| MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT **VIETNAM NATIONAL UNIVERSITY OF AGRICULTURE** | **SOCIALIST REPUBLIC OF VIETNAM** **Independence - Freedom - Happiness** |

PROGRAM FOR UNDERGRADUATE
ANIMAL SCIENCE
COURSE SPECIFICATION
SN03049: ENGLISH FOR ANIMAL SCIENCE

I. General information

- o Term: 5
- o Credits: **Total credits 02 (Lecture: 30 – Practice: 0 - Self-study: 04)**
- o Credit hours for teaching and learning activities:
  + Lecture: 15 hrs
  + Exercises on class: 15 hrs
- o Self-study: 60 hrs.
- o Department conducting the course:
  - ▪ Department: General English
  - ▪ Faculty: Tourism and Foreign Languages
- o Kind of the course:

Foundation □		Fundamental □		Option 1 □		Option 2 ☒	
Compulsory □	Elective □	Compulsory □	Elective □	Compulsory □	Elective □	Compulsory ☒	Elective □

- o Parallel course(s): None
- o Prerequisite course(s): English 2 - SN01033
- o Course language: English ☒   Vietnamese □

II. Course objectives and expected learning outcomes

*** Course objectives**: This course aims to provide students with a range of common technical terms which help them to read and write professional documents in the animal science; identify and apply common grammatical phenomena in specialized English (tenses of verbs, passive sentences); access to scientific style in professional documents in English within about 1000 words and apply them when writing scientific literature on animal science in English.

*** Course expected learning outcomes**

This course contributes to program expected learning outcomes as follows:

I – Introduction; P – Practice; R – Reinforce; M – Master

Code	Course name	Program expected learning outcomes													
		ELO1	ELO2	ELO3	ELO4	ELO5	ELO6	ELO7	ELO8	ELO9	ELO10	ELO11	ELO12	ELO13	LO14
SN03049	English for Animal Science							R							

Notation	Course expected learning outcomes	Program expected

1

	After successfully completing this course, students are able to	learning outcomes
Knowledge		
K1	Acquire a range of English terminology about animal science	ELO7
K2	Identify English grammar features which are frequently used in professional documents about animal science	ELO7
K3	Grab a list of simple definitions in the field of animal science	
Skills		
K4	Explain in English a few definitions of the animal science items using acquired vocabulary	ELO7
K5	Catch main ideas while reading a short document of animal science approximately 1000 words	ELO7
K6	Translate a 1000 word document of animal science into Vietnamese and vice versa	ELO7

III. Course description

Code: SN03049 – Name: English for Animal Science (Total credits 02; lecture: 02 - practice : 0 - self-study: 04).

Brief description of the course: This course consists of 9 units including Unit 1-Organ and organ systems, Unit 2- The digestive system, Unit 3- The skeletal system, Unit 4- The excretory system, Unit 5- The circulatory system, Unit 6- The respiratory sytem, Unit 7- The nervous system, Unit 8- Gastric function, Unit 9- Number of animals in herb/room.

IV. Teaching and learning methods

1. Teaching methods

- Lecturing method

- Group-based learning

- Role-play teaching

- Teaching with MCQ

- Teaching using videos

- Teaching on Ms Teams

2. Learning methods

- Individual work, pair-work & group work to discuss or solve problems
- Self-study using multimedia or suggested E-learning websites

V. Student tasks

- Attendance: All students taking this course must attend all the required classes in the class; participate in class discussion according to the teacher's instructions;
- Preparation for the lecture: All students taking this course must pre-read and check the new vocabulary for the new lesson before going to class.
- Assignment: All students must complete all the assignments/ homework assigned by the teacher.
- Mid-term exam: All students taking this course must fulfil the mid-term test
- Final exam: All students taking this course must sit in the final exam

VI. Assessment methods

1. Grading: 10

2. Average score of course is the total points of rubrics multiplied by the respective weight of each rubric.

3. Assessment summary

Rubric	Course expected learning outcomes	Weighting (%)	Week
Formative assessment	**K1,K2,K3,K4,K5,K6**	40	1,2,3,4,5,6,7,8,9,10
Rubric 1. Attendance	K1,K2,K3,K4,K5,K6	10	1,2,3,4,5,6,7,8,9,10
Rubric 2. Mid-term exam	K1,K2,K3,K4	30	10
Summative assessment	**K1,K2,K3,K4,K5,K6**	60	In accordance with the school shedule
Rubric 3. Final exam	K1,K2,K3,K4,K5,K6	60	In accordance with the school shedule

Rubric 1: Attendance

Areas of assessment	Weighting (%)	Excellence 8.5 – 10 point	Good 6.5 – 8.4 point	Fair 4.0 – 6.4 point	Poor 0 – 3.9 point
Attendance	50	Attending more than 90% of class hours	Attending between 80%-90% of class hours	Attending between 60%-80% of class hours	Attending less than 50% of class hours
Participation	50	Listening attentively to the teacher, cooperating well with partners in pair-work or group work, being active in discussions	Listening attentively to the teacher, cooperating well with partners in pair-work or group work, but not being active in discussions	Listening attentively to the teacher, but not cooperating well with partners in pair-work or group work, not being active in discussions	Not listening attentively to the teacher, not cooperating well with partners in pair-work or group work, not being active in discussions

Rubric 2: Mid-term exam

Areas of assessment	Weighting (%)	Excellence 8.5 – 10 point	Good 6.5 – 8.4 point	Fair 4.0 – 6.4 point	Poor 0 – 3.9 point
Choosing the correct answers to complete sentences	20	Give at least 80% correct answers	Give from 60% to 80% correct answers	Give 40% to 60% correct answers	Give fewer than 40% correct answers
Giving definitions to given terms	20	Most of the definitions are correct without any spelling mistakes	Around three third of the definitions are correct with some minor spelling mistakes	Around half of the definitions are correct with some minor spelling mistakes	Few of the definitions are correct with major spelling mistakes

Areas of assessment	Weighting (%)	Excellence 8.5 – 10 point	Good 6.5 – 8.4 point	Fair 4.0 – 6.4 point	Poor 0 – 3.9 point
Reading a text and answering questions	30	Give most correct answers in terms of grammar and spelling	Give most correct answers in terms of content but with some minor mistakes in grammar and spelling	Give some correct answers with some minor mistakes in grammar and spelling	Give few correct answers with some major mistakes in grammar and spelling
Translating a short text from English to Vietnamese	30	The translation is coherent, cohesive, and well-organized	The translation is understandable but not very coherent, cohesive, and well-organized	The translation is understandable but still with some mistakes	The translation is hardly understood

Rubric 3: Final exam

Areas of assessment	Weighting (%)	Excellence 8.5 – 10 point	Good 6.5 – 8.4 point	Fair 4.0 – 6.4 point	Poor 0 – 3.9 point
Answering question 1	45	Provide sufficient content about the topic, talk at normal speed with no grammatical mistakes and good pronunciation in a natural manner	Provide sufficient content about the topic, talk at normal speed with some grammatical mistakes and quite good pronunciation in a natural manner	Provide part of the content required, talk at normal speed with many grammatical mistakes and quite good pronunciation in a not very natural manner	Provide part of the content required, talk at slow speed with many grammatical mistakes and poor pronunciation in an unnatural manner
Answering question 2	45	Understand the questions, give quick response with no mistakes in grammar and pronunciation	Understand the questions, give quick response with some mistakes in grammar and pronunciation	Understand the questions, give slow responses with many mistakes in grammar and pronunciation	Not understand the questions, no responses to questions
Outline preparation paper	10	Sufficient content of 20 required topics in a clear layout	Sufficient content of 20 required topics in a not very clear	A lack of required content in a clear layout	A lack of required content in unclear layout or

Areas of assessment	Weighting (%)	Excellence 8.5 – 10 point	Good 6.5 – 8.4 point	Fair 4.0 – 6.4 point	Poor 0 – 3.9 point
			layout		even no topic preparation paper

4. Course requirements and policies

Late homework: Late homework will account to the subtraction of attendance assessment

Absence: absence from 1 class hour means 1 point subtracted from the attendance points

Make-up exams. Missing the midterm will lead to a grade of 0 except in the case of a documented illness or other documented circumstances beyond your control.

Ethical policy: All students must follow the school regulations in class.

Exceptional circumstances: Any absence from class or mid-term exam day must be notified to the teacher in advance

VII. Text books and references

* Text Books/Lecture Notes:

Lecture Notes for English for Animal Science. (2018). collected by the teacher for internal use.

* Additional references:

1. Nguyễn Xuân Trạch (2007). Bài giảng Tiếng Anh chuyên ngành chăn nuôi và nuôi trồng thủy sản. Học viện Nông nghiệp Việt Nam.

2. Khoa Chăn nuôi thú y (2010). Bài giảng Tiếng Anh chuyên ngành chăn nuôi thú y. ĐH Nông Lâm Thái Nguyên.

3. Udeybir Singh Chahal, P.S. Niranjan, Sanjay Jumar (2008). Handbook of General Animal Nutrition. Department of Animal Nutrition, Narendra University, India.

VIII. Course outline

Week	Content		Course expected learning outcomes
1	**Unit 1. Organ and Organ systems**		K1, K2, K3, K4, K5, K6
	A/ Main contents: (3 hours) **Theory:** - Introduction about organ and organ systems. - Vocabulary & Grammar		
	B/ Self- study contents: (6 hours) - Exercises in coursebook, reference books - Online learning		
2	*Unit 2:* **The digestive system**		

		A/ **Main contents**: *(3 hours)* **Theory:** - The foods of herbivorous animals, carnivorous animals, omnivorous animals. - The parts of the digestive system. B/ **Self-study contents**: *(6 hours)* - Exercises in coursebook, reference books - Online learning	K1, K2, K3, K4, K5, K6
3	*Unit 3:* **The skeletal system**		
		A/ **Main contents**: *(3 hours)* **Theory:** - the functions of the skeleton - Types of skeleton B/ **Self-study contents**: *(6 hours)* - Exercises in coursebook, reference books - Online learning	K1, K2, K3, K4, K5, K6
4	*Unit 4:* **The excretory system**		
		A/ **Main contents**: *(3 hours)* **Theory:** - the principal excretory organs in every vertebrate - the kidneys and other excretory organs	K1, K2, K3, K4, K5, K6
		B/ **Self-study contents**: *(6 hours)* - Exercises in coursebook, reference books - Online learning	
5	*Unit 5:* **The circulatory system**		
		A/ **Main contents**: *(3 hours)* **Theory:** - the circulatory system in a vertebrate - the parts of the circulatory and their functions B/ **Self-study contents**: *(6 hours)* - Exercises in coursebook, reference books - Online learning	K1, K2, K3, K4, K5, K6
6	**Mid-term Test**		K1, K2, K3, K4, K5, K6
7	**Unit 6: The respiratory system**		

	A/ **Main contents**: *(3 hours)* **Theory:** - Definition of respiration. - The respiration in different animals. B/ **Self- study contents**: *(6 hours)* - Exercises in coursebook, reference books - Online learning	K1, K2, K3, K4, K5, K6
	Unit 7: **The nervous system**	
8	A/ **Main contents**: *(3 hours)* **Theory:** - What does the nervous system consist of? - How does the vegetative nervous system regulate the body temperature in birds and mammals? B/ **Self- study contents**: *(6 hours)* - Exercises in coursebook, reference books - Online learning	K1, K2, K3, K4, K5, K6
	Unit 8: **Gastric functions**	
9	A/ **Main contents**: *(3 hours)* **Theory:** - What easily disturb the gastric function and cause lesions? - What can distend the stomach? - Gastric functions of piglets B/ **Self- study contents**: *(6 hours)* - Exercises in coursebook, reference books - Online learning	K1, K2, K3, K4, K5, K6, K7
	Unit 9: **Number of animals in herb/room**	
10	A/ **Main contents**: *(3 hours)* **Theory:** - The number of animals in herb - Ventilation B/ **Self- study contents**: *(6 hours)* - Exercises in coursebook, reference books - Online learning	K1, K2, K3, K4, K5, K6, K7

IX. Facility and other requirements:

- Classroom: 50 seats, air-conditioned, sufficient light and fans
- Teaching equiptment: Projector, speaker, micro speaker, board & chalk
- Other facilities: Internet wifi
- E-learning: Students must have a computer/ laptop at home

Hanoi .7./..2022.

HEAD OF DEPARTMENT	**LECTURER**
(Full name and signature)	*(Full name and signature)*
Pham Huong Lan	Nguyen Thi Minh Tam, MA.

APPENDIX
LIST OF LECTURERS AND ASSISSTANTS FOR THE COURSE

Lecturer

Full name: Nguyen Thi Minh Tam	Title: MA
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Lecturer

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Lecturer

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