

International Applied Animal Science

Minor code	VAH335VE			
Education cycle	1st cycle (bachelor)			
Mode of delivery	On-campus			
Study programme	Animal Husbandry			
Part of study year	Year 3 or 4			
Location	Velp			
Semester	Fall semester; terms 1 and 2			
Number of credits (ECTS)	30			
Language of instruction	English			
Target group	Van Hall Larenstein students, Erasmus+ students, external students Students following a course in agriculture, agribusiness, animal husbandry or veterinary sciences, having some practical experience in animal husbandry.			
Minor co-ordinator and contact person	Ben Rankenberg, ben.rankenberg@hvhl.nl			
Entry requirements and prerequisites	At least 2 years Bachelor education in Agriculture, Animal Husbandry, Agribusiness or Veterinary Science.			
Application procedure	Consult Exchange possibilities			
Major study units	Term of teaching	Study unit code	Name of the study unit	ECTS
	Terms 1and 2	VAH3A1VE1	Animal Performance Science	7
	Term 1	VAH3A2VE1	Farm Advice	7
	Term 2	VAH3A3VE1	Sector Development	7
	Terms 1 and 2	VAH3A4VE3	Research and innovation	7
	Terms 1 and 2	VAH310VE	Study Mentoring Year 3	2
Content	<p>Research into new housing systems, alternative feed for animals, robot implementation, new products or collaboration with care and landscape management. Interesting information if you want to be more successful in livestock farming. But how do you implement the results of applied research? And how do you improve your perspective?</p> <p>That is what the International Applied Animal Science minor is all about. You will learn about various science-based performance indicators for livestock farming. In other words: what makes livestock farming more successful? Answering this question is valuable information when writing an advisory report for improving production results for a specific farmer. You will also develop new agricultural practices for a specific organization or company.</p>			
Competences	<p>The minor is working on the following competencies for Animal Husbandry specialists at BSc level (level 3):</p> <ul style="list-style-type: none"> • To develop a business plan • To translate and to apply governmental policies and legislation into practice • Preparation and implementation of applied research • To develop and market products and services • To analyse and to optimize the management of an animal husbandry business • To acquire clients and to give advice • To lead projects, processes and people • To develop and apply a quality (assurance) system • To show professional behaviour and reflection on own performance 			

	<ul style="list-style-type: none"> • To conduct social responsible and sustainable entrepreneurship • Interactive inform specific target groups • Overseeing the international animal husbandry sector
Learning goals	<p>You will learn:</p> <ul style="list-style-type: none"> • To write professional papers applying animal performance theory. • To operate an animal husbandry farm advisory assignment from intake to final reporting and advice discussion. • To develop and execute a quantitative applied research followed by advise development and presentation on related innovations. • To execute, manage and report a development project assignment for a secondary company in animal husbandry. • To develop your professional competencies for job requirements in animal husbandry sector at Bachelor level (primary, secondary or tertiary).
Added value	The minor about applied animal science offers students the knowledge and skills to become a more successful farm manager, an applied researcher in animal husbandry or an advisor on the subject.
Mandatory literature	Cow Signals or Poultry Signals or Pig Signals booklets
Teaching methods and student workload	<ul style="list-style-type: none"> • Class room taught courses • Real life case project assignments • Self-study <p>30 EC corresponding with 30*28 hours work load = 840 hours</p>
Assessment	Written test, case reports, case outcome presentations and consultation meetings.
Evaluation scale	<p>Grades per study unit: 1,0 - 10,0 (pass grade 5,5)</p> <p>View ECTS credits and grading</p>