Services Division of the Office of the Dean at the time of registration. (Relevant forms can be downloaded from the Faculty Website).

8.1.5 The students are required to submit their record books along with the registration renewal forms and receipt of payments when registration is renewed in the following academic year.

8.1.6 If a student fails to renew his/her registration, he/she should make a written request to the Dean of the Faculty for permission for late registration by giving reason/s for

not renewing the registration on time. The Dean reserves the right to accept or reject the reason/s stated.

8.1.7 Whenever a registered student fails or is unable to attend an academic programme for an unspecified period of time, the student or his/her parent/guardian should inform the Dean of the Faculty immediately when such inability is recognized. However, within 2 weeks of such notice, the student should ensure to send a written communiqué to this effect to the Dean or the Assistant Registrar of the Faculty.

8.2 Deferments

8.2.1 Deferments are considered only if the student is registered for the degree programme and has not taken any examination.

8.2.2 If any student wishes to get his/her registration deferred at the time of registration, he/she should;

I. register with the University of Peradeniya.
II. register for the academic programme.
III. make a written request to the Dean of the Faculty for a deferment (only requests with reason acceptable to the Faculty Board will be considered.)

8.2.3 Deferments can be granted

I. on medical grounds.
II. under foreign scholarships/training.
III. on any other acceptable reason.

8.2.4 When the deferment is granted,

I. the period of deferment shall not exceed one academic year except on approved medical grounds (medical certificates submitted should be acceptable by the chief medical officer of the university of Peradeniya).
II. the total period of deferment granted shall not exceed two academic years including the period granted on medical grounds.
III. the requests for such deferments should be recommended by the respective Faculty Board and approved by the Senate Admissions Committee.
IV. the periods of such deferments recommended by the respective Faculty Board and approved by the Senate Admissions Committee will be exempted from the stipulated time period specified for the degree programme
V. a student under this category shall be eligible for a class, medal, prize, scholarship or the Dean's List, if the degree is completed within the stipulated time period.
VI. the period of such leave shall be included for calculating the maximum time period to complete a degree.

8.2.5 The re-admission of a deferred student shall be subject to the availability of places in the Faculty at the time of re-admission.

8.3 Leave of Absence

8.3.1 Requests for leave of absence shall be considered only from the students who are currently following the academic programme and have sat for one or more examinations.

8.3.2 A student may request for leave of absence

I. on medical grounds.
II. to accept a foreign scholarship /training.
III. on any other acceptable reason.

8.3.3 The requests for leave of absence should be submitted in writing to the Dean of the Faculty with valid medical or any other relevant documents.

8.3.4 Such leave (except granted on any other acceptable reason) as recommended by the Faculty Board and approved by the Senate Admissions Committee will be excluded from the stipulated time period specified for the degree programme.

8.3.5 The period of leave of absence granted on any other acceptable reason shall be included for computing the stipulated time period to complete the degree programme.

8.3.6 Absence with a reason/s not acceptable to the Faculty Board may also be considered provided that the period of absence is not excluded from the stipulated time period specified for the degree programme

8.3.7 After obtaining leave of absence, the student Is still eligible to earn a Class, medal, prize, scholarship or the Dean's List, if he/she completes the degree within the stipulated time period.

8.4 Discontinuation of studentship

8.4.1 If a student is compelled to discontinue his course of study while pursuing his study at the University, such a student should notify the Dean of the Faculty and the Assistant Registrar within one month of such discontinuation and obtain permission of the Senate Admissions Committee to be away from the University**.**

8.4.2 Registered students who fail to do so will be considered to have abandoned their academic programs and their requests for re-admission will not be entertained.

8.5 Cancellation of studentship

8.5.1 If a student fails to have his/her registration renewed within the period specified by the Faculty at the beginning of each academic year, his/her studentship will be cancelled. When the registration of a student is cancelled, he/she will be informed of such cancellation in writing.

9 Scholarships, Prizes, Gold Medals and Special Recognition Awards

The following Scholarships, Prizes and Medals are available to undergraduate students reading for the BVSc degree. The Senate shall award them on the recommendation of the Board of Examiners for the First, Second, Third, and Final examinations in Veterinary Medicine and Animal Science. Please refer to FVMAS-Faculty of Veterinary Medicine & Animal Science for further details on the selection criteria for the following scholarships, prizes and medals.

9.1 Scholarships

9.1.1 Astron Veterinary Scholarship – Awarded to two fourth-year students who have obtained the overall highest aggregate Semester-GPA in Y1S1, Y1S2, Y2S1, Y2S2, Y3S1, and Y3S2, and have received a passing grade for all courses from Y1S1 to Y3S2 at the first available attempt.

9.1.2 The University Scholarship for best performance at the first Examination – Awarded to the student who obtained the highest aggregate Semester-GPA in Y1S1 and Y1S2.

9.2 Prizes

9.2.1 Professor. S.T. Fernando Memorial Prize for excellence in Veterinary Parasitology

9.2.2 Professor G. E. Kodithuwakku Prize for excellence in Veterinary Surgery

9.2.3 University Prize for Academic Excellence

9.3 Gold Medals

9.3.1 Professor V.K. Gunawardana Gold Medal for Excellence in Veterinary Anatomy

9.3.2 Dr. Ajantha Horadagoda Memorial Gold Medal for Excellence in Biochemistry

9.3.3 Proessor H.B.S. Ariyarathne Gold Medal for Excellence in Veterinary Physiology

9.3.4 Professor Sivalingam Mahalingam Gold Medal for Excellence in Veterinary Microbiology

9.3.5 Gold Medal for Excellence in Veterinary Pathology

9.3.6 Dr. and Mrs. M. P. Seneviratne Gold Medal for Excellence in Veterinary Parasitology

9.3.7 Dr. D. Seneviratne Gold Medal for Excellence in Veterinary Public Health

9.3.8 Professor S.T. Fernando Memorial Gold Medal for Excellence in Veterinary Medicine

9.3.9 Mrs. Anand Kumari Sikka Memorial Gold Medal for Excellence in Veterinary Reproduction & Obstetrics

9.3.10 Professor S.T. Fernando Memorial Gold Medal for Excellence in Veterinary Medicine & Animal Science

9.3.11 Dr. Arunachalam Chinniah Gold Medal for excellence in Veterinary Medicine & Animal Science

9.3.12 The Peradeniya University Gold medal, Faculty of Veterinary Medicine and Animal Science for excellence in scholastic and extra-mural excellence.

9.4 Special Recognition Awards

Dean's List: A student of any program in the faculty could be admitted to the Dean's list each semester if the student achieves a Semester GPA equal to 3.7 or more.

Faculty Awards: This prestigious award goes to students who excel in academic and extracurricular activities.

10 Bursaries and Scholarships

Bursaries and scholarships for students who need financial assistance

10.1 Mahapola Scholarships

Undergraduates of the faculty may apply for Mahapola Scholarships awarded by the Mahapola Higher Education Scholarship Trust Fund. The Mahapola Scholarships are based on two categories:

a) **Merit:** Based on the z-score obtained at the G.C.E. Advanced Level Examination.
b) **Need:** Based on annual income, z-score obtained at the G.C.E. Advanced Level Examination and the district from which the candidate obtained university admission.

Conditions of the Mahapola Higher Education Scholarship Trust Fund

The following requirements and conditions are applicable to be entitled for the Mahapola Scholarship and to receive Scholarship instalment payments on behalf of the said scholarship within the academic duration.

1. Scholarship instalments will be paid monthly as per the recommendation made by the university based on the progress made by the scholarship recipient on studies for which the scholarship was awarded.
    i. For university scholarships, scholarships will be paid subject to a maximum of 10 instalments per academic year.
    ii. The students should participate in the lectures, tutorial classes and practical classes prescribed for the course regularly, and the Dean of the faculty should certify and the Vice Chancellor of the University should approve that the students who are eligible for scholarships are eligible for the examinations to be held at the end of the first semester and send to the Mahapola Higher Education Scholarship Trust Fund. Accordingly, eligible students will be paid the instalments continuously for the next six months. In the absence of such certification, payment of scholarships is suspended on the recommendation of the University. The University should inform the Mahapola Higher Education Scholarship Trust Fund that the students are eligible for the second semester examinations to reactivate the scholarship payments.
    iii. Although a student is not eligible for the first semester examination, if the Dean of the faculty recommends that he or she is eligible for the second semester, payment of his or her suspended instalments will be taken into consideration.
    iv. The University recommends the names of scholarship recipients for paying the scholarship instalments, if it is not so recommended, it should be inquired from the University in that regard.
    v. After acceptance of this scholarship, the student is not permitted to receive any other scholarship or bursary connected with this same course of study or any other course of study. In case the students become eligible for another such scholarship he/ she will have the option either to retain the former scholarship only or to have the former scholarship cancelled and to receive the new scholarship. **In such cases, the student should notify this office immediately**.

2. The **Scholarship will be cancelled** in the situations mentioned below. Appeals submitted in this regard also will not be considered.

    i. Non-attendance to the course
    ii. Long-term absence in the course
    iii. Failure in annual examinations
    iv. Abandonment of the study course
    v. Class suspension due to disciplinary matters
    vi. Receiving punishments with regard to ragging
    vii. At an instance where the student has been punished after a disciplinary inquiry conducted by the university for offences on acts of misconduct, delinquency, or abuse, or when punished by a court for other offences
    viii. Receiving punishments for damaging university or public property
    ix. The reasons of engaging in a business, service, or employment for generating income will cause the discontinuance of the scholarship instalments and eligibility.

3. In the event of a student obtaining permission for postponement of his/ her studies due to unavoidable and uncontrollable circumstances, if he/ she wishes to receive this scholarship in the next relevant year, the student should obtain his/ her scholarship certificate at the scholarship awarding to be entitled for the scholarship, **even in such postponements**.
4. If the study course in the University is later changed, such a student is found eligible for a Mahapola Scholarship also under the new study course, based on the marks that the student has scored, a new scholarship will be awarded as per the recommendation of the University Grants Commission. In order to be eligible for that scholarship, it should be recommended by the university.
5. The decision of the Mahapola Higher Education Scholarship Trust Fund regarding scholarships, or scholarship instalments will be treated final.

10.2 University Bursaries

The University of Peradeniya will call for applications for University Bursaries. Selection is based on criteria approved by the University Grants Commission which is available online at: https://www.ugc.ac.lk/attachments/2042_Comm%20Circular%2011_2018.pdf

10.3 Bursaries awarded by the Faculty of Veterinary Medicine and Animal Science

There are several bursaries awarded directly by the faculty. Students may apply for these when they are advertised by the faculty. The bursaries available may change annually. The bursaries and the conditions for eligibility are given below. All applications will be screened by a Selection Committee appointed by the Faculty Board of the Faculty of Veterinary Medicine and Animal Science. The decision of Selection Committee will be final. For further details please contact the Student Services Division, Office of the Dean of the Faculty of Veterinary Medicine and Animal Science.

Professor Leslie Gunawardana Memorial Bursary

2. Bursary from the Faculty of Veterinary Medicine & Animal Science

3. Bursary from the Veterinary Alumni Association of Peradeniya (North America)

4. Bursary from the Veterinary Alumni Association of Peradeniya (72 Batch)

5. Bursary from the Veterinary Alumni Association of Peradeniya (Calgary University)

6. Bursary from the Veterinary Alumni Association of Peradeniya (Drs. Packianathan and Judy)

7. Bursaries from the Veterinary Alumni Association of Peradeniya (Oceania Chapter)

8. Bursary from the Veterinary Alumni Association of Peradeniya (United Kingdom)

9. Sri Jayawardanapura Animal Hospital Bursary

Conditions of the Bursaries awarded by the Faculty of Veterinary Medicine and Animal Science

The following conditions are applicable for all bursaries listed above:

1. If a student is found to have falsified details in the application, he/ she will be disqualified from consideration for a bursary. If he/ she has already received financial aid in part, it will be discontinued immediately and the student concerned will be barred from applying for future financial aid. Further, the student will have to fully reimburse funds already received under the bursary.
2. Students who have repeatedly been referred in examinations and as a consequence are in a different batch that that they were originally registered in, are disqualified from applying for a bursary. However, if a student has deferred their batch for a valid reason (e.g. medical condition), their application will be entertained.
3. Students who have received disciplinary action in the University are automatically disqualified from consideration for a bursary.
4. If a student who receives financial aid commits any act categorized as an offense under University Rules and Regulations, which calls for disciplinary action, the Bursary will be discontinued immediately and the student concerned will be barred from applying for future financial aid.

11 Legal Requirements for Practice

A veterinary graduate must be registered as a Veterinary Surgeon under the Veterinary Surgeons and Practitioners Act**.** No**.** 46 of 1956, before he**/**she can practice Veterinary Science in Sri Lanka**.** An application for registration, including a registration fee, should be made to the Registrar, Veterinary Council of Sri Lanka, immediately after graduation. Following the successful completion of a veterinary internship, coordinated by the Veterinary Council of Sri Lanka, graduates will then be eligible for registration as a Veterinary Surgeon under the Veterinary Council of Sri Lanka.

Qualifications for Registration

Veterinary graduates qualified from the University of Peradeniya and intend to apply to the Veterinary Council for registration as a veterinary surgeon shall submit the duly completed application form, two passport size photographs (6.0 cm X 4.0 cm) duly certified by a Justice of Peace (on the reverse) and the following original documents together with a photocopy of each such document to the Registrar of the Council:

a) Birth certificate of the applicant.
b) A character certificate issued by a senior academic staff member (Senior Lecturer and above) of the Faculty from which he/she graduated or from a person acceptable to the Council.
c) Degree / Provisional Degree certificate issued by the University.

On receipt of the above, the Council at its discretion shall provisionally register the applicant as a veterinary surgeon for a period of six months. During this period, the applicant shall undergo a six months' internship training conducted jointly by the Veterinary Council and the Department of Animal Production and Health. The Council shall, upon being satisfied that the applicant has successfully completed the internship and having applied to the Council for registration and paid the prescribed fee, register the applicant as a veterinary surgeon and issue a certificate to that effect.

12 Important University Facilities and Amenities

12.1 Library

The library facility of the University of Peradeniya consists of a library network comprising of the Main Library and seven other branch libraries, namely Agriculture, Science, Medical, Engineering, Vet Medicine, Allied Health Science, and Dental faculty libraries. The ninth library is attached to the Faculty of Agriculture in Mahailuppallama sub-campus. The Main Library is located between and adjacent to the Senate building and the main Arts building. The Peradeniya University Library Network is the oldest and the largest university library in Sri Lanka.

Contact Information:	Main Library Senate Building
Phone:	Counter I, Ground Floor: 081 239 2475
	Counter II, First Floor: 081 239 2480
	Short -Term Reference Counter: 081 239 2481
Web:	http://www.lib.pdn.ac.lk
Opening hours:	7.15 am to 6.30 pm (Weekdays)
	8.00 am to 4.15 pm (Saturdays)
	(Opening Hours may change during examination periods)

12.2 Health center

The University Health Service provides medical care to the university community of students, staff and the immediate family members of staff. The Health Centre, which has facilities for in-patient treatment, is opened for outpatient services from 8:00 AM to Noon and from 2:00 PM

to 3:30 PM on working days, and from 9:00 AM to 11:30 AM during weekends. An emergency service supported by two ambulances is available during all hours.

Students and members of the staff are required to register at the Health Centre by paying a small registration fee before seeking treatment. Patients who need specialized treatment are referred to consultant specialists of the Teaching Hospital at Peradeniya, the Kandy General Hospital, and the Peradeniya University Dental School. If necessary, the Health Centre's ambulances transport patients to these hospitals. Medical examinations of students and of new recruits to the staff are done at the Health Centre.

Among other services provided by the Health Centre are preventive health services, health education, and environmental health, which includes the monitoring of water and food supplies to the university. The services provided by the center include the following:

Out-Patient Department (OPD)
The OPD is open from 8.30 am to 12.30 pm and 2.30 pm to 4.30 pm during weekdays, and from 9.00 am to 11.00 am on weekends. However, emergency cases are attended to throughout the day and night.

24-hour treatment facility
Patients who need treatment are admitted to the male and female wards at any time of the day or night. Two isolation wards are available to treat students with infectious diseases (Mumps, Chicken Pox etc.). A well-equipped laboratory is available to carry out investigations required by the university medical officers.

Pharmacy
It issues medicines for the prescriptions by the university medical officers.

24-hour ambulance service
This service may be obtained at the request made through the warden, sub warden, dean or assistant registrar.

Immunizations
Immunization programs are carried out for Hepatitis B vaccine (for Dental, Allied Health and Medical students) and Anti Rabies and Tetanus toxoid vaccines are administered to Veterinary students when necessary. The H1N1 and the Rubella vaccines are given only when there is an epidemic under the guidance of the Epidemiologist.

Psychological Counseling
Stress, anxiety and various psychosomatic illnesses are not uncommon amongst the university community and the university medical officers have received specialized training in psychological counseling to help/treat members of the university community, on such conditions.

Preventive healthcare
This is given great emphasis. Public Health Inspectors and a work force of trained personnel provide these services under the supervision of the Chief Medical Officer (CMO). Their responsibilities include monitoring food hygiene, ensuring purity of drinking water,

maintenance of the university sewerage, garbage disposal, environmental sanitation and pest control.

Location:
At the furthest end of the road running alongside and behind the Sangamitta Hall of Residence.

Contact information:

Chief Medical Officer (Acting): Dr. (Mrs.) H.M.C.L. Herath
Phone: 081 238 8152, 081 239 2024
Office/Lab – 081 239 2028
Female Wards/Pharmacy – 081 239 2022/26
Opening Hours: 8.30 am - 4.30 pm including Saturdays (OPD)

12.3 Marshals' Unit

Marshals' Unit consists of a Chief Marshal and nine Marshals**.** The main function of the Marshals division is to maintain discipline of students by keeping vigilance on their activities and behavior at the Faculties, Centers, Gymnasium, Playground and Halls of residence under the direction of the Deputy Vice Chancellor**.**

Contact Information:

Office Counter	081 239 2423
Mr. W.A.A. Werahera (Chief Marshal)	0775 996 290/ 0710 705 689
Mr. R. Gajaweera (Deputy Chief Marshal)	0714 395 666
Mr. M. Abeywickrama (Marshal)	0718 314 604
Mr. S.M.C.S.B. Wanniarachchi (Marshal)	0718 293 887
Mr. D.M.R.S. Dasanayke (Marshal)	0714 472 843
Ms. S.M.D.N.K. Senevirathna (Lady Marshal)	0713 432 791
Mr. S. Satheeswaran (Marshal)	0774 332 333
S.P.L.P. Senanayaka (Marshal)	0766901577
K.G.S.L. Chandra (Marshal)	0714933380
R.M.J.J.B. Ranasinghe (Marshal)	0774778107

12.4 Security office

The Security office of the University of Peradeniya is a permanent service comprising of a Chief Security Officer, Deputy Chief Security Officer, Security Inspector, and Security Guards**.** The main duty of the security office is to provide security to the entire University Premises**.** Students may contact the security office or security guards in case of emergency and lodging complains**.**

Contact Information:

Security Officer	081 238 9182/ 081 239 2133
Chief Security Officer	081 239 2134
Deputy Chief Security Officer	081 239 2240
Opening Hours	Open 24 hours a day, 7 days a week

12.5 Information Technology Centre (IT Centre)

The Information Technology Centre (IT Centre) is located behind the WUS Building Complex, near the Gymnasium. It provides opportunities for undergraduates of the University to improve their ICT skills by offering part time and other regular training programs.

Services and Facilities**:**
Computer facilities with Internet access. Students need to register and obtain their account passwords prior to using the facilities in the center.

Contact Information:

Reception Counter	081 239 2909
Office	081 239 2070/2900/2906
Opening Hours	8.00 am to 5.00 pm

12.6 The Department of Physical Education / Gymnasium

The Department of Physical Education offers a range of services to students by providing facilities for both indoor and outdoor games**.** The location of the Department of Physical Education is near the Information Technology Centre**.**

Services and Facilities**:**
Indoor sport facilities, swimming pool, fitness center; organizes Faculty, University and Inter University level sports Tournaments.

Contact Information:	
Prof. Sivananthawerl	081 239 2164
Office	081 239 2162
Swimming Pool	081 239 2163
Opening Hours:	7.00 am to 8.00 pm Students may use the Gymnasium on Weekdays: 9.00 am-11.00 am and 4.00 pm-7.00 pm Saturdays: 3.00 pm-6. 00 pm

13 Clubs and Societies

Student activities both the faculty level and university level play a major role in student life at the University. Most student activities are organized through student societies. Some of these activities include seminars, workshops, fieldwork and exhibitions, held throughout the year. Some societies expect their members to pay a nominal membership fee either annually or monthly.

Cultural, Drama, Music and Recreational Societies

1. Arts Council
2. Sinhala Sangamaya
3. Sinhala Natya Mandalaya
4. Tamil Sangeetha Natya Sangam
5. Tamil Society
6. Soba Sansadaya
7. English Drama Society
8. Film Society
9. Gandarwa Sabhawa

The university comprises a multi-religious population of Buddhist, Catholic, Christian, Hindu and Islamic people. A Buddhist Temple, a Roman Catholic Church, a Christian Church, a Hindu Kovil and a Mosque are located within the university campus to ensure freedom and facilities to practice any religious faith within the university.

There are five registered religious societies in the university which organize religious activities. These societies are as follows:

1. Buddhist Brotherhood
2. Students Meditation Society (Sinhala Bhavana Samajaya)
3. Newman Society (For Roman Catholics)
4. Student Christian Movement
5. Hindu Society
6. University Muslim Majlis

Other Societies

1. Computer Society
2. Explorers' Club
3. Hanthana Conservation Society
4. Sports Council
5. Wildlife and Nature Photography Society

14 Places of importance in the vicinity

14.1 Royal Botanical Gardens

The Royal Botanical Gardens is a wonderful natural resource which is situated a few yards away from the university premises.

14.2 Embekka, Gadaladeniya and Lankathilaka shrines

These places of religious importance are situated in Pilimathalawa, a few kilometres away from the campus have immense historic value and reflect the rich cultural heritage of Sri Lanka.

15 Places of Worship on Campus and in Kandy

15.1 University Buddhist Viharaya

Situated in the renovated telephone exchange, this complex provides a place for students to practice mediation, observe *sil* on Poya days and participate in *Dhamma* discussions.

Contact Information:
Tel. 0812388975/ University Extension: 2111/2113

15.2 University Hindu Temple

The Hindu temple which is located at Lower Hanthana provides a place of worship for Hindu students.
Contact Information: Tel. 0812388139

15.3 University Mosque

With easy access from the university, it provides a place of worship for Muslim students. It also has a limited facility for accommodating students and guests.

15.4 University Christian Churches

A Christian Chapel (Chaplain 0812388294) and a Catholic Church (Chaplain: 0812388292) are located on the campus providing opportunities for prayer and fellowship.

15.5 Gatambe Viharaya

It is a place of Buddhist worship frequently visited by the students, especially on *Poya* days.

15.6 Dalada Maligawa (Temple of the Tooth)

The temple of sacred Tooth Relic of Lord Buddha is situated in the center of Kandy town, 5 km away from Peradeniya. The peaceful and calm environment of Dalada Maligawa creates unmatched serenity on the mind of any visitor.

16 Accommodation

The University of Peradeniya was originally planned as an entirely residential facility. Due to the increased intake of students in recent years, residential facilities could not be provided to all the students. However, a majority of students and a limited number of staff are provided residential facilities.

The University has 16 halls of residence for students and 4 Bhikku hostels. In addition, accommodation is available at the Agriculture sub-campus at Mahailluppallama (130 km north of Peradeniya) for first-year agriculture students following the practical classes. Part-time wardens from among the academic staff are appointed in charge of the organization and maintenance of discipline in the halls of residence. They are assisted by permanent wardens and part time academic sub-wardens. The halls of residence consist of study bedrooms which are shared by 2 or 3 students. An attempt is made to accommodate students of different faculties in the same halls of residence. A nominal fee is charged for the room and an additional fee per month is levied on students who use personal electrical appliances such as irons, radios etc. Meals are available in hall canteens where food is provided at prices fixed by the university.

Halls of Residence

Name of the Hall (Male)	Telephone
Arunachalam Hall	081 239 2122
Akbar-Nell Hall	081 239 2123
AQ 40 Hall	071 8086181
Bhikku Hostel-Lake house Hall	081 239 2033
Bhikku Hostel-Kehelpannala Hall	081 239 2031
Hindagala Hall	081 239 2089
James Peiris Hall	081 239 2125
Jayathilake Hall	081 239 2126
Lalith Athulathmudali Hall	0717114610

New Akbar Hall	081 239 2105
Mahailuppallama Boys Hostel	071 2142221
Marcus Fernando Hall	081 239 2128
Marrs Hall	081 239 2127
Sarasavi Uyana Hall	081 239 2188
Senaka Bibile Hall	081 3820780
Sir Ivor Jennings Hall	081 239 2130

Name of the Hall (Female)	**Telephone**
Ediriweera Sarachchandra & Gunapala Malalasekara Hall	0813820769
Hilda Obesekara Hall	081 239 2124
Mahailluppallama Girls Hostel	071 2142221
Mahakanda Hall	077 4717515
Ramanathan Hall	081 239 2129
Sangamitta Hall	081 239 2038
Sarasavi Madura Hall	076 3413555
Wijayawardhana Hall	081 239 2131

17 Food and other Commodities

University students can buy food at special rates within the University premises. Special rates apply to rice and curry and other food items prepared in university canteens. These prices are approximately 50**%** lower than the consumer prices in Sri Lanka. Each faculty and hall of residence has one or more canteens which cater to the needs of students. Commodities are available at the two university co-operative shops which are conveniently located on the Campus. These cater to the general needs of the entire University community. Dairy products and meat are available at special prices at the sales outlet of the Department of Animal Husbandry which is located opposite the Faculty of Veterinary Science. Students can also purchase variety of food items and day to day requirements from places such as **"**Hela Bojun**"** food stall located in front of the Faculty of Agriculture, Super Markets, Shopping complexes and sales outlets situated in close proximity to the University premises. The town of Peradeniya **(**1 km away**)** and the city of Kandy **(**5 km away**)** are the main shopping centers.

The following are the food outlets within the premises of the University. Residential students may also purchase their meals from the canteens in their Halls of Residence at subsidized rates.

Name	**Location**
Faculty Canteen	Close to the DFAPH of FVMAS
Veterinary Teaching Farm Sales outlet	Inside DFAPH premises of FVMAS
Hela Bojun food stall	In front of Faculty of Agriculture
Kiosk	Faculty of Agriculture
Milk Bar **(**Sarasavi Kiri Hala**)**	Faculty of Agriculture
World University Service (WUS) canteen	WUS Building
Milk Bar **(**Sarasavi Kiri Hala**)**	Behind the Kannangara building of the New Arts Theatre

Student Common Room

The Faculty of Veterinary Medicine and Animal Science has a Student common room with facilities for the daily use of Students. It is also the venue for many of the students' social gatherings.

Location: First Floor, Canteen Building
Opening Hours: 7.00 am to 7. 00 pm

Career Guidance Unit

Career Guidance Unit Provides advice to students on employment after graduation, organizes workshops and training sessions on skills development.

Location: Inside the WUS Building overlooking the WUS Canteen
Telephone: 081-2392013 (Office)
071-4965100 (Prof. M. D. K. De Silva – Director)

Post Office

The University has a small post office located in the premises of the Faculty of Arts. This office provides basic postal and telegraphic services between 8.00 am. and 4.00 pm during weekdays. The delivery of mail to the university, however, is undertaken by the Peradeniya Main Post Office on old Galaha Road. Residential students can receive their mail at their halls of residence. Mail is delivered from Monday to Saturday around 7.00 am.

Banking Facilities

The two state-owned banks, Bank of Ceylon and Peoples' Bank, have branches in the university. Both are housed in the ground floor of the Senate Building, adjoining the Faculty of Arts. Bank of Ceylon also has an ATM facility located in the premises.

The Student Centre

The Student Centre houses a bookshop, a cooperative sales outlet, and a hair dressing salon. Most grocery items are available in this cooperative sales outlet. There is a bigger cooperative shop with a wider variety of grocery and food items located in the eastern end of the campus on the way to Rajawatte. Many canteens in the halls of residence have items such as toiletry, stationery, tea, and milk powder.

Bookshop	WUS Building
Photocopy Centre	In the Faculty Library
Photocopy Centre	University Welfare Building
Photocopy Centre	WUS Building
Photocopy Centre	Near Food Science Department- Faculty of Agriculture
Post Office	WUS Building
Unisex Saloon	WUS Building
Unisex Tailor Shop	WUS Building
Laundry	Near to the Security Office, Ground Floor

Buddhist Temple	Above the Vice Chancellor's Lodge
Catholic Chaplaincy	Near Ramanadan Hall
NCC Church (Galpalliya)	Uda Peradeniya Road
Hindu Kovil	Uda Peradeniya Road
Muslim Mosque	Uda Peradeniya Road

18 Counselling and Psychological Support Unit (CaPSU)

The University maintains a student counseling and Phycological nSupport Unit (CaPSU) to assist students who require guidance pertaining to academic, social or personal matters. This service is used by many students and is completely confidential in nature.

This may be the first time you are away from home. It's natural to be worried when you are in an unfamiliar environment facing new experiences.

You are not alone! The on-campus counselling service established at the Health Centre has a dedicated phone line 070 1 343 444 to contact the counsellors. Students seeking help can use the phone line to talk in an emergency or make an appointment with the counsellors.Talking about your fears and anxieties will give relief.

Also student counsellor has been appointed by the FVMAS to address such concerns. The counselor may be contacted through the office of the Student Counsellor. The three academic staff members who are Senior Student Counsellors are also available to assist students.

19 Academic Mentors

An academic mentor will guide students throughout the undergraduate period to achieve their highest potential. They not only help students overcome any difficulties they face but also guide the high achievers to reach their goals. During the orientation period, a small group of students will be allocated to two academic staff members. The first academic member will be the mentor during the 1st, 2nd and 3rd academic years whereas the second academic member will mentor students during the 4th and 5th academic years of the degree program. Academic mentoring offers students the opportunity to discuss specific academic concerns with an academic staff member, at a personal and individual level. They may offer suggestions on strategies to improve academic performance or address other issues interfering with academic performance. This opportunity may be used not only to discuss academic performance but also to discuss any other problems encountered. Academic mentors will also direct students to relevant people who may provide further assistance. Students must meet the mentor at least once a semester.

20 Other important information for students

Each new student who joins the Faculty of Veterinary Medicine and Animal Science would come under the care of a mentor in the staff, to whom the student could request for any assistance. Students are required to find out the relevant mentor from the list displayed in the Faculty premises.

"Ragging**"** is totally banned and is illegal in the University. If a student is harassed by any student, the incident should be brought to the notice of the Dean, or Deputy Proctor or Student Counsellors, or any other academic staff member in the Faculty. New students do not have to obey the senior students or do anything against their wish. Please be informed that ragging is a punishable offence under the penal code and may result in imprisonment.

Student identity card and record books

- The Faculty issue an identity card and a record book for all registered students.
- The University identity card is issued by the student registration branch of the University.

In case of loss of the faculty identity card

- When an identity card is misplaced or lost, the bearer should inform the Dean of the Faculty through the relevant Head of the Department.
- The Department of Basic Veterinary Sciences will issue a new Identity card on the recommendation of the Dean.

In case of loss of the University identity card

- Forward a request letter describing the issue related to losing the Identity card to Dean through the relevant Head of the Department.
- Make a complaint at the nearest police station along with the studentship letter issued by the Dean and obtain a police report.
- Make a complaint to the University Security Division and obtain a report.
- Make a payment of Rs. 1000 to the University Shroff counter.
- Hand over student requests to obtain a new identity card to the student registration branch along with the above reports, studentship letter, and paying voucher.

In case of loss of the Student Record Book

- Forward a request letter to the Dean through the relevant Head of the Department.
- Make a complaint to the nearest police station along with the studentship letter issued by the Dean of the Faculty.
- Make a complaint to the University Security Division.
- Pay the stipulated cost of the Student Record by the Faculty to the Shroff Counter
- Hand over all of the above reports along with the paying voucher to the Faculty Student Services Branch.

Student Requests

- Students are allowed to make inquiries, complaints or any other requests that directly affect their student life at the University to the Dean of the Faculty.
- Student shall forward their requests through Student Counsellors or Mentors and relevant Head of the Department to the Dean of the Faculty.

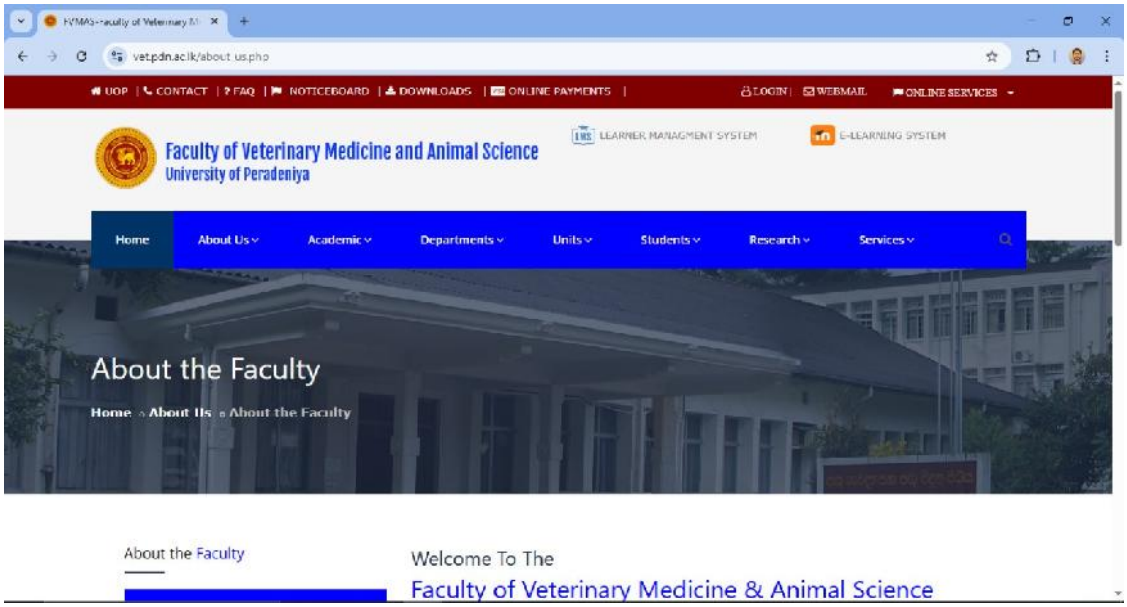
21 Veterinary Students' Oath

"As a Veterinary student, I promise to pursue my education diligently to develop my scientific knowledge and skills for the benefit of the society through the protection of animal health, the relief of pain and suffering, the conservation of animal resources, the promotion of public Health, and the advancement of Veterinary medical knowledge.

I will conduct myself with dignity and professionalism, in keeping with veterinary medical ethics. I will learn to practice veterinary medicine as a profession- and not as a trade. I promise to put the interest of the patients under my care before my own, to treat with empathy, compassion and respect.

I will always maintain proper etiquette, be punctual, respect staff and co-workers and follow the rules and regulations of the University. I will always lend a hand to those in need, will tolerate views of others and maintain a healthy learning atmosphere within the Faculty.I will continue- to improve my professional knowledge and competence and will always strive to be worthy of the privilege of being a doctor."

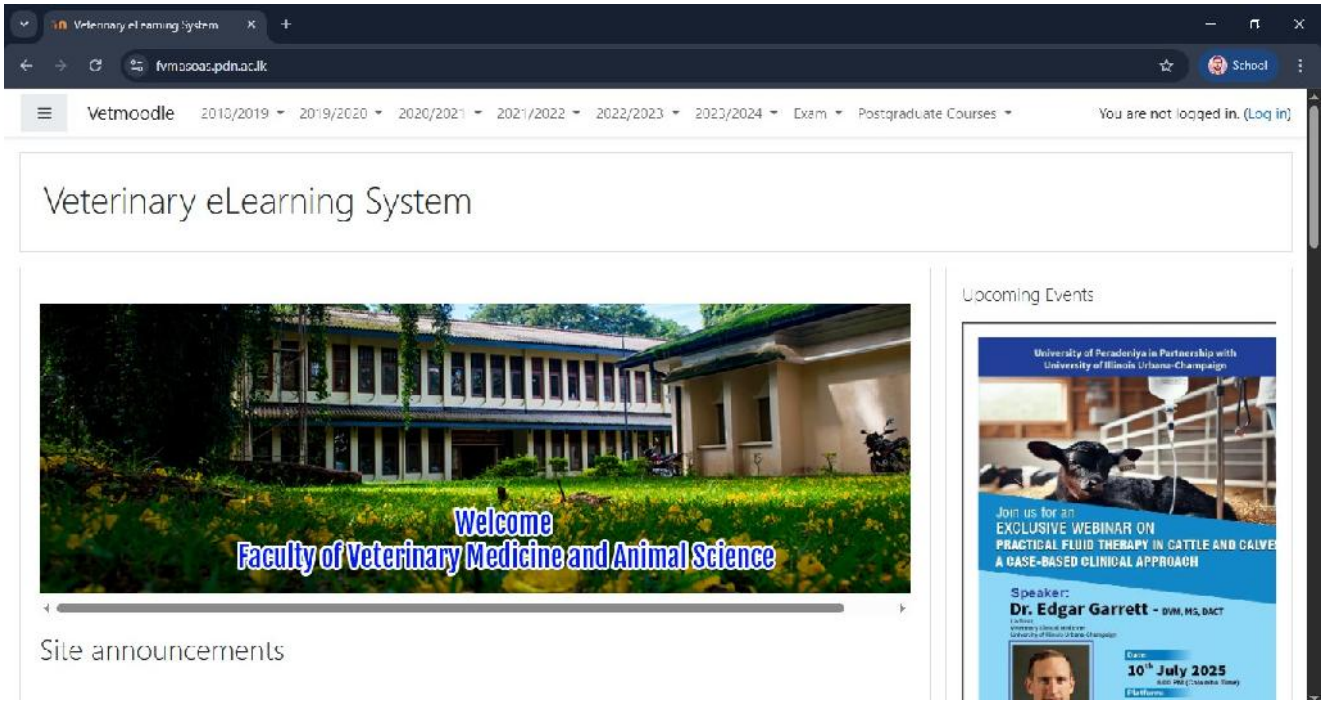
22 Faculty Website



Web Address: http://vet.pdn.ac.lk/

23 Faculty e- Learning System - Moodle

How to access:
Click on e-learning on the faculty website homepage or type fvmasoas.pdn.ac.lk



24 THE UNIVERSITIES ACT NO.16 OF 1978

By **–** laws made by the Council of the University of Peradeniya under section 29**(**n**)** read with Section 135**(**1**) (**d**)** of the Universities Act N**.**16 of 1978

BY-LAWS

PART 1 – GENERAL

1. These By – laws may be cited in the "By – laws No. 01 of 1996, relating to Students Discipline" and shall come into operation on 26th October 1996. These By – laws supersede any other By – laws or Regulation that may have been issued to students earlier.
2. Notwithstanding anything to the contrary in any of the provisions of these By – laws, the Vice-chancellor shall take appropriate action he deems necessary to maintain discipline at the university and nothing in these By-laws shall be conferred in a manner to detract from the powers, duties and functions conferred or imposed upon the vice-Chancellor by the Universities Act No.16 of 1978 [hereinafter referred to as the "Act"] or by any other Instrument.
3.
    i) Upon the coming into operation of these By-laws, there shall be established a Board of Discipline [hereinafter referred to as the "Board"] constituted as provided in Sub-paragraph
    ii) The Board of Discipline shall consist of the following Members, who shall hold office for a period of 03 (three) years with effect from the date of appointment.
        a) The Dean of each Faculty.
        b) A Proctor, if any, or a Deputy Proctor nominated by the Proctor.
        c) Two Wardens nominated by Vice-Chancellor.
        d) Two members of the Council nominated by the Council, from among its appointed members.
        e) Two Senior Students Counselors nominated by the Vice-Chancellor.
    iii) The Registrar or his nominee shall be the ex-office Secretary of the Board.
    iv) The Chairman of the Board shall be elected by the members from among the Dean and he shall preside at all meeting of the Board. If the Chairman is unable to reside at a meeting the members shall elect any Dean to preside at such meeting.
    v) The Chairman shall hold office for a period of one year reckoned from the date of his election so long as he retains the status of membership by virtue of which he was eligible for re-election.
    vi) The quorum for the meeting of the Board shall be seven members.
4. Subject to the provisions of the Act, and of any other appropriate instrument, the Board shall have the following powers, duties and functions.

i) To regulate and determine all matters concerning the maintenance of student's discipline within the University;

ii) To make Rules pertaining to student discipline within the University;

iii) To hold inquiries or cause inquiries to be held pertaining to allegations of indiscipline or misconduct on the part of any student or students of the University;

iv) The Vice-Chancellor may appoint a Committee of Inquiry to inquire into an incident where he thinks it appropriate in the circumstances and the Board of Discipline shall consider such reports made by such committee and recommend appropriate action.

v) To impose appropriate penalties or punishments, on may student or students who have been found guilty of any acts of indiscipline or misconduct or who have been found guilty of an offence under these By-laws or, of acting in contravention of the provisions of these By-laws or the Rules made by the Board;

vi) To do such other acts incidental to the powers aforesaid, as may be required in order to further the objectives of these By-laws.

PART II

1. Without prejudice to the generality of the powers duties and functions conferred upon or imposed in the Council by the Act or any other Instrument, the Council shall be responsible for the administration and implementation of these By-laws.
2.
   i) These By-laws shall apply to every Registered Student of the University of Peradeniya [hereinafter referred to as the "University"]

   ii)

      a) For the purpose of these By-laws "Registered Student of the University who had already been duly admitted and registered at the University, for any academic year or any student who is duly admitted and registered from time to time in respect of any academic year, or other period of study.

      b) "Academic Year" for the purpose of these By-laws shall be construed to mean the academic year as decided by the Senate from time to time.

   iii)

      a) Every student of the University shall be of good behavior and shall at all times conduct himself in an orderly manner befitting the status of an undergraduate or graduate student.

      b) Students of the University shall at all times Endeavour to safeguard the dignity, good name and reputation of the University.

3. Students are admitted and registered as undergraduates or graduate students of the University, subject to their good behavior and the observance of strict discipline.
4. Each and every student duly registered as a student of the University, shall be issued with a copy of these By-laws, the provisions of which will be binding on him in conformity with

the declaration made by him in terms of Section 17(b) of the application for University admission submitted by him to the University Grants Commission.

5. Upon the receipt of an application on the prescribed from for registration as a student of the University together with such other officer as may be nominated by him for this purpose shall register such students and shall issue to the student so registered an Identity Card and a Student's Record Book bearing the photograph of the student concerned duly embossed with the seal of the University which shall be final and conclusive evidence particulars stated therein.
6. Every registered student of the University shall have in his possession either such Identity Card or Student's Record Book which he shall produce when called upon to do by a member of the academic staff or by any officer authorized by the Vice-Chancellor or Registrar for this purpose.
7. If any registered student shall fail to produce or willfully refuses to produce or neglects to produce such Identity Card or student's Record Book when called upon to do so by an authorized officer of the University, such student shall be deemed to be guilty of an offence punishable under these By-laws.
8. In the event of the failure or the refusal to produce such identity Card or Student's Record Book to a member of the academic staff or an authorized officer, such officer shall have the power to take such student to custody and to produce him before the Dean of the respective faculty or, warden of the respective Hall of Residence of such student if he claims to be residing in a Hall of Residence for identification. In the event of such students not being a resident of a hall of Residence, such student may be produced before the marshal/Chief Security Officer, who shall report him to the proctor for appropriate action.
9. The particulars stated in the Identity Card or Student's Record Book shall be deemed to contain prima facie evidence of the student and shall be in the manner prescribed in Schedule I of these By-laws.
10.
    i) The Dean of each Faculty of the University shall have full power and authority to exercise supervisory control over the discipline of all students within the Faculty.
    ii) The vice-chancellor may appoint a senior academic member as the Proctor of the University, and he shall act on behalf of the Vice-Chancellor in matters of student discipline within the University. The Vice-Chancellor may delegate any of his powers and duties regarding student discipline within the University to the Proctor.
    iii) The Vice-Chancellor may, in consultation with the Dean and the Proctor, appoint a member of the academic staff of each Faculty as the Deputy Proctor for such Faculty.
    iv) The Deputy Proctor may be appointed by the Vice-Chancellor in consultation with the Dean and the respective Faculty.
11. For the purpose of exercising the powers conferred upon the Dean by the preceding paragraph the Dean may issue from to time to time instructions as he deems necessary for the maintenance of discipline in such Faculty.
12. Where the Dean of a Faculty of the University is satisfied that there is a likelihood of the breakdown of the smooth functioning of his Faculty due to the disorderly behavior or

conduct on the part of a student or students the Dean may take immediate remedial measures with the assistance of the Proctor and his Deputies to prevent a breakdown of the functioning of the Faculty by-laws.

i) Reprimanding such student or students for disorderly behavior, or

ii) Suspension of such student or students from the University or from attending lectures/courses, etc., for a period not exceeding two weeks.

iii) Reprimanding to the Vice-Chancellor for action such behavior of a student or students where a Dean is of the option that the incident is of such nature that it requires the intervention of the University authorities for appropriate action under the By-laws of the University.

13. The Dean shall report to the Vice-Chancellor and the Proctor any disciplinary action taken by the Dean under these By-laws.

14. Upon the coming into operation of these By-laws the University shall have full power and authority to consider and assess the conduct of each student in determining the eligibility of such student for the conferment on him of the degree, diploma, certificate or other academic distinction.

15. Every registered student shall be bound to protect and safeguard the property of the University. “property” for this purpose includes buildings, libraries, lecture halls, furniture, equipment, and all other movable and immovable assets of the University.

16. If in the event of any student being found guilty of damaging or destroying or attempting to damage or destroy the property of the University, he shall be deemed to have committed an offence and shall be dealt with in accordance with the provisions of these By-laws.

17. Every student shall Endeavour to foster a corporate and community spirit of life and shall always respect the liberty, freedom and personality of fellow students.

18. No student shall engage in anti-social actions or in any action calculated to humiliate, ridicule, hurt or harass a fellow student, or any other person with the University or engage in any other anti-social conduct which may bring the University into disrepute.

19. No student shall incite provoke or aid and abet any other student in the commission of any of the acts specified herein before

20. Any student who acts in violation of paragraph 6(3)(a) & (b) and 21 to 24 of these By-laws shall be guilty of an offence punishable under the provisions of these By-laws.

21.

i) No meeting may be held within the University premises by any student or students, University Union or society or other association of students of the University except with the written approval of the Proctor. The Dean of the Faculty may permit the holding of a meeting of the Faculty students, Faculty Unit or Society where it is restricted to the Students of such Faculty.

ii) Where the approval of the Dean/Proctor, as the case may be, has been so granted subject to such terms and conditions relating to the venue and date of such meeting and its duration and any other matter as may be deemed to be necessary in the

circumstances, the meeting must be held in conformity with all such terms and conditions.

iii) Any student who summonses or causes the holding of a meeting other than in the manner prescribed in the foregoing paragraph or aids and abets any other person to summon or hold such meeting, shall be guilty of an offence and shall be liable for punishment, under the provisions of these By-laws.

a) Unless the prior written consent of the Vice-Chancellor has been obtained, no subscription or currency may be collected from among the students, staff of the University or the general public by any student or office-bearer of any union, society or association.

b) Provided, however, that the provision of this paragraph shall not apply to a subscription collected by a registered union, society or association in accordance with its Constitution or any By-laws made in terms of Section 115(2) of the Act.

22.

i) No notice, pamphlet, publication or printed material detrimental to the good name and discipline of the University, words or defamatory of any member of the staff or students of the University, may be published and/or distributed, circulated or exhibited in any hall of Residence, Lecture Hall/Room, Laboratory or on any other building or any other property standing on the premises of the University within its territorial boundaries.

ii) Provided, however, that the provision of this paragraph shall to notices, pamphlets, publications and printed material relating to the activities of any registered Student's Union, Society or other Association established and recognized under Section 115 of the Act and intended solely for the furthering of academic or social objectives.

iii) Provided that such material shall not be detrimental to the good name and discipline of the University, or any member of the staff or student of the University.

23. The Board of Discipline may for any breach of these By-laws or for any offence punishable under the provisions of these By-laws by any registered student, recommend to the Vice-Chancellor the imposing on him of any one or more of the following punishments.

i) A written warning or a severe reprimand.

ii) Suspension from the University.

iii) Withdrawal of residential facilities and accommodation.

iv) Withdrawal, cancellation or suspension of any financial benefits, assistance or award under the Mahapola Scholarship Scheme, any Bursary Scheme or Endowed Scholarship Scheme.

v) Disqualification from sitting any University Examination for a specific period.

vi) Suspension of the release of the result of any University Examination for a specific period.

vii) Expulsion from the University.

24.

i) The Board of Discipline or any Committee of inquiry appointed by the Board or the Vice-Chancellor for purposes set out in paragraph 4(iii) or 4(iv) shall have the power to summon any student of the University, to attend any Inquiry or to give evidence thereat and to direct any student to make a written statement concerning any matter pertaining to his conduct or behavior or to the conduct or behavior of any other student within the University.

ii) Such Committee of Inquiry shall conduct such inquiries in accordance with the rules of natural justice as far as possible.

iii) Before the commencement of such inquiry, every accused student shall be informed of the charge against him to be tried at the inquiry before him Committee of Inquiry.

iv) An accused student shall be allowed to be present either in person or with a representative of the Peradeniya Student's Union or the respective Faculty Student's Union, at the inquiry, and may also be allowed to suggest to the Chairman of the Committee of Inquiry any questions that may be put to any person who testifies before the Committee of Inquiry.

v) The Chairman of the Committee of Inquiry may at his discretion put to the witness such questions suggested by or on behalf of the accused student.

vi) Under exceptional circumstances the Chairman of the Committee of Inquiry may allow the witnesses to give evidence in camera.

25.

i) Upon the declaration of an order of closure of the University by the University authorities every student of the University shall be bound to act in accordance with this order and shall leave the University premises before the stipulated time specified in such order.

ii) Any student on who acts in contravention of the provisions of the foregoing paragraph shall be deemed to have committed an offense and shall be liable to be punished in accordance with the provisions of these By-Laws.

26.

i) Any student on whom a punishment has been imposed by the Vice-Chancellor on the recommendation of the Board of Discipline and who is aggrieved by the decision of the Board regarding the punishment mat, within a period of one month from the date of communication to him of such punishment or penalty, appeal against such punishment or penalty to the vice-Chancellor.

ii) Upon the receipt of an appeal, the Vice-Chancellor shall refer such appeal to an Appeals Committee appointed by him.

iii) The Appeals Committee, for the purposes of the above paragraph, shall consist of three persons of legal/academic eminence appointed by the Vice-Chancellor.

The Appeals Committee shall have the power to review the decision of the Board of Discipline regarding the punishments imposed and may either affirm, vary or set aside the decision regarding the punishment.

27.

i) It would be the duty of a Warden of a Hall of Residence to impose discipline among the students of the Hall of Residence and act in consultation with the Proctor regarding to student discipline in the Hall of Residence.

ii) A Warden of a Hall of Residence shall inquire into complaints of breach of discipline and take appropriate action by himself where the act of indiscipline is not of a serious nature and may impose any of the following punishments.

   a) Suspension from the Hall of Residence for period not exceeding two weeks.

   b) A written warning.

i) In every case in which a Warden acts under the above provisions, he shall submit a report to the Proctor and shall act in consultation with the Proctor. Where the Proctor is of the view that the breach of discipline is of such nature that it calls for his intervention, he may act in the manner laid down in these By-laws.

ii) Any student who is aggrieved by the punishment imposed by a Warden shall have the right to appeal to the Vice-Chancellor forthwith, and the Vice-Chancellor instruct the Proctor to the nature of the incident.

28.

i) The Dean of a faculty shall pose discipline among the students of the Faculty and shall act in consultation with the Proctor and Deputy Proctor of the Faculty regarding matters pertaining to student discipline in his faculty.

ii) The Dean of a Faculty shall inquire into complaints of breach of discipline and take appropriate action by himself where the act of indiscipline is of such a nature that it could be adequately dealt with by imposing any of the following punishments.

   a) Suspension from academic activities for a period not exceeding two weeks.

   b) A written warning

i) In every case in which Dean acts under the above provisions, he shall submit a report to the Proctor.

ii) Any student who is aggrieved by the punishments imposed by a Dean of a Faculty shall have the right to appeal to the Vice-Chancellor who may review the punishment and/or order the conduct of a formal inquiry where he considerers it desirable, depending on the nature of the incident.

29.

i) Subject to the provisions of the Universities Act and other Statutes of the University, the Proctor shall be the authority in-charge of the maintenance of discipline among the students of the University.

ii) In discharging the above duties, he shall act in consultation with the Vice-Chancellor and with the assistance of the Deputy Proctors.

iii) The Proctor shall inquire into complaints of breach of discipline in the University and take appropriate action.

iv) Where the incident of indiscipline is of such a nature that it can be adequately dealt with by the imposition of the following punishments, he may act by himself.

a) Suspension from the University for a Period not exceeding five weeks.

b) A written warning.

i) In every case in which the Proctor acts under these provisions, he shall submit a report to the Vice-Chancellor.

ii) Any student, who is aggrieved by the punishment imposed by the Procter, shall have the right to appeal to the Vice-Chancellor forthwith and the Vice-Chancellor may review the punishment and/or order a formal inquiry where he considers it desirable.

iii) In cases in which incidents of indiscipline are reported, the Proctor shall conduct a preliminary inquiry and submit his observations to the Vice-Chancellor for appropriate action under these By-laws.

30.

i) A Deputy Proctor of a Faculty shall assist the Dean of the Faculty to maintain and impose discipline among students of the Faulty and shall report to the Dean regarding such matters.

ii) A Deputy Proctor shall also assist the Proctor in the maintenance of discipline among the students of the University.

©©

Note that "He" denotes both sexes

25 Authorities and Associations Related to the Veterinary Profession

Veterinary Council of Sri Lanka

The Veterinary Council of Sri Lanka (VCSL) is established under the Veterinary Surgeons and Practitioners Act No:46 of 1956 that regulates the practice of veterinary medicine and surgery in Sri Lanka. Only veterinary practitioners registered with the Sri Lanka Veterinary Council are legally authorized to engage in veterinary practice in Sri Lanka.

More Information: https://www.slvetcouncil.org/

Sri Lanka Veterinary Association

The Sri Lanka Veterinary Association (SLVA) is the professional body serving and representing the interests of the veterinary profession in Sri Lanka. The association is committed to excellence within the profession and work towards the enhancement of the quality of the profession and to the well-being of animals. It promotes public awareness of the contribution of animals and veterinarians to the Sri Lankan society. The SLVA looks forward to serving veterinarians of Sri Lanka for years to come.

More Information: http://www.slva.org/

Veterinary Alumni Association of Peradeniya

The Veterinary Alumni Association of Peradeniya (VAAP) was founded with the objective of encouraging, fostering and promoting a close relationship between the Veterinary Faculty and its alumni, and also among the alumni themselves.

More Information: www.vaap.lk

Sri Lanka College of Veterinary Surgeons

Sri Lanka College of Veterinary Surgeons (SLCVS) was established with the intention of promoting continuous professional development among veterinarians. Currently, there are more than 250 members and fellows in the Sri Lanka College of Veterinary Surgeons.

More Information: http://www.slvetcollege.org/

Edited by

English Language Teaching Unit (ELTU) – FVMAS

Cover Page – Ganganath Harischandra

www.vet.pdn.ac.lk

Faculty of Veterinary Medicine & Animal Science
University of Peradeniya,
Peradeniya, 20400

+94 812385700