



## Supplement to the Diploma of Master of Science in Tropical Animal Health

This diploma supplement follows the model developed by the European Commission, the Council of Europe and UNESCO-CEPES. The diploma supplement provides independent data in order to improve the international transparency and the correct recognition of diplomas for academic or professional purposes. The supplement describes the nature, the level, the context, the content and the status of the studies successfully completed by the person named on the diploma to which this supplement is appended. The diploma supplement does not include any value judgment, interpretation on the equivalence or suggestions about recognition.

### 1. Information identifying the holder of the qualification

- 1.1. Surname: DAUTIL
- 1.2. Given name(s): Jane
- 1.3. Date and place of birth: 29/06/1992, Inopacan, Leyte, Philippines
- 1.4. Student identification number at the ITM: 11750

### 2. Information identifying the qualification

- 2.1. Name of the qualification : Master of Science in Tropical Animal Health (MSTAH)
- 2.2. Main field of study for the qualification: Veterinary Medicine, Sciences and Applied Sciences
- 2.3. The university association to which the institution of higher education belongs : not applicable
- 2.4. Name and status of the institution administering the studies: Institute of Tropical Medicine Antwerp (registered as Prins Leopold Instituut voor Tropische Geneeskunde), registered Flemish postgraduate training institution.
- 2.5. Language of course and examination: English.

### 3. Information on the level of the qualification

- 3.1. Level of qualification: Master level, more specifically subsequent Master (Master after Master): Level 7 according to the Qualifications Structure in Flanders (VKS) and the European Qualifications Framework (EQF)
- 3.2. Duration of the course and study load: 26/01/2020 until ± December 2021 (exact end date depending on the modules chosen, duration of the thesis work and possible resits), representing 1800 study hours 'student investment time' (SIT), equal to 60 credits. The course ended for Ms Dautil on 03/06/2022 (date of her thesis defence).
- 3.3. Admission requirements for the course: a primary university degree in life sciences (min. 4 years) equivalent to 240 ECTS (in the European Union called a Master degree) and proficiency in the course language (English).

### 4. Information on the content and structure of the course

- 4.1. Study type: blended learning including online and face-to-face learning.
- 4.2. Course content: Following an integrated One Health approach, the programme focuses on the relationships between infectious and parasitic diseases of animals and humans (zoonoses), diseases and ecosystem health in order to improve disease control strategies, ecosystem sustainability, food security and rural development. It will support the building of capacity to meet the challenges to the health of people, livestock and wildlife at such interfaces and at the same time building capacity that can influence the policy process to increase recognition and realization of the One Health concept when dealing with livestock, human and wildlife diseases in the tropics.

#### 4.3. MSTAH Structure

The MSTAH is offered as a 2-year blended programme (combined web-based and face-to-face) in collaboration with the University of Pretoria (Department of Veterinary Tropical Diseases), South-Africa (UP). The programme is designed to allow participants to combine work and study (partially done from the student's home).

The MSTAH has a modular structure and is composed in such a way that a student can, by selecting the appropriate elective modules (theory-based online modules or skills-based modules), achieve a qualification that will support various career paths, including microbiology or parasitology, veterinary field services, or general veterinary practice.

### 5. Information on the different components of the MSTAH

5.1. A compulsory induction/field-workshop that will take place at the Department of Veterinary Tropical Diseases, Faculty of Veterinary Science, Onderstepoort Campus, Pretoria, South Africa, and at the Hans Hoheisen Wildlife Research Station, situated at the Orpen gate of the Kruger National Park in the Mpumalanga Lowveld, South Africa ( $\pm$  12 days).

5.2. Four compulsory online core modules: to be done from the student's home.

- Research Methodology (3 ECTS credits)
- One Health: Basic Concepts (4 ECTS credits)
- Basic Epidemiology (4 ECTS credits)
- Laboratory Diagnostics (3 ECTS credits)

5.3. Elective modules: the total amount of credits for electives is minimum 16 ECTS credits and maximum 18 ECTS credits and the student can choose maximum 2 skills-based modules. The student can choose from:

- Theory-based online modules (to be done from the student's home)

- Advanced Epidemiology (4 ECTS credits)
- Advanced One Health (4 ECTS credits)
- Advanced One Health: Policy (4 ECTS credits)
- Animal Health Management: High Impact and Emerging Diseases (4 ECTS credits)
- General Vector-borne diseases (3 ECTS credits)
- Surveillance and Survey Methodology (4 ECTS credits)
- Ticks and Tick-borne Diseases (3 ECTS credits)

- Skills-based modules that partially will take place at the University of Pretoria/ITM and partially will be given online (blended format: e-learning and face-to-face teaching). Travel to UP or ITM is thus required for the skills-based modules (maximum 2 weeks per module). Exception: the complete Applied Epidemiology module will take place at ITM and will take 2 weeks (no online part). If the student wants to follow this module, he/she has to obtain a mark of 60% or more for the 'Advanced Epidemiology' module.

- Applied Epidemiology (4 ECTS credits)
- Applied Molecular Biology (3 ECTS credits)
- Applied Serology (3 ECTS credits)
- Applied Veterinary Bacteriology (3 ECTS credits)
- Applied Veterinary Helminthology (3 ECTS credits)
- Applied Veterinary Virology (3 ECTS credits)
- Selected Tick Identification (3 ECTS credits)

5.4. Dissertation (30 ECTS credits)





## 6. Information on the results obtained

### 6.1. Assessment:

The assessment methods are varied in each module (continuous assessment):

For the online parts, a combination of the following methods is used: quiz, blog, discussion forum, exercises, wiki, open questions, power point presentation.

For the practical parts, a practical skills examination is added.

The final assessment of the participant is based on:

- a) Coursework (represents 50% of the final mark)
- b) Mini-dissertation: manuscript and oral defence (represents 50% of the final mark)

The Master's degree is conferred when the student obtains minimum 50% for coursework and 50% for the mini-dissertation (1 resit is possible).

Students in the master programmes who achieved an average final score of 50% or more but obtained a fail of between 40%-50% for one of three component parts (course work, thesis manuscript, thesis defence), and furthermore didn't fail for more than one third of the credits of the course components (excluding the master exam/assessment) and always achieved marks of at least 40%, can be deliberated.

### 6.2. Final Evaluation: grades obtained by Ms Jane DAUTIL

CORE MODULES	ECTS CREDITS	STUDYLOAD	GRADE
Research Methodology (online)	3	90h	73/100
One Health: Basic Concepts (online)	4	120h	79/100
Basic Epidemiology (online)	4	120h	93/100
Laboratory Diagnostics (online)	3	90h	63/100
ELECTIVE MODULES			
Advanced One Health (online)	4	120h	82/100
Animal Health Management: High Impact & Emerging Diseases (online)	4	120h	68/100
Surveillance and Survey Methodology (online)	4	120h	80/100
Applied Molecular Biology (online & practical)	3	90h	86/100
Applied Serology (online & practical)	3	90h	88/100
THESIS	30	900h	
Manuscript (counts for 90 % of the total thesis mark)			79/100
Defence (counts for 10 % of the total thesis mark)			79/100

Title thesis: Assessing the transmissibility of Anisakidae allergens through a chicken feeding trial using Anisakidae larval meal

Date defence: 03/06/2022

**Total (average) score obtained for the modules: 79 %**

**Total score obtained for the thesis: 79 %**

**The final MSTAH mark obtained by Ms Jane DAUTIL is ' 79 %'**



The MSTAH, as a collaboration with the University of Pretoria, started in January 2016. Up until the date mentioned on this supplement:

- 77 students completed the program and obtained the degree of Master of Science in Tropical Animal Health.
- The average score for the final MSTAH mark is 71 %.
- The distribution of grades among the graduates can be found in the table of the grade distribution below.

**Table of the grade distribution**

Range of pass grades (final MSTAH mark)	Percentage of MSTAH graduates achieving the grade since January 2016
90 – 100	0 %
85 – 89,9	3 %
80 – 84,9	6 %
75 – 79,9	17 %
70 – 74,9	35 %
65 – 69,9	23 %
60 – 64,9	14 %
55 – 59,9	1 %
50 – 54,9	0 %

#### 7. Information on the function of this diploma

Access to further studies or professional functions depends on the laws and regulations of the home country of the student.

#### 8. Additional information

Additional information: no exemptions for course components or examinations have been granted to the candidate.

Information sources : please consult the following websites

- [www.hogeronderwijsregister.be](http://www.hogeronderwijsregister.be) presenting the Flemish Higher Education Register
- [www.itg.be](http://www.itg.be) presenting the Institute of Tropical Medicine, Antwerpen, Belgium
- <http://www.up.ac.za/> presenting the University of Pretoria, South Africa
- <http://naricvlaanderen.be/> presenting NARIC-Vlaanderen, the Flemish information centre of "National Academic Recognition and Information Centre Network" of the European Economic Area created in 1984 by the European Commission of the European Union.
- [www.nvao.net](http://www.nvao.net) presenting the Accreditation Organisation of Flanders and the Netherlands (NVAO).

#### 9. Certification of the supplement

Antwerpen, 05/07/2022



Dr Mieke Stevens  
Institute of Tropical Medicine Antwerp  
Education Coordinator of the Dep. of Biomedical Sciences  
Nationalestraat 155, 2000 Antwerp, BELGIUM  
E-mail: [mstevens@itg.be](mailto:mstevens@itg.be), tel.: +32/3.247.63.97



Seal of the Institute of Tropical Medicine





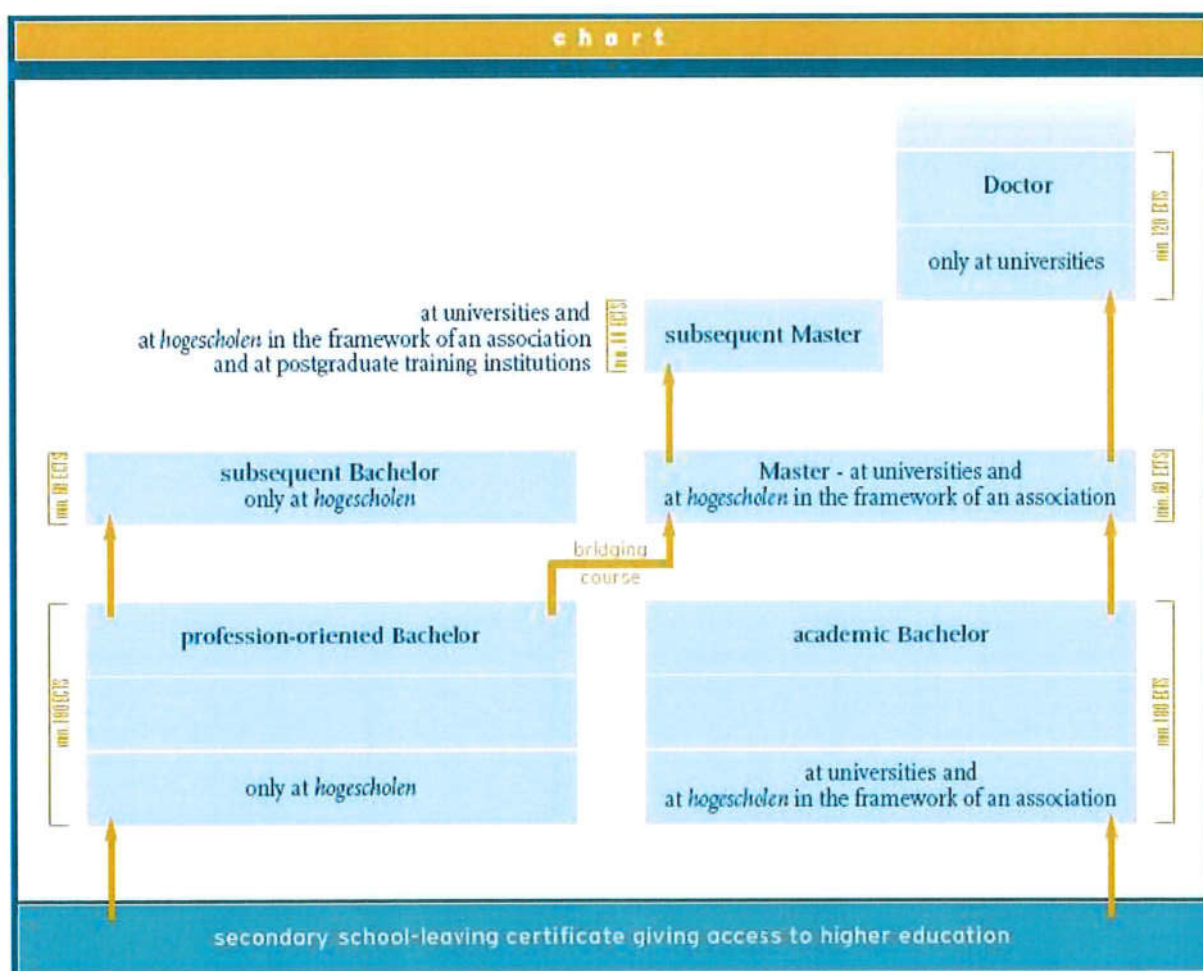
## Information on the higher education system of the Flemish Community in Belgium

### Description of the higher education system in the Flemish Community

In Flanders there are three levels of education:

- **The primary education** (from age 6 to 12)
- **The secondary education** (from age 12 to 18)
- **The higher education** (from age 18). In the Flemish Community in Belgium, higher education is organised at the universities, in 'hogescholen' or polytechnics and in specialised postgraduate training institutions.
  - **Higher academic education** is organised in the institutions with a university or similar statute: the Flemish Community in Belgium has 6 universities and a few postgraduate training institutions under University Laws. The Institute of Tropical Medicine is one of the latter. The universities offer a primarily academic education divided into two cycles: *bachelor* (3 years) and *master* (1 or 2 years). The Institute of Tropical Medicine offers an academic *master* education (1 year) accessible to holders of a university master or equivalent. The *master* programme of the Institute of Tropical Medicine is also called a subsequent *master*.
  - **Higher professional education in 'hogescholen'** (and similar institutions) is subdivided in education of the short type (3 or 4 years) in one cycle (bachelor) and education of the long type in two cycles (cf. academic education), in collaboration with universities.

Diagram of the higher education system in the Flemish Community







# VISAYAS STATE UNIVERSITY

(Formerly Visayas State College of Agriculture and Leyte State University)

## Main Campus

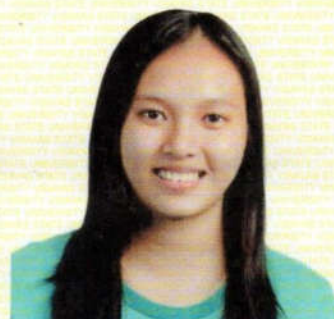
Visca, Baybay City, Leyte 6521-A  
Philippines

website : [www.vsu.edu.ph](http://www.vsu.edu.ph)  
email : [op@vsu.edu.ph](mailto:op@vsu.edu.ph)  
[registrar@vsu.edu.ph](mailto:registrar@vsu.edu.ph)  
Tele Fax: (053) 563-7067  
(053) 563-7428

## OFFICIAL TRANSCRIPT OF RECORDS

### PERSONAL DATA

**Student Name** : Dautil, Jane Pagalan  
**Student Number** : 09-1-01380  
**Date of Birth** : June 29, 1992  
**Place of Birth** : Inopacan, Leyte  
**Sex** : Female  
**Religion** : Roman Catholic  
**Citizenship** : Filipino  
**Parent/Spouse** : Justiniano M. Dautil  
**Address** : Brgy. Conalum, Inopacan, Leyte  
**Tel. No./Cell. No.** :  
**Guardian** :  
**Address/Cell. No.** :



### PRELIMINARY EDUCATION

**Elementary** : Conalum Elementary School **Year** : 2005  
Conalum, Inopacan, Leyte  
**High School** : Conalum National High School **Year** : 2009  
Conalum, Inopacan, Leyte  
**Entrance** : Form 138  
**Credential** : Conalum National High School  
Conalum, Inopacan, Leyte

### GRADING SYSTEM

RATING	EQUIVALENT	INDICATION
1.00	97-100	Excellent
1.25	94-96	Highly Outstanding
1.50	91-93	Outstanding
1.75	88-90	Very Good
2.00	85-87	Good
2.25	82-84	Very Satisfactory
2.50	79-81	Satisfactory
2.75	76-78	Fair
3.00	75	Passing
5.00	BELOW 75	Failure
S - Satisfactory	Inc - Incomplete	
U - Unsatisfactory	Drp - Dropped	
Au - Audit (No credit)		

One collegiate unit of credit is one hour lecture or recitation each week or a total of 18 hours in a semester. Three hours of laboratory work, drafting, or a shop work each week or a total of 54 hours a semester are regarded as equivalent also to one unit of credit.

The semestral average of a student is computed by multiplying the number of units assigned to a course by the grade earned and the product divided by the total units earned for the semester.





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## OFFICIAL TRANSCRIPT OF RECORDS

VISAYAS STATE UNIVERSITY (VSU), Visca, Baybay City, Leyte

09-1-01380 : **Dautil, Jane Pagalan**

Doctor of Veterinary Medicine (DVM)

Course	Descriptive Title	Grade	Credit
First Semester, SY 2009-2010			
Chem 11	GENERAL CHEMISTRY I	2.50	4.0
ENGL 11	COMMUNICATION SKILLS I	1.50	3.0
Fili 11	SINING NG PAKIKIPAGTALASTASAN AT RETORIKA	1.75	3.0
Math 11	COLLEGE ALGEBRA	2.50	3.0
PSYC 11	GENERAL PSYCHOLOGY	1.50	3.0
ScSc 13	SOCIO-ECONOMIC SYSTEMS	2.25	3.0
Soci 11	GENERAL SOCIOLOGY	1.50	3.0
PhyEd11	PHYSICAL FITNESS AND GYMNASTICS	1.75	2.0
NSTP 11c	CIVIC WELFARE TRAINING SERVICE (CWTS)	1.25	3.0
Second Semester, SY 2009-2010			
Engl 12	COMMUNICATION SKILLS II	1.50	3.0
FIL 12	PANITIKANG FILIPINO	2.00	3.0
Math 12	PLANE TRIGONOMETRY	1.75	3.0
ScSc 15	PHILIPPINE HISTORY, GOVERNMENT & CONSTITUTION	1.00	3.0
Stat 21	ELEMENTARY STATISTICS	2.50	3.0
Zool 19	INTRODUCTORY ZOOLOGY	2.00	5.0
PhyEd12	RECREATIONAL GAMES, RHYTHMIC ACTIVITIES & DANCE	INC 1.75	2.0
NSTP 12c	CIVIC WELFARE TRAINING SERVICE (CWTS)	2.00	3.0
First Semester, SY 2010-2011			
BOTN 23	INTRODUCTORY BOTANY	2.00	5.0
CHEM 21	GENERAL CHEMISTRY II	2.25	3.0
CSci 21	INTRODUCTION TO COMPUTERS	2.25	3.0
Engl 21	INTRODUCTION TO LITERATURE	1.50	3.0
Phys 11	GENERAL PHYSICS	2.00	4.0
Zoot 111	PRINCIPLES OF ANIMAL PRODUCTION	2.00	3.0
PhyEd13	TEAM SPORTS	1.25	2.0
Second Semester, SY 2010-2011			
Chem 31	GENERAL BIOCHEMISTRY	2.00	3.0
Chem 31a	BIOCHEMISTRY LABORATORY	2.25	2.0
Hum 11	INTRODUCTION TO HUMANITIES	1.75	3.0
Philo12	CONTEMPORARY PHILOSOPHICAL THOUGHTS	1.50	3.0
ScSc 14	PHIL. SOCIAL PROBLEMS, LAND REFORM & TAXATION	2.00	3.0
ScSc 16	LIFE AND WORKS OF RIZAL	1.00	3.0
Spch 11	SPEECH COMMUNICATION	2.50	3.0
Zoot 113	ANIMAL BREEDING	2.75	3.0
PhyEd14	INDIVIDUAL-DUAL SPORTS	2.50	2.0
First Semester, SY 2011-2012			
VMed 101	VETERINARY ANATOMY I	2.50	4.0
VMed 103	EMBRYOLOGY	INC 3.00	3.0
VMed 111	ANIMAL PHYSIOLOGY I	3.00	4.0
VMed 131	VETERINARY ENTOMOLOGY & PROTOZOOLOGY	INC 3.00	4.0
VMed 141	VETERINARY MICROBIOLOGY	INC 3.00	4.0
Zoot 115	LABORATORY ANIMAL PRODUCTION & MGT.	5.00	None
Second Semester, SY 2011-2012			
VMed 102	VETERINARY ANATOMY II	INC 2.00	4.0
VMed 104	HISTOLOGY	INC 3.00	4.0

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Page 2 of 4 pages

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09-1-01380 : Dautil, Jane Pagalan

Doctor of Veterinary Medicine (DVM)

Course	Descriptive Title	Grade	Credit
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VMed 112	ANIMAL PHYSIOLOGY II	2.75	4.0
VMed 132	VETERINARY HELMINTHOLOGY	2.75	4.0
VMed 142	VETERINARY MICROBIOLOGY II	3.00	3.0
VMed 144	IMMUNOLOGY	2.75	2.0
First Semester, SY 2012-2013			
VMed 113	REPRODUCTIVE PHYSIOLOGY	3.00	3.0
VMed 121	ELEMENTARY PHARMACOLOGY	2.50	4.0
VMed 143	VETERINARY VIROLOGY	2.50	3.0
VMed 151	GENERAL PATHOLOGY	INC	3.00 4.0
Zoot 121	POULTRY MANAGEMENT	INC	3.00 3.0
Zoot 131	RUMINANT PRODUCTION	2.50	3.0
Second Semester, SY 2012-2013			
VMed 122	VETERINARY PHARMACOLOGY	2.75	4.0
VMed 171	INTRODUCTION TO VETERINARY MEDICINE	2.25	3.0
VMed 198	RESEARCH PLANNING AND MANUSCRIPT PREP.	INC	2.25 3.0
Zoot 112	SWINE MANAGEMENT	INC	3.00 3.0
Zoot 132	EQUINE PRODUCTION AND HEALTH	INC	3.00 3.0
Zoot 144	ANIMAL NUTRITION & FEEDING MGT.	3.00	3.0
Summer 2013			
VMed 195	PRACTICUM	S	In Progress
First Semester, SY 2013-2014			
VMed 145	EPIDEMIOLOGY	INC	2.75 3.0
VMed 147	FOOD HYGIENE AND PUBLIC HEALTH	2.25	4.0
VMed 153	SYSTEMIC PATHOLOGY	2.75	4.0
VMed 161	SURGERY I	2.50	3.0
VMed 163	RADIOLOGY	2.75	2.0
VMed 164	VETERINARY OBSTETRICS	2.00	3.0
Second Semester, SY 2013-2014			
VMed 148	ZOONOSES	3.00	2.0
VMed 152	CLINICAL PATHOLOGY	3.00	3.0
VMed 166	SURGERY II	2.50	4.0
VMed 172	RUMINANT & EQUINE MEDICINE	2.25	4.0
VMed 174	POULTRY AND SWINE MEDICINE	3.00	4.0
VMed 177	WILDLIFE AND FISH MEDICINE	2.75	2.0
VMed 182	CLINICAL ORIENTATION I	2.75	2.0
VMed 200	UNDERGRADUATE THESIS	S	In Progress
Summer 2014			
VMed 183	CLINICS I (INTERNSHIP)	INC	1.50 6.0
First Semester, SY 2014-2015			
VMed 155	SPECIAL PATHOLOGY	INC	3.00 2.0
VMed 167	SURGERY III	2.75	3.0
VMed 175	SMALL ANIMAL MEDICINE	3.00	4.0
VMed 179	JURISPRUDENCE, ETHICS & ECONOMICS	2.50	2.0
VMed 185	CLINICS II (INTERNSHIP)	INC	3.00 6.0
VMed 187	CLINICO-PATHOLOGICAL CONFERENCE	2.50	2.0
VMed 199	UNDERGRADUATE SEMINAR	2.00	1.0
Zoot 115	LABORATORY ANIMAL PRODUCTION & MGT.	2.75	2.0

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Page 3 of 4 pages

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09-1-01380 : Dautil, Jane Pagalan

Doctor of Veterinary Medicine (DVM)

Course	Descriptive Title	Grade	Credit
Second Semester, SY 2014-2015			
VMed 195	PRACTICUM	S	In Progress
VMed 200	UNDERGRADUATE THESIS	S	In Progress
First Semester, SY 2015-2016			
VMed 188	CLINICS III (Field Experience)	1.50	14.0
VMed 195	PRACTICUM	INC 1.75	3.0
Vmed 200	UNDERGRADUATE THESIS	S	In Progress
Second Semester, SY 2015-2016			
VMed 200	UNDERGRADUATE THESIS	1.25	6.0
THESIS:	OCCURRENCE OF <i>Salmonella</i> spp. IN BACKYARD CHICKENS ( <i>Gallus gallus</i> ) AND ASSOCIATED RISK FACTORS IN SELECTEDS BARANGAYS OF BAYBAY CITY, LEYTE		

Graduated on April 13, 2016 with the degree of Doctor of Veterinary Medicine (DVM) as per VSU Board of Regents Resolution No. 14, s. 2016 dated March 29, 2016.

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Doc. Stamp Paid: P15.00

REMARKS : FOR BOARD EXAMINATION

DATE ISSUED : APRIL 15, 2016

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Page 4 of 4 pages

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