



Office of the Board Secretary

LEYTE STATE UNIVERSITY
Visca, Baybay, Leyte 6521 A
Philippines

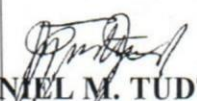
**EXCERPTS OF APPROVED MINUTES OF THE
11th LSU Board of Regents Meeting
18 June 2003 * NEDA RO8
Government Center, Palo, Leyte**

**Proposed Revision of the Straight
Six-Year DVM Curriculum**

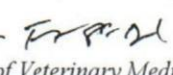
BOR Resolution No. 51, s. 2003

**Approving the revision of the Straight Six-Year Veterinary
Medicine Program, as presented.**

Certified True and Correct


DANIEL M. TUDTUD JR.
Board Secretary

Board Action: **APPROVED**
Date: 18 June 2003
Attachment: M

Cc: OVPAA- 
College of Veterinary Medicine
University Registrar 

8/21/03



LEYTE STATE UNIVERSITY

Visca, Baybay, Leyte 6521
Philippines

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Office of the President

18 June 2003

**The Honorable Chairman and
Members of the LSU Board of Regents**

Ladies/Gentlemen:

I am hereby endorsing the "**Proposed Revision of Straight Six-Year DVM Curriculum**" which was prepared by the College of Veterinary Medicine. This proposal was presented to and approved by the University Academic Council during its 09 June 2003 meeting. The University Academic Council has endorsed the proposal for approval by the Board of Regents.

I am, therefore, recommending the same **FOR APPROVAL** by the Board of Regents.

Very truly yours,

PACIENCIA P. MILAN
President

BOARD ACTION: _____
DATE : 18 June 2003

*Quin + DVM look into
BAS-AAH to DVM*



COLLEGE OF VETERINARY MEDICINE
Leyte State University

Visca, Baybay, 6521-A Leyte
Tel. #: (053) 653 - 7071

Office of the dean

June 11, 2003

Prof. DANIEL M. TUdTUD, JR.

University Secretary
Visca, Baybay, Leyte

Dear Prof. Tuditud:

Respectfully submitting to your good office the eleven (11) copies of Proposed Revision of Straight Six (6) year DVM Curriculum.

The said curriculum was approved by the University Academic Council during its meeting on June 9, 2003 at the Center for Continuing Education (CCE) building.

Thank you.

Very truly yours,

for [signature] 6/11/03
TOMAS J. FERNANDEZ, JR.
College Dean

PROPOSED REVISION OF STRAIGHT SIX-YEAR DVM CURRICULUM

Rationale

The straight six-year veterinary curriculum had undergone revision which was then approved by the ViSCA Board of Trustees in its special meeting on January 20, 2001 at ViSCA Guest House, ViSCA Baybay, Leyte, per Board Resolution No. 15, s. 2001. Such revision was effected to satisfy the requirements of Professional Regulation Commission (PRC) and to prepare for the Technical Panel for Agricultural Education (TPAE) accreditation. However, with the inclusion of the CHED mandated courses and the compliance of the minimum unit requirements of some veterinary courses, it is imperative that the curriculum be revised again. Likewise, some of the unit-credits of some courses in the professional veterinary medicine are increased from 3 to 4 units while others are reduced. This is to satisfy the minimum number of units required for a particular veterinary field by TPAE-Veterinary Medicine.

I. Graduate Profile

A. Cognitive

1. Explain clearly the concepts, principles and practices of veterinary science
2. Evaluate animal production and veterinary development plans compatible with specific situation
3. Acquire knowledge on advanced methods and/or approaches in veterinary medicine relevant to accelerated animal production
4. Analyze and evaluate critically vital issues related to animal welfare and health, and public health

B. Psychomotor

1. Use and integrate innovative technologies and/or strategies for more effective animal health management practices and animal production
2. Operate and manage efficiently small and commercial livestock enterprise and veterinary clinics using concept in animal veterinary medicine and animal management
3. Prepare feasibility studies in livestock enterprises for increased profitability
4. Assist in the implementation of laws related to public health and animal welfare

C. Affective

1. Desire to keep abreast with advances in veterinary science especially on new emerging diseases
2. Show initiative and resourcefulness in solving problems to increase efficiency in animal production
3. Develop genuine appreciation on the importance of veterinary medicine in animal industry
4. Cultivate a positive attitude towards animal welfare and care, and concern in the welfare of the consuming public

cc: University Registrar - 9/15/05
(and copy) by Renate Meala

1 II. Target Clientele

- 2
3 1. High School graduates
4
5 2. Graduates of any baccalaureate degree program who passed National Veterinary
6 Admission Test (NVAT)
7
8

9 III. Change in Course Nomenclature, Numbering, Prerequisite, Description and Credit Units

10 A. Change in Course Nomenclature, Numbering and/or Prerequisite

- 11
12
13 1. From
14 VM 104 Veterinary Anatomy II – Comparative gross anatomy of
15 domestic animals (horse, ruminants, pig and fowl)

16
17 Prerequisite: VM 103 (Veterinary Anatomy I)
18 Credit: 4 units (2 lec/6 lab)
19

20 To
21 VMed 102 (Same description and number of credit units)
22 Prerequisite: VMed 101 (Veterinary Anatomy I)
23

- 24 2. From
25 VM 111 Histology – Morphology and structure of the cells, tissues and
26 organs of various domestic animals

27
28 Prerequisite: VM 101 (Embryology)
29 Credit: 4 units (2 lec/6 lab)
30

31 To
32 VMed 104 (Same description and number of credit units)
33 Prerequisite: VMed 103 (Embryology)
34

- 35 4. From
36 VM 126 Veterinary Microbiology II – Pathogenicity, epidemiology and
37 control of bacteria, fungi and rickettsia of veterinary importance

38 Prerequisite: VM 121 (Veterinary Microbiology I)
39 Credit: 3 units (1 lec/6 lab)
40

41 To
42 VMed 142 (Same description and number of credit units)
43 Prerequisite: VMed 141 (Veterinary Microbiology I)
44

- 45 5. From
46 VM 146 Immunology – Fundamentals of immunology and basic
47 laboratory techniques

48
49 Prerequisite: VM 126 (Veterinary Microbiology II)
50 Credit: 2 units (1 lec/3 lab)
51

52 To
53 VMed 144 (Same description and number of credit units)
54 Prerequisite: VMed 142 (Veterinary Microbiology II)
55

- 56 6. From
57 VM 125 General Pathology – Principles of veterinary pathology and
58 necropsy, histopathological diagnosis

59
60 Prerequisite: VM 111 (Histology)
61 Credit: 4 units (3 lec/3 lab)

1	To		
2	VMed 151	(Same description and number of credit units)	
3		Prerequisite: VMed 104 (Histology)	
4			
5	From		
6	VM 144	<u>Clinical Pathology</u> – Body fluids, secretions and excretions, their	
7		proper collection, interpretation of laboratory findings.	
8			
9		Prerequisite: VM 125 (General Pathology)	
10		Credit: 3 units (2 lec/3 lab)	
11			
12	To		
13	VMed 152	(Same description and number of credit units)	
14		Prerequisite: VMed 151 (General Pathology)	
15			
16	8 From		
17	VM 131	<u>Special Pathology</u> – Notifiable diseases of livestock and poultry	
18		diseases of fish and laboratory animals, and wildlife pathology.	
19			
20		Prerequisite: VM 129 (Systemic Pathology)	
21		Credit: 2 units (2 lec)	
22			
23	To		
24	VMed 155	(Same description and number of credit units)	
25		Prerequisite: VMed 153 (Systemic Pathology)	
26			
27	9 From		
28	VM 145	<u>Veterinary Pharmacology</u> – Pharmacodynamics, chemotherapy	
29		and toxicology of specific drugs.	
30			
31		Prerequisite: VM 141 (Elem. Pharmacology) or its equivalent	
32		Credit: 4 units (3 lec/3 lab)	
33			
34	To		
35	VMed 122	(Same description and number of credit units)	
36		Prerequisite: VMed 121 (Elem. Pharmacology) or its equivalent	
37			
38	10 From		
39	VM 151	<u>Surgery I</u> – Fundamentals of surgery	
40			
41		Prerequisite: AH 104 (Veterinary Anatomy II)	
42		Credit: 3 units (2 lec/3 lab)	
43			
44	To		
45	VMed 161	(Same description and number of credit units)	
46		Prerequisite: VMed 102 (Veterinary Anatomy II)	
47			
48	11 From		
49	VM 157	<u>Surgery III</u> – Surgery of large animals.	
50			
51		Prerequisite: VM 154 (Surgery II)	
52		Credit: 3 units (2 lec/3 lab)	
53			
54	To		
55	VMed 167	(Same description and number of credit units)	
56		Prerequisite: VMed 166 (Surgery II)	

- 12 From
VM 160 Veterinary Obstetrics – Pregnancy diagnosis diseases and
obstetrical operations.
- Prerequisite: VM 156 (Reproductive Physiology)
Credit: 3 units (1 lec/6 lab)
- To
VMed 164 (Same description and number of credit units)
Prerequisite: VMed 113 (Reproductive Physiology)
- 13 From
VM 134 Introduction to Veterinary Medicine – Principles of diagnosis,
treatment procedures.
- Prerequisite: VM 141 (Elementary Pharmacology)
Credit: 3 units (2 lec/3 lab)
- To
VMed 171 (Same description and number of credit units)
Prerequisite: VMed 121 (Elementary Pharmacology)
- 14 From
VM 166 Ruminant and Equine Medicine – Diseases of cattle, goats,
sheep, carabaos and horses pathogenesis, prevention,
control and treatment.
- Prerequisite: VM 129 (Systemic Pathology)
Credit: 4 units (4 lec)
- To
VMed 172 (Same description and number of credit units)
Prerequisite: VMed 153 (Systemic Pathology)
- 15 From
VM 167 Small Animal Medicine – Diseases of dogs and cats,
pathogenesis, prevention, control and treatment.
- Prerequisite: VM 129 (Systemic Pathology)
Credit: 4 units (4 lec)
- To
VMed 175 (Same description and number of credit units)
Prerequisite: VMed 153 (Systemic Pathology)
- 16 From
VM 171 Clinical Orientation I – Orientation of methods in clinical
examination and discussion of selected clinical cases.
- Prerequisite: VM 151 (Surgery-I)
Credit: 2 units (6 lab)
- To
VMed 182 (Same description and number of credit units)
Prerequisite: VMed 161 (Surgery I)
- 17 From
VM 101 Embryology – Developmental anatomy of domestic animals.
- Prerequisite: Zool. 21 (General Zoology)
Credit: 3 units (2 lec/3 lab)

	To		
	VMed 103	(Same description, prerequisite and number of credit units)	
18	From		
	VM 153	<u>Veterinary Virology</u> – Viruses of veterinary importance with emphasis on their pathogenicity, epidemiology and laboratory diagnosis	
		Prerequisite: COI	
		Credit: 3 units (2 lec/3 lab)	
	To		
	VMed 143	(Same description, prerequisite and number of credit units)	
19	From		
	VM 162	<u>Zoonosis</u> – Diseases transmissible between man and animals, epidemiology, control, and treatment	
		Prerequisite: PH 161 (Food Hygiene and Public Health)	
		Credit: 2 units (2 lec)	
	To		
	VMed 148	(Same description, prerequisite and number of credit units)	
20	From		
	VM 168	<u>Jurisprudence, Ethics and Economics</u> – Laws, ethics, business methods and economics of veterinary medicine	
		Prerequisite: COI	
		Credit: 2 units (2 lec)	
	To		
	VMed 179	(Same description, prerequisite and number of credit units)	
21	From		
	VM 198	<u>Research Planning & Manuscript Preparation</u> – Principles of scientific writing, selecting a research problem, preparing an outline and writing a manuscript.	
		Prerequisite: COI	
		Credit: 3 units (3 lec)	
	To		
	VMed 198	(Same description, prerequisite and number of credit units)	
22	From		
	VM 176	<u>Clinics III (Field Experience)</u> – Clinical Practice	
		Prerequisite: Completion of 6th year 1st sem subjects	
		Credit: 14 units (42 lab)	
	To		
	VMed 188	(Same description, prerequisite and number of credit units)	
23	From		
	VM 199	<u>Undergraduate Seminar</u>	
		Credit: 1 unit	
	To		
	VMed-199	(Same description and number of credit units)	

24 From VM-200 Undergraduate Thesis
Credit: 6 units

To VMed 200 (Same description and number of credit units)

Rationale:

The change in course numbering is to put in hierarchical order the offering of the courses (i.e. from basic (lower numbers) to advanced (higher numbers)). Group of courses are categorized according to the first 2 digits of LSU's 4-digit course numbering system and, again similar to the premise stated above, lower numbers in the second digit refers to the basic courses, with the succeeding incremental steps (of the second digit) corresponding to the degree of advancement of the courses concerned. For example, basic courses such as Anatomy (10*) and Physiology (11*) are lower in numbering than the more advanced courses such as Surgery (16*) or Medicine (17*). Within each category, courses are offered in ascending order (i.e. lower-numbered courses are offered ahead of or concurrent with higher-numbered courses). This system therefore categorizes the VMed subjects into the following groups:

- 10* Anatomy courses
- 11* Physiology courses
- 12* Pharmacology courses
- 13* Parasitology courses
- 14* Microbiology and related courses
- 15* Pathology courses
- 16* Surgery courses
- 17* Medicine courses
- 18* Clinics
- 19* Research methods and practicum
- 20* Field Practice/Thesis

* replaces the 3rd digit number of the course

With the change in nomenclature and numbering of courses, the prerequisite has also changed. Hence, the change in prerequisite

B. Change in Course Nomenclature, Numbering, Course Description and Credit Units

1 From VM 125 Epidemiology – Principles of epidemiology, the distribution dynamics of animal diseases in animal population, their treatment based on epidemiological data.

Prerequisite VM 126 (Vet. Microbiology II) or its equivalent
Credit: 3 units (2 lec/3 lab)

To VMed 145 Epidemiology – Principles of epidemiology, the distribution and dynamics of animal diseases in animal population.

Prerequisite VMed 142 (Veterinary Microbiology II)
Credit: 3 units (2 lec/3 lab)

Rationale:

The deletion of the phrase "their treatment based on epidemiological data" in VMed 145 (Epidemiology) is due to the fact that the course deals only with the "distribution and dynamics", but not on the treatment of these diseases which are discussed in medicine (VMed 17*) courses

- 2 From VM 169 Wildlife and Fish Medicine – Diseases of wildlife and fish, pathogenesis, prevention, control and treatment.
- Prerequisite: VM 129 (Systemic Pathology)
Credit: 2 units (2 lec)
- To VMed 177 Wildlife and Fish Medicine – Diseases of wildlife, fish, and laboratory animals, pathogenesis, prevention, control and treatment.
- Prerequisite: VMed 153 (Systemic Pathology)
Credit: 2 units (2 lec)

Rationale:

Diseases of laboratory animal is one topic in Veterinary Medicine that is required by TPAE-Veterinary Medicine. This is anchored on the idea that laboratory animals are becoming important components in research. Oftentimes the sustainability of research studies is not met because the laboratory animals are affected with diseases. Hence, it is imperative that the said topic be included in VMed 177(Wildlife and Fish Medicine).

- 3 From VM 172 Clinico-Pathological Conference – Presentation of Clinical cases by 6th year students.
- Prerequisite: VM 171 (Clinical Orientation I)
Credit: 2 units (2 lec)
- To VMed 187 Clinico-Pathological Conference – Presentation of clinical cases.
- Prerequisite: VM 171 (Clinical Orientation I)
Credit: 2 units (2 lec)

Rationale:

The phrase "by 6th year students" is deleted. Based on the hierarchical numbering of the subject, it is understood that VM 187 is taken by 6th year students.

C. Change in Course Nomenclature, Numbering and Credit-Units

- 1 From VM 103 Veterinary Anatomy I – Gross anatomy of the dog.
- Prerequisite: Zoology 21 (General Zoology)
Credit: 3 units (1 lec/6 lab)
- To VMed 101 Veterinary Anatomy I – Gross anatomy of the dog.
- Prerequisite: Zoology 21 (General Zoology)
Credit: 4 units (2 lec/6 lab)

2. From
VM 107 Animal Physiology I – Physiology of the cell as well as nervous, blood and cardiovascular systems.
- Prerequisite: Chemistry 31 (General Biochemistry)
Credit: 3 units (2 lec/3 lab)
- To
VMed 111 Animal Physiology I – Physiology of the cell as well as nervous, blood and cardiovascular systems.
- Prerequisite: Chemistry 31 (General Biochemistry)
Credit: 4 units (2 lec/6 lab)
3. From
VM 113 Animal Physiology II – Physiology of respiratory, digestive and urinary systems, body fluids.
- Prerequisite: VM 107 (Animal Physiology I)
Credit: 3 units (2 lec/3 lab)
- To
VMed 112 Animal Physiology II – Physiology of respiratory, digestive and urinary systems, body fluids.
- Prerequisite: VMed 111 (Animal Physiology I)
Credit: 4 units (2 lec/6 lab)
4. From
VM 121 Veterinary Microbiology I – Classification and general characteristics of microorganisms of veterinary importance.
- Prerequisite: Zoology 21 (General Zoology)
Credit: 3 units (1 lec/6 lab)
- To
VMed 141 Veterinary Microbiology I – Classification and general characteristics of microorganisms of veterinary importance.
- Prerequisite: Zoology 21 (General Zoology)
Credit: 4 units (2 lec/6 lab)
5. From
VM 127 Veterinary Entomology & Protozoology – Morphology, biology, pathogenicity, transmission and control of parasitic arthropods and protozoa of veterinary importance.
- Prerequisite: Zoology 21 (General Zoology)
Credit: 3 units (2 lec/3 lab)
- To
VMed 131 Veterinary Entomology & Protozoology – Morphology, biology, pathogenicity, transmission and control of parasitic arthropods and protozoa of veterinary importance.
- Prerequisite: Zoology 21 (General Zoology)
Credit: 4 units (2 lec/6 lab)

6. From
PH 161 Food Hygiene and Public Health – Principles and practices of meat, eggs, milk and fish hygiene in relation to public health, laws in food hygiene
- Prerequisite: VM 128 (Veterinary Helminthology)
Credit: 3 units (2 lec/3 lab)
- To
VMed 147 Food Hygiene and Public Health – Principles and practices of meat, eggs, milk and fish hygiene in relation to public health, laws in food hygiene
- Prerequisite: VMed 142 (Veterinary Helminthology)
Credit: 4 units (2 lec/6 lab)
7. From
VM 128 Veterinary Helminthology – Morphology, biology, pathogenicity, transmission and control of parasitic helminths of domestic animals
- Prerequisite: VM 127 (Vet Entomology & Protozoology)
Credit: 3 units (2 lec/3 lab)
- To
VMed 132 Veterinary Helminthology – Morphology, biology, pathogenicity, transmission and control of parasitic helminths of domestic animals.
- Prerequisite: VMed 131 (Vet Entomology & Protozoology)
Credit: 4 units (2 lec/6 lab)
8. From
VM 129 Systemic Pathology – Functional and morphological pathology of body systems.
- Prerequisite: VM 125 (General Pathology) or its equivalent
Credit: 3 units (2 lec/3 lab)
- To
VMed 153 Systemic Pathology – Functional and morphological pathology of body systems.
- Prerequisite: VMed 151 (General Pathology) or its equivalent
Credit: 4 units (2 lec/6 lab)
9. From
VM 141 Elementary Pharmacology – Principles of pharmacology and pharmacy, groups of drugs acting on the various body systems
- Prerequisite: AH 107 (Animal Physiology I)
Credit: 3 units (2 lec/3 lab)
- To
VMed 121 Elementary Pharmacology – Principles of pharmacology and pharmacy, groups of drugs acting on the various body systems.
- Prerequisite: VMed 111 (Animal Physiology I)
Credit: 4 units (2 lec/6 lab)

10. From
VM 154 Surgery II – Surgery of small animals

Prerequisite: VM 151 (Surgery I)
Credit: 3 units (1 lec/6 lab)
- To
VMed 166 Surgery II – Surgery of small animals

Prerequisite: VMed 161 (Surgery I)
Credit: 4 units (2 lec/6 lab)
11. From
VM 164 Poultry and Swine Medicine – Diseases of poultry and swine
 pathogenesis, prevention, control and treatment

Prerequisite: VM 129 (Systemic Pathology)
Credit: 3 units (3 lec)
- To
VMed 174 Poultry and Swine Medicine – Diseases of poultry and swine
 pathogenesis, prevention, control and treatment

Prerequisite: VMed 153 (Systemic Pathology)
Credit: 4 units (4 lec)
12. From
VM 173 Clinics I (Internship) – Internship in animal clinics or hospital and
 mobile clinics

Prerequisite: Completion of 5th year subjects
Credit: 8 units (24 lab)
- To
VMed 183 Clinics I (Internship) – Internship in animal clinic or hospital and
 mobile clinics

Prerequisite: Completion of 5th year subjects
Credit: 6 units (18 lab)
13. From
VM 156 Reproductive Physiology – Principles of reproductive
 physiology and endocrinology

Prerequisite: VM 113 (Animal Physiology II)
Credit: 4 units (2 lec/6 lab)
- To
VMed 113 Reproductive Physiology – Principles of reproductive
 physiology and endocrinology

Prerequisite: VMed 112 (Animal Physiology II)
Credit: 3 units (2 lec/3 lab)
14. From
VM 155 Radiology – Principles and operation of X-ray and fluoroscopic
 equipment, fundamentals of radiologic diagnosis

Prerequisite: COI
Credit: 3 units (1 lec/6 lab)

To
 VMed-163 Radiology – Principles and operation of x-ray and fluoroscopic equipment; fundamentals of radiologic diagnosis
 Prerequisite: COH
 Credit: 1 unit (3 lab)

Rationale:

The change in credit units is to satisfy the requirements for the number of units in a particular veterinary course as set by the TPAE.

D. Change in Course Nomenclature, Numbering, Description, Credit Units and prerequisite

From
 VM 175 Clinics II (Internship) – Continuation of VM 173 (Clinics I Internship)
 Prerequisite: VM 173
 Credit: 2 units (6 lab)

To
 VMed 185 Clinics II (Internship) – Internship in animal clinic or hospital and mobile clinics
 Prerequisite: VM 183
 Credit: 6 units (18 lab)

Rationale:

The increase in the number of credit units in some subjects (VMed 111 – Ani. Physio. I, VMed 112 – Ani. Physio. II, VM 141 – Veterinary Microbiology I, VMed 131 – Vet. Entom. & Proto., VMed 147 – Food Hyg. & Pub. Hlt., VM 142 – Vet. Helminthology, VMed 121 – Elem. Pharma., VMed 152 – Systemic Pathology, VMed 166 – Surgery II, VMed 174 – Poultry and Swine Medicine, and VM 174 – Clinics II (Internship) is to satisfy the minimum requirements set by the Technical Panel for Agricultural Education (TPAE) in Veterinary Medicine.

The reduction of the number of units of some courses is done to accommodate the increase in units of those subjects that do not meet the minimum number of units required by TPAE.

E. Cross Listing of Animal Science Courses

- 1 AS 22/Zoot 111 Principle of Animal Production – Fundamental of poultry and livestock production; management practices including breeding, selection, housing, nutrition, marketing and animal health
 Prerequisite: Zoology 11 (General Zoology)
 Credit: 3 units (2 lec/3lab)
- 2 AS 112/Zoot 112 Swine Production – Principles of swine production and management requirements of various classes and ages of swine; numbering and waste management
 Prerequisite: AS 22 (Principles of Animal Production)
 Credit: 3 units (2 lec/3lab)

- 3 AS 121/Zoot 121 Poultry Production and Management – Principle of poultry production and management requirement of poultry with emphasis on chick incubation and hatchery management

Prerequisite: AS 22 (Principles of Animal Production)
Credit: 3 units (2 lec/3 lab)

Rationale:

The adoption of Zootechnics or Zoot of animal husbandry subjects (courses 1-3) for veterinary students is in line with the standardization of all veterinary subjects as mandated by CHED and TPAE-Veterinary Medicine

- 4 Chem. 31a Biochemistry Laboratory – Qualitative and quantitative methods for determining biological molecules and their derivatives.

Prerequisite: Chem 21 (Gen. Chem. II)
Credit: 2 units (6 lab)

Rationale:

The minimum to satisfy the TPAE for biochemistry is 5 units. The number of units of the existing DVM curriculum is only 3, without a laboratory

IV. Inclusion of CHED Mandated and other Required Courses

- 1 SSci 15 Philippine History & Constitution – Political, socio-economic and cultural development of the Philippines, the new Philippine Constitution and other instituted laws

Credit: 3 units (3 lec)

- 2 SSci 16 Life & Works and Writings of Rizal – A study of the various phases of Rizal's life, his works, and writings with emphasis on the Noli Me Tangere and El Filibusterismo

Credit: 3 units (3 lec)

- 3 Fili 12 Panitikang Pilipino – Pahapyaw na kasaysayan at pagsusuri ng mga piling kathang Pilipino

Prerequisite: Fil. 11 (Sining ng Pakikipagtalastasan at Retorika)
Credit: 3 units (3 lec)

- 4 Engl 21 Introduction to Literature – Study on the short story, drama and poetry, their nature, form and elements

Prerequisite: Engl 12 (Comm. Skills II)
Credit: 3 units (3 lec)

- 5 CSsi 21 Introduction to Computers – Development of computers, components, of computer system, micro computerization, word processing, electronic spread sheet, electronic presentation, the internet

Prerequisite: None
Credit: 3 units (2 lec/3 lab)

Rationale:

Courses (1-5) are CHED mandated.

V. Institution of New Courses

- 1 Zoot 131 Ruminant and Equine Management – Principle of ruminant and horse production including methods of breeding and selection; marketing, biosecurity and waste disposal

Prerequisite: AS 22/Zoot 111 (Principles of Animal Production)
Credit: 3 units (2 lec/3 lab)

Rationale:

The course equips students with knowledge on the different aspects of ruminant and equine productions which are necessary in commercial scale production. Components of waste disposal and biosecurity are requisites to sustain ruminant and equine productions.

- 2 Zoot 144 Animal Nutrition and Feeding Management – Nutritive value of feed required for bodily functions of different classes of farm animals; formulation of ration and feedmill operation

Prerequisite: Chem 31 (General Biochem.)
Credit: 3 units (2 lec/3 lab)

Rationale:

The course introduces students to the role of nutrients in animal production. Included in this course are subject matters on feeding management and feedmill operation which are important components that would make animal production sustainable.

VI. Deletion of Courses

- 1 Bio 22 Principles of Genetics – Physical and chemical basis of heredity and variation, mechanisms of transmission and distribution of genetic material, concept of probability and statistical testing, arrangement, structure, change and function of genetic material, regulation of gene expression, introduction to quantitative population and human genetics

Prerequisite: Bio 11 (Gen. Biology)
Credit: 3 units (2 lec/3 lab)

Rationale:

The subject matter on genetics can be taken up in some zootechnic subjects such as AH 112/Zoot 112 (Swine production), AS 121/Zoot 121 (Poultry production and management) and Zoot 131 (Ruminant and equine management). Hence the course must be deleted since it will duplicate the Zootechnics subjects.

- 2 AS 21 Principles of Animal Science – Fundamentals of anatomy, physiology, nutrition and health

Prerequisite: Zoology 21 (General Zoology)
Credit: 3 units (2 lec/3 lab)

Rationale:

Most, if not all, of the subject matters in this course are taken up in higher veterinary subjects such as VMed 101 (Veterinary Anatomy I), VMed 102 (Veterinary Anatomy II), VMed 111 (Animal Physiology), VMed 112 (Animal Physiology II), Zoot 144 (Animal Nutrition), VMed 131 (Veterinary Microbiology I), VMed 133 (Veterinary Virology), VMed 141 (Veterinary Entomology & Protozoology), VMed 142 (Veterinary Helminthology) and VMed 171 (Introduction to Veterinary Medicine).

3. **Engl 15** **Advanced Grammar & Composition** – Analysis of the English language structure, mechanics and stylistic variations in composition writing
- Prerequisite: Engl II (Comm. Skills II)
Credit: 3 units (3 lec)
4. **Agro 21** **Fundamentals of Crop Production** – Principles and practices of field crops with analysis on cereals, legumes, root crops and other field crops
- Prerequisite: Bot. 11 (General Botany)
Credit: 3 units (2 lec/3 lab)
5. **AgExt 132** **Principles, Methods & Strategies in Extension** – Application of selected concepts, principles, methods and strategies in education that are commonly used in non-formal setting most especially the disadvantaged rural populations
- Prerequisite: AS 21
Credit: 3 units (2 lec/3 lab)
6. **Econ 21** **Farm Management** – Management, land utilization, farm labor, analysis of costs and returns, farm finance and marketing of agricultural products
- Prerequisite: Soc. Sci. 13 (Socio-Economic Systems) & Agron. 21 Fund. of Crop Production
Credit: 3 units (2 lec/3 lab)
7. **SS 22** **Fundamentals of Soil Science** – Genesis and classification, nature and properties, management and conservation of soils
- Prerequisite: Chem 11 (Gen. Chemistry I)
Credit: 3 units (2 lec/3 lab)

Rationale:

In order to accommodate the minimum units required by TPAE-Veterinary Medicine and the CHED mandated courses, some courses in the first two years of the veterinary medicine curriculum have to be trimmed down. Hence, courses 1-7 are deleted. English 11 and 12 are enough for veterinary students, the courses topic are covered in other courses.

8. **AS 141** **Feeds and Feeding** – Composition and use of feeds, formulation of rations, feeding practices, and feedmill operation
- Prerequisite: AS 22 (Prin. of Animal Production)
Credit: 3 units (2 lec/3 lab)
9. **AS 142** **Animal Nutrition** – Functions and metabolism of various nutrients, nutritive value required for maintenance, growth, reproduction, lactation and other bodily functions of farm animals
- Prerequisites: AS 141 (Feeds & Feeding) & Chem 31 (Biochemistry)
Credit: 3 units (2 lec/3 lab)

Rationale:

The subject matters of the above courses (8 & 9) are already covered in Zoot. 144 (Animal Nutrition and Feeding Management)

10. AS 151 Breeding Farm Animals – Genetics of livestock improvement, animal breeding and artificial insemination

Prerequisite: AS 22 (Principles of Animal Production)
Credit: 3 units (2 lec/3 lab)

Rationale:

The subject matters of this course are covered in every Zootechnics subject. Besides, to meet the minimum requirements for high veterinary subjects, some courses that are duplicating are deleted.

11. VM 105 Applied Anatomy – Anatomical parts as related to surgical landmarks

Prerequisite: VM 103 (Veterinary Anatomy I)
Credit: 2 units (6 lab)

Rationale:

This course is abolished to reduce the number of units in the veterinary curriculum. Besides, the topics covered in this course are taken up in other veterinary courses such as VMed 101 (Vet Anat. I and Vet Anat. II).

12. AS 136 Equine Production – Principles and practices of horse production

Prerequisite: AS 22 (Prin. of Animal Production)
Credit: 2 units (2 lec)

13. AS 131 Ruminant Production – Principles and practices of beef, chevron and mutton production

Prerequisite: AS 22 (Principles of Animal Production)
5 hrs/wk (2 lec/3 lab)
Credit: 3 units

Rationale:

The subject matters of courses numbers 12 and 13 are already incorporated in Zoot 131 (Ruminant and Equine Production).

VII. Analysis of Courses

EXISTING			PROPOSED		
A. General Education			A. General Education		
Biol. 11	General Biology	4	Biol 11	General Biology	4
Chem. 11	General Chemistry	4	Chem 11	General Chem.	4
Engl. 11	Communication Skills I	3	Engl11	Communication Skills I	3
Engl. 12	Communication Skills II	3	Engl 12	Communication Skills II	3
Math 11	College Algebra	3	Math 11	College Algebra	3
Math 22	Plane Trigonometry	3	Math 12	Plane Trigonometry	3
Phys. 11	General Physics	4	Phys 11	General Physics	4
Psyc. 11	General Psychology	3	Psyc 11	General Psychology	3
ScSc. 13	Socio Economic System	3	SSci 13	Socio Economic System	3
ScSc. 14	Philippine Social Problem Land Reform and Taxation	3	SSci 14	Philippine Social Problem Land Reform and Taxation	3
Pl 11	Phil. Hist. & Const. and Rizal	3	SSci 15	Phil. History & Constitution	3
Socio 11	General Sociology	3	SSci 16	Life & Works of Rizal	3
Philo 12	Contemporary Philo. Thoughts	3	Soci. 11	General Sociology	3
Zool 11	General Zoology	3	Philo 12	Contemporary Philo. Thoughts	3
Hum. 11	Intro to Humanities	3	Eng 21	Intro to Literature	3
Fil. 25	Sining ng Pakikipagtalastasan	3	Hum. 11	Intro to Humanities	3
Spch. 11	Speech Communication	3	Fil 11	Sining ng Pakikipagtalastasan at Retorika	3
			Spch 11	Speech Communication	3
			Fil 12	Panitikang Pilipino	3
B. Fundamentals			B. Fundamentals		
Chem. 21	General Chem. II	3	Chem 21	General Chem. II	3
Chem. 31	General Biochemistry (lec)	3	Chem 31	General Biochemistry (lec)	3
AS 21	Principle of Animal Science	3	Chem 31a	General Biochemistry (lab)	2
Bot. 21	General Botany	3	Bot 21	General Botany	3
Stat. 21	Elementary Statistics	3	Stat 21	Elementary Statistics	3
Bio 22	Prin. Of Genetics	3	CSci 21	Introduction to Computers	3
Engl. 15	Adv. Grammar Comp.	3	Zool 21	General Zoology	3
AgExt 132	Prin. Methods & Strategy in Ext.	3			
Econ. 21	Farm Management	3			
SS 22	Soil Science	3			
Agro. 21	Fundamental of Crop Production	3			
C. Major Courses			C. Major Courses		
1. Animal Science			1. Animal Science		
AS 22	Principle of Animal Production	3	Zoot 111/AS22	Animal Production	3
AS 121	Poultry Production and Mgt	3	Zoot	Poultry Management*	3
AS112	Swine Production and Mgt.	3	121/AS121		
AS 131	Ruminant Production	3	Zoot	Swine Management**	3
AS 136	Equine Production	2	112/AS112		
AS 142	Animal Nutrition	3	Zoot 131	Ruminant & Equine Mgt.	3
AS 141	Feeds and Feeding	3	Zoot 144	Ani. Nutri. & Feeding Mgt	3
AS 151	Breeding Farm Animal	3			
2. Veterinary Anatomy			2. Veterinary Anatomy		
VM 103	Veterinary Anatomy I	3	VMed 101	Veterinary Anatomy I	4
VM 104	Veterinary Anatomy II	4	VMed 102	Veterinary Anatomy II	4
VM 101	Embryology	3	VMed 103	Embryology	3
VM 111	Histology	4	VMed 104	Histology	4
VM 106	Applied Anatomy	2			
3. Veterinary Physiology			3. Veterinary Physiology		
VM 107	Animal Physiology I	3	VMed 111	Animal Physiology I	4
VM 113	Animal Physiology II	3	VMed 112	Animal Physiology II	4
VM 156	Reproductive Physiology	4	VMed 113	Reproductive Physiology	3

4. Veterinary Parasitology		
VM 127	Veterinary Entom & Proto.	
VM 128	Veterinary Helminthology	

5. Veterinary Pharmacology		
VM 141	Elementary Pharmacology	
VM 145	Veterinary Pharmacology	

6. Veterinary Pathology		
VM125	General Pathology	
VM 129	Systemic Pathology	
VM 144	Clinical Pathology	
VM 131	Special Pathology	

7. Veterinary Microbiology		
VM 121	Veterinary Microbiology I	
VM 126	Veterinary Microbiology II	
VM 133	Veterinary Virology	
VM 146	Veterinary Immunology	

8. Food Hygiene and Public Health		
VM 162	Zoonosis	
PHIL 161	Food Hygiene & Public Health	
VM 135	Epidemiology	

9. Medicine and Surgery		
VM 134	Introduction to Veterinary	
VM 166	Ruminant & Equine Medicine	
VM 164	Poultry and Swine Medicine	
VM 167	Small Animal Medicine	
VM 169	Wildlife & Fish Medicine	
VM 168	Jurisprudence Ethics & Econ	
VM 151	Surgery I	
VM 154	Surgery II	
VM 157	Surgery III	
VM 155	Radiology	
VM 160	Veterinary Obstetrics	

10. Clinics		
VM 171	Clin. Orient. I	
VM 173	Clinics I	
VM 175	Clinics II	
VM 172	Clin-Pathology Conference	
VM 176	Clinics III	

11. Thesis		
VM 198	Res. Planning & Manus. Prep	
VM 199	Undergraduate Seminar	
VM 200	Undergraduate Thesis	

12. Field Practice		
VM 200a	Field Practice	

TOTAL

4. Veterinary Parasitology		
VMed 131	Veterinary Entom. & Protozoology	
VMed 132	Veterinary Helminthology	

5. Veterinary Pharmacology		
VMed 121	Elem. Pharmacology	
VMed 122	Veterinary Pharmacology	

6. Veterinary Pathology		
VMed 151	General Pathology	
VMed 152	Clinical Pathology	
VMed 153	Systemic Pathology	
VMed 155	Special Pathology	

7. Veterinary Microbiology		
VMed 141	Veterinary Microbiology I	
VMed 142	Veterinary Microbiology II	
VMed 143	Veterinary Virology	
VMed 144	Veterinary Immunology	

*Cross-listed Fundamentals

**Cross-listed Major

8. Food Hygiene & Public Health		
VMed 148	Zoonosis	
VMed 147	Food Hygiene & Public Health	
VMed 145	Epidemiology	

9. Medicine and Surgery		
VMed 171	Introduction to Veterinary	
VMed 172	Ruminant & Equine Medicine	
VMed 174	Poultry and Swine Medicine	
VMed 175	Small Animal Medicine	
VMed 177	Wildlife & Fish Medicine	
VMed 179	Jurisprudence Ethics & Econ	
VMed 161	Surgery I	
VMed 166	Surgery II	
VMed 167	Surgery III	
VMed 163	Radiology	
VMed 164	Veterinary Obstetrics	

10. Clinics		
VMed 182	Clin. Orient. I	
VMed 183	Clinics I	
VMed 185	Clinics II	
VMed 187	Clin-Pathology Conference	
VMed 188	Clinics III	

11. Thesis		
VMed 198	Res. Planning & Manuscript Prep	
VMed 199	Undergraduate Seminar	
VMed 200	Undergraduate Thesis	

12. Field Practice		
VMed 195	Practicum	

TOTAL

VIII. Comparison of Existing and Proposed Course Schedules

FIRST YEAR

EXISTING					PROPOSED				
First Semester					First Semester				
Biol 11	General Biology	3	3	4	Biol 11	General Biology	3	3	4
Chem 11	General Chem.	3	3	4	Chem 11	General Chem.	3	3	4
Engl 11	Communication Skills I	3	0	3	Engl 11	Communication Skills I	3	0	3
Math 11	College Algebra	3	0	3	Math 11	College Algebra	3	0	3
Psyc 11	General Psychology	3	0	3	Psyc 11	General Psychology	3	0	3
ScSc 13	Socio-Economic System	3	0	3	SSci 13	Socio-Economic System	3	0	3
PE 11	Physical Fit. & Gymn.			(2)	PE 11	Physical Fit. & Gymn.			(2)
Euth 11	ROTC 11			(1/1.5)	NSTP 11				(2)
		18	6	20			18	6	20
Second Semester					Second Semester				
Bot 21	General Botany	2	3	3	Bot 21	General Botany	2	3	3
Engl 12	Communication Skills II	3	0	3	Engl 12	Communication Skills II	3	0	3
Philo 12	Contemporary Philosophical Thoughts	3	0	3	SSci 16	Life and Work of Rizal	3	0	3
Math 22	Plane Trigonometry	3	0	3	Math 12	Plane Trigonometry	3	0	3
ScSc 14	Phil. Soc. Problem Land Reform and Taxation	3	0	3	SSci 14	Phil. Soc. Problem Land Reform Taxation	3	0	3
Soc 11	General Sociology	3	0	3	Soci 11	General Sociology	3	0	3
Zool 11	General Zoology	2	3	3	Zool 11	General Zoology	2	3	3
PE 12	Recreational Games and Rhythmic Activities			(2)	PE 12	Recreational Games and Rhythmic Activities and Dance			(2)
Euth 12	ROTC 12			(1/1.5)	NSTP 12				(1/1.5)
		19	6	21			20	6	21

SECOND YEAR

First Semester					First Semester				
Agro 21	Fund. of Crop Prod.	2	3	3	SSci 15	Phil. History Constitution	3	0	3
AS 21	Prin. of Animal Science	2	3	3	Hum 11	Introduction to Humanities	3	0	3
Chem 21	General Chemistry II	2	3	3	Chem 21	General Chemistry II	2	3	3
Engl 15	Adv. Grammar & Comp.	3	0	3	Engl 21	Introduction to Literature	3	0	3
Fil 25	Sining ng pakikipagtatalsasan	3	0	3	CSci 21	Intro to Computers	2	3	3
Hum 13	Intro. to Humanities	3	0	3	Fil 11	Sining Pakikipagtatalsasan at Retorika	3	0	3
Spch 11	Speech Communication	3	0	3	Stat 21	Elementary Statistics	2	3	3
PE 13	Team Sports			(2)	PE 13	Team Sports			(2)
Euth 13	ROTC 13			(1/1.5)					
		18	9	21			17	9	21
Second Semester					Second Semester				
AgExt 13	Prin. Method and Stat in Extension	3	0	3	Spch 11	Speech Communication	3	0	3
AS 22	Prin. of Ani. Production	2	3	3	Zool 11	Animal Production & Mgt.	2	3	3
Econ 21	Farm Management	2	3	3	Philo 12	Contemporary Philosophical Thoughts	3	0	3
Chem 31	General Biochemistry	2	3	3	Chem 31	General Biochemistry (lec)	3	0	3
Phys 11	General Physics	3	3	4	Chem 31a	Biochemistry (lab)	0	6	2
SS 22	Fundamental of Soil Sci.	2	3	3	Phys 11	General Physics	3	3	4
Stat 21	Elementary Statistics	2	3	3	Fil 12	Panitikang Pilipino	3	0	3
PE 14	Individual-Dual Sports			(2)	PE 14	Individual-Dual Sports			(2)
Euth 14	ROTC 14			(1/1.5)					
		16	18	22			16	15	21

THIRD YEAR

First Semester

VM 103	Veterinary Anatomy I	1	6	3
VM 101	Embryology	2	3	3
VM 121	Veterinary Micro I	1	6	3
VM 127	Vet. Entom. & Proto	2	3	3
VM 107	Animal Physiology I	2	3	3
AS 121	Poultry Prod. & Mgt.	2	3	3
Bio 22	Prin. Of Genetics	2	3	3
		12	27	21

First Semester

VMed 101	Vet. Anatomy I	2	6	4
VMed 103	Embryology	2	3	3
VMed 141	Veterinary Micro I	2	6	4
VMed 131	Vet. Entomology & Proto	3	3	4
VMed 111	Animal Physiology I	2	6	4
		11	24	19

Second Semester

VM 126	Veterinary Micro II	1	6	3
VM 128	Vet. Helminthology	2	3	3
VM 104	Veterinary Anatomy II	2	6	4
AS 112	Swine Prod. & Mgt.	2	3	3
AS 151	Breeding Farm Ani	2	3	3
PI 11	Phil Hist. Const. & Rizal	3	0	3
		12	21	19

Second Semester

VMed 142	Veterinary Micro II	2	3	3
VMed 132	Vet. Helminthology	3	3	4
VMed 102	Veterinary Anatomy II	2	6	4
VMed 104	Histology	2	6	4
VMed 112	Veterinary Physiology II	2	6	4
		11	24	19

FOURTH YEAR

First Semester

AS 131	Ruminant Production	2	3	3
AS 141	Feeds and Feeding	2	3	3
PH 161	Food Hyg. & Pub. Hlth	2	3	3
VM 111	Histology	2	6	4
VM 113	Animal Physiology II	2	3	3
VM 141	Elem. Pharmacology	2	3	3
VM 200a	Field Practice			1
		12	21	20

First Semester

VMed 121	Elementary Pharmacology	2	6	4
VMed 143	Veterinary Virology	2	3	3
VMed 113	Reproductive Physiology	2	3	3
VMed 151	General Pathology	2	6	4
Zoot 121	Poultry Management	2	3	3
VMed 171	Introduction to Vet. Med	2	3	3
		12	24	20

Second Semester

VM 125	General Pathology	3	3	4
AS 142	Animal Nutrition	2	3	3
AS 136	Equine Production	3	0	2
VM 146	Immunology	1	3	2
VM 134	Intro to Vet. Med	2	3	3
VM 144	Clinico Pathological	2	3	3
VM 162	Zoonoses	2	0	2
VM 200a	Field Practice			1
		15	15	20

Second Semester

VMed 162	Clinical Pathology	2	6	4
Zoot 144	Ani. Nutri. & Feeding Mgt.	2	3	3
Zoot 131	Ruminant & Equine Mgt.	2	3	3
VMed 144	Immunology	2	0	2
VMed 122	Veterinary Pharmacology	2	6	4
VMed 198	Res. Plngg. & Manus. Prep	3	0	3
Zoot 142	Swine Management			3
		13	18	22

Summer

VMed 200a	Field Practice	0	12	4
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VMed 195	Practicum			3
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FIFTH YEAR

First Semester

VM 105	Applied Anatomy	0	6	2
VM 129	Systemic Path.	2	3	3
VM 153	Veterinary Virology	2	3	3
VM 135	Epidemiology	2	3	3
VM 198	Res. Planning and Manuscript Prep.	3	0	3
VM 155	Radiology	2	3	3
VM 151	Surgery I	2	3	3
		13	21	20

First Semester

VMed 172	Rumi. & Equine Med	4	0	4
VMed 161	Surgery I	2	3	3
VMed 163	Radiology	0	3	1
VMed 145	Epidemiology	2	3	3
VMed 147	Food Hygiene & PHH	2	6	4
VMed 153	Systemic Path.	2	3	3
		12	18	18

Second Semester

VM 156	Reproductive Physio	2	6	4
VM 154	Surgery II	1	6	3
VM 160	Vet. Obstetrics	1	6	3
VM 164	Poultry & Swine Med	3	0	3
VM 166	Rum. & Equine Med.	4	0	4
VM 171	Clinical Orientation I	0	6	2
VM 172	Clin. Path. Conference	1	0	1
VM 200	Undergraduate Thesis			1
		12	24	21

Second Semester

VMed 164	Vet. Obstetrics	2	3	3
VMed 166	Surgery II	2	6	4
VMed 148	Zoonosis	2	0	2
VMed 174	Poultry & Swine Med.	4	0	4
VMed 182	Clinical Orientation I	0	6	2
VMed 200	Undergraduate Thesis			1
VMed 177	Wildlife & Fish Medicine	2	0	2
		12	15	18

Summer

VM 173	Clinics I (Internship)	9	3	
VMed 183	Clinics I (Internship)		18	6

SIXTH YEAR

First Semester

VM 131	Special Pathology	2	0	2
VM 145	Vet. Pharmacology	2	6	4
VM 157	Surgery III	2	3	3
VM 169	Wild. & Fish Medicine	2	0	2
VM 175	Clinics II (Internship)	0	6	2
VM 168	Juris. Ethics & Econ.	2	0	2
VM 167	Small Animal Med.	4	0	4
VM 200	Undergraduate Thesis			1
		14	15	20

First Semester

VMed 155	Special Pathology	2	0	2
VMed 175	Small Animal Medicine	4	0	4
VMed 167	Surgery III	1	6	3
VMed 185	Clinics II (Internship)	0	18	6
VMed 179	Juris. Ethics & Economics	2	0	2
VMed 187	Clinico-Path. Conference	1	0	1
VMed 199	Undergraduate Seminar	1	0	1
VMed 200	Undergraduate Thesis			1
		11	24	20

Second Semester

VM 176	Clinics III (Field Exp. I)*	0	42	14
VM 199	Undergraduate Seminar	1	0	1
VM 200	Undergraduate Thesis	4	0	4
		5	42	19

Second Semester

VMed 188	Clinics III (Internship)*	0	42	14
VMed 200	Undergraduate Thesis	4	0	4
		2	42	18

TOTAL

251

246

* Field experience: Exposure to animal disease laboratories, clinics or hospitals, community health project, waterworks and sewage systems, meat and milk processing plants, national and/or local abattoirs, national Stud Farm, commercial feed mills, drug companies, zoological gardens and wildlife parks and Department of Agriculture.

IX. Comparison of Proposed and TPAE Courses

TPAE		PROPOSED	
	79	A. Preparatory Veterinary Courses	80
English I	3	Engl 11 Communication Skills I	3
English II	3	Engl 12 Communication Skills II	3
English III	3	Engl 21 Introduction to Literature	3
Filipino I	3	Fili 11 Sining ng Pakikipagtalastasan at Retorika	3
Filipino II	3	Fili 12 Panitikang Pilipino	3
Social Science I	12	Spch 11 Speech Communication	3
		Psyc 11 General Psychology	3
		SSci 13 Socio-Economic System	3
		SSci 14 Phil. Soc. Prob. Land Reform & Taxation	3
General Inorganic Chemistry	5	Chem 11 General Chemistry	4
General Organic Chemistry	5	Chem 21 General Chemistry II	3
Biochemistry	5	Chem 31 General Biochemistry (lec)	3
		Chem 31a General Biochemistry (lab)	2

Zoology	5	Zool 11	General Zoology	3
Bolany	2	Biol 11	General Biology	4
Humanities	3	Bot 21	General Botany	3
Mathematics	6	Hum 11	Introduction to Humanities	3
		Math 11	College Algebra	3
		Math 12	Plane Trigonometry	3
		Stat 21	Elementary Statistics	3
Computer Science	3	CSci 12	Introduction to Computers	3
Philosophy	3	Phil 12	Contemporary Philosophical Thoughts	3
Physics	3	Phys 11	General Physics	4
Electives	9	SSci 15	Philippine History and Constitution	3
		Soci 11	General Sociology	3
Works and Life of Rizal	3	SSci 16	Life and Works of Rizal	3

1

B. Major Courses

	15
Fundamental of Animal Prod.	3
Principles of Animal Nutrition	3
Poultry Production	3
Swine Production and Mgt.	3
Ruminant Prod. & Equine Prod.	3

2

	15
Gross Anatomy I	4
Gross Anatomy II	4
Embryology	3
Histology	4

3

	11
General Microbiology	4
Bacteriology and Mycology	3
Virology	2
Immunology	2

4

	13
General Pathology I	4
General Pathology II	4
Clinical Pathology	3
Elective (Special, Surgical or Toxicology)	2

5

	9
Zoonoses	2
Food Hygiene	4
Epidemiology	3

6

	11
General Physiology I	4
Systemic Physiology	4
Reproduction Physiology	3

7

	8
Entomology and Protozoology	4
Helminthology	4

8

	8
Pharmacology & Therapeutics I	4
Pharmacology & Therapeutics II	4

9

B. Major Courses

1. Basic Animal Science Courses 15

Zoot 111	Principles of Animal Production	3
Zoot 112	Swine Management	3
Zoot 121	Poultry Management	3
Zoot 131	Ruminant & Equine Management	3
Zoot 144	Animal Nutrition	3

2. Veterinary Anatomy 15

VMed 101	Veterinary Anatomy I	4
VMed 102	Veterinary Anatomy II	4
VMed 103	Embryology	3
VMed 104	Histology	4

3. Veterinary Microbiology 12

VMed 141	Veterinary Microbiology I	4
VMed 142	Veterinary Microbiology II	3
VMed 143	Veterinary Virology	3
VMed 144	Immunology	2

4. Veterinary Pathology 13

VMed 151	General Pathology	4
VMed 153	Systemic Pathology	4
VMed 152	Clinical Pathology	3
VMed 155	Special Pathology	2

5. Veterinary Public Health 9

VMed 148	Zoonoses	2
VMed 147	Food Hygiene & Public Health	4
VMed 145	Epidemiology	3

6. Veterinary Physiology 11

VMed 111	Animal Physiology I	4
VMed 112	Animal Physiology II	4
VMed 113	Reproductive Physiology	3

7. Veterinary Parasitology 8

VMed 131	Veterinary Entomology & Proto	4
VMed 132	Veterinary Helminthology	4

8. Veterinary Pharmacology 8

VMed 121	Elem. Pharmacology	4
VMed 122	Veterinary Pharmacology	4

1		21	9. Veterinary Medicine	22
	Gen. Prin. of Veterinary Medicine	2	VMed 171 Introduction to Veterinary Medicine	3
	Ruminant & Equine Medicine	4	VMed 172 Ruminant & Equine Medicine	4
	Poultry and Swine Medicine	4	VMed 174 Poultry & Swine Medicine	4
	Canine & Feline Medicine	4	VMed 175 Small Animal Medicine	4
	Special Medicine	2	VMed 177 Wildlife and Fish Medicine	2
	Jurisprudence Ethics and Eco	2	VMed 179 Jurisprudence Ethics and Economics	2
	Theriogenology	2	VMed 164 Veterinary Obstetrics	3
		11	10. Veterinary Surgery	11
	Principles of Surgery	3	VMed 161 Surgery I	3
	Small Animal Surgery	4	VMed 166 Surgery II	4
	Large Animal Surgery	3	VMed 167 Surgery III	3
	Elem. Radio/Endo/Ultra	1	VMed 163 Radiology	1
2		28	11. Clinics	29
	Clinical Orientation I	2	VMed 182 Clin. Orientation I	2
	Clinical Orientation II	4	VMed 183 Clinics I	6
	Clinico-pathological Conference I	1	VMed 185 Clinics II (Internship)	6
	Clinico-pathological Conference II	1	VMed 187 Clinico-Pathological Conference	1
	Clinics I (Internship)	6	VMed 188 Clinics III (Field Experience)	14
	Clinics II (Field Experience)	14		
3		4	12. Thesis	6
	Thesis	4	VMed 200 Thesis	6
4		1	13. Others	7
	Seminar	1	VMed 199 Undergraduate Seminar	1
			VMed 195 Practicum	3
			VMed 198 Res. Planning & Manuscript Preparation	3
5	GRAND TOTAL	234		246

1
2

X. Existing Teaching Staff

Name	Degree	Specialization	Subjects to be Handled
TOMAS J. FERNANDEZ JR	DVM MSc Ph.D.	Major: Pathology Minor: Parasitology Major: Trop. Animal Health Minor: Immunology	VMed 151, VMed 153, VMed 155 VMed 131, VMed 132, VMed 198, VMed 182, VMed 183, VMed 185, VMed 188 & VMed 200
EUGENE B. LANADA	DVM Mphil	Major: Epidemiology Minor: Microbiology	VMed 141, VMed 142, VMed 145, VMed 147 & VMed 200
BRAULIO B. ALFARO JR	DVM MSc	Major: Animal Nutrition Minor: Microbiology	VMed 152, VMed 103, Zoot 121, Zoot 144, VMed 199, VMed 200 & VMed 121
ALBERTO A. TAVEROS	DVM MSc Ph.D.	Major: Trop. Parasitology Major: Animal Science Minor: AgEd/AgEx	Zoot 111, Zoot 112, VMed 111, VMed 112, VMed 113, VMed 122, & VMed 200
AGNES M. TAVEROS	DVM MSc	Major: Animal Science Minor: Ag Education	VMed 104, VMed 144, VMed 171, & VMed 200
LOTIS A. MONSALES	DVM		VMed 147, VMed 148, VMed 131, VMed 132, & VMed 200
EVELYN S. CORTEZ	DVM		VMed 101, VMed 102, VMed 103, VMed 104, & VMed 200
ELMER Q. ABILLAR	DVM		VMed 141, VMed 172, VMed 175, VMed 177, VMed 161 & VMed 200
DANIEL B. SANCHEZ	DVM		VMed 132, VMed 131, VMed 113, VMed 166, VMed 177, & VMed 200
ANA MARQUIZA M. QUILICOT	DVM		Zoot 131, VMed 111, VMed 164, VMed 163, VMed 164, & VMed 200

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