



AERES
UNIVERSITY OF
APPLIED SCIENCES
DROTEN

EED Animal Production

ECTS guide

2018-2020, Jantien Tempert

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1. Course information EED Animal Production

In this chapter the course EED Animal Production will be described.

1.1. Course Outline EED Animal Production 2018-2020

1 st semester	Week 37 2018 – Week 5 2019	code	EC
	<p>Advisor Dairy/Pig/Poultry Production In this module the student will learn how to act as a consultant or advisor in the livestock sector. This includes communication with farmers, gathering farm data, analysing this data and the formulation of advices that are consistent with the objectives of the farmer. The student will write an advisory report and present this in an advisory meeting to the farmer. For a solid background in giving advice, students will get classes about nutrition, genetics, and health. Next to that students will have practical training in giving advice to farmers.</p>	HADP/HAPI/HAPO	13
	<p>International Entrepreneurship Due to all kind of reasons including an international environment, decisions that farmers have to make are becoming more and more complex. Therefore modern entrepreneurs and their consultants need the right competencies to develop ideas and calculate the economic effects of operational, tactical and strategic options they have in mind for their farm or their client. In this module the student will learn to develop new ideas, explore the possibilities for improvement of farm management and develop new ideas for farm development. The student will write a strategic advisory report and present this in an advisory meeting to the farmer. Students will have classes about: farm economics, strategic management, marketing and sales, world agricultural policy, HRM and international livestock production.</p>	AIES	13
1 st & 2 nd semester (week 6&7)	<p>Personal Development At Aeres UAS we not only focus on practical and theoretical knowledge but also on personal growth. In APL4L we will reflect on student's development and prepare students for their professional life.</p>	APL4i	3
1 st & 2 nd semester (week 6&7)	<p>Applied research In this module students will learn how to do applied livestock research. Students will develop a research proposal, collect data, analyse this data (with statistical tests) and report about the research results. Students will be able to explain how the results from their research can be applied in practical livestock farming.</p>	ALDR	8
2 nd semester	March 2019 – June 2019		
	<p>Courses in Angers Information given by ESA Angers, Justine Defois</p>	HEAN	23
2 nd year	July 2019 – January 2020		
	<p>Company placement Orientation on companies and professional tasks related to the field of work of bachelors in dairy business.</p>	AECPL	20
	<p>Thesis Execution of a problem-solving research related to dairy business.</p>	AAFwi	10
	Total EC		90

The schedule might be subject to changes.

1.2. Matrix of competences and modules

The next matrix provides an overview of the various competences you will attain after finalizing the various modules in EED Animal Production

EEDL	HADP/HAPI/HAPO	AIES	APL4i	ALRD	HEAN	AECPL	AETHS	TOTAAL
	Final qualifications							
1. To analyse and optimise a livestock farm in relation to the environment of the farm	X	X			X			3
2. To overview the international sector		X						1
3. To acquire projects and give advice	X	X			X			3
4. To design and execute applied research	X		X	X	X			4
5. To develop a strategic plan		X						1
6. To develop products and services and find markets for these products and services		X	X	X	X			4
7. To translate and apply policy		X						1
8. To inform specific target groups in an interactive way	X	X	X	X	X			5
9. To manage projects, processes and people		X	X	X	X			4
10. To apply quality systems								0
11. To show corporate social responsibility and introspect	X	X	X		X			4
Aeres competencies								
1. To show leadership capabilities		X			X			2
2. To cooperate	X	X	X		X			4
3. To present	X	X			X			3
4. To research	X			X	X			3
5. To innovate	X	X		X				3
6. To organize	X	X		X	X			4
7. To introspect			X	X				2
8. To enterprise	X	X						2
9. To endorse sustainable behavior	X	X		X	X			4
10. To appreciate the global perspective		X	X					2

1.3. Year schedule EED Animal Production

week		International 1,5 year bachelor programs 2018-2020	Activities
36	3-sep	Introduction week	HADP/HAPI/HAPO + AIES + APL4i
37	10-sep	Start classes	
38	17-sep		
39	24-sep		
40	1 Oct		
41	8 Oct		
42	15 Octt		
43	22 Oct	Autumn break	
44	29 Oct		
45	5-nov	Exams	
46	12-nov	Exams	HADP/HAPI/HAPO + AIES + APL4i
47	19-nov		
48	26-nov		
49	3-dec		
50	10-dec		
51	17-dec		
52	24-dec	Christmas break	
1	31-dec	Christmas break	
2	7-jan		
3	14-jan		
4	21-jan	Exams + assessments	Exam period 2 (T2)
5	28-jan	Exams + assessments	APL4i
6	4-feb	Crash course applied research	
7	11-feb	Crash course applied research	
8	18-feb	Spring Holiday	
9	25-feb		
10	4-mar	<i>Start courses in Angers</i>	HEAN
	End of June	<i>Finish courses in Angers</i>	
	July	Start placement and thesis <i>(a more detailed planning of the placement and thesis will be provided during the academic year)</i>	AECPL & AETHS
	Jan 2020	Finish placement and thesis	

The schedule might be subject to changes.

2. Module descriptors

This chapter gives information about the separate modules in International Dairy Management. Depending on the specialisation the student chooses (dairy, pigs or poultry), HADP (dairy), HAPO (poultry) or HAPI (Pigs) will be part of the programme.

2.1. Advisor Dairy Production (HADP)

Advisor Dairy Production (HADP)			
Advisor Dairy Production			
Coördinator:	J. Tempert (TEJ)	Credits:	13

Module elements	EC	Name	Exam	Period	Literature
HADP01	4	Assessment and learning tasks	Assessment	2	<ul style="list-style-type: none"> Learning guide + info blackboard
HADP02	2	Dairy Genetics	Written exam	2	<ul style="list-style-type: none"> Sheets and provided articles
HADP03	2	Dairy Nutrition	Written exam	1	<ul style="list-style-type: none"> Penn State Extension Circular 422: "From feed to Milk: Understanding Rumen Function" (available online) Penn State Extension, From Harvest to Feed: Understanding Silage Management (available online) NRC, 2001. Nutrient Requirements of Dairy Cattle 7th revised edition (available online) Lecture notes/slides
HADP04	2	Dairy Health	Written exam	1	<ul style="list-style-type: none"> Brand, A, J.P.T.M. Noordhuizen and Y. Schukken; Herd health and production management control, 2001. ISBN13: 789074134347 Hulsen, J. and Klein Swormink. B; From calf to heifer, 2006, ISBN 9789075280951
HADP05	2	Roughage Production	Written exam	2	<ul style="list-style-type: none"> Sheets and provided articles
HADP06	1	Advisory training	Training	2	<ul style="list-style-type: none">

Practical training at University farm related to different module elements (02-05)

Entrance requirements	Basic knowledge about dairy production and management
Professional task	In this module the student will learn how to act as a consultant or adviser. This includes communication with farmers, gathering data, analysing data and formulation of advices that are consistent with the objectives of the farmer. The student will write an advisory report and present this in an advisory meeting to the farmer.
Role:	Advisor/consultant
Methods:	Learning tasks, classes, practical training and farm visits
Fields of expertise	Objectives (the student):
HADP01 Learning tasks and assessment	<ul style="list-style-type: none"> Is able to develop a quick-scan and advisory report Is able to give a written and oral advice about tactical management.

HADP02 Dairy Genetics	<ul style="list-style-type: none"> Is able to analyse a dairy farm and advice farmers about their genetic plans Is able to predict the effect of breeding decisions Is able to explain the application of genomic selection Is able to calculate the heritability of traits and reliability of breeding values Is able to explain the effects of inbreeding and cross breeding
HADP03 Dairy Nutrition	<ul style="list-style-type: none"> is able to analyze a dairy farm and advise farmers about animal nutrition. is able to determine the factors influencing the appropriate preservation of feed stuffs. is able to explain the relation between feedstuffs and digestibility, feed intake, animal health and production. is able to explain the metabolic transition from feed into animal products. is able to evaluate feedstuffs and their nutritional value related to utilization by the animal. is able to critically analyze the ration of different animal categories. is able to explain relation between animal nutrition and nutrition related diseases. is able to explain the relation between animal nutrition and environmental impact.
HADP04 Dairy Health	<ul style="list-style-type: none"> Is able to analyse a dairy farm on factors responsible for the occurrence of farm related diseases and advice on preventive measures. Is able to analyse a dairy farm on factors responsible for the occurrence of infectious and parasitic diseases and advice on preventive measures. Is able to explain the mechanism of antibiotic resistance and advice on measures to reduce the use of antibiotics
HADP05 Roughage Production	<ul style="list-style-type: none"> Is able to analyse and develop a grazing plan and a roughage production plan Is able to analyse and calculate the use of manure and (chemical) fertilizers.
HADP06 Advisory training	<ul style="list-style-type: none"> is able to give an oral advise to a dairy farmer using appropriate advisory techniques is able to give a farmer specific advise
Aeres competencies:	
To cooperate, To present, to research, to innovate, to organise, to enterprise, to endorse sustainable behaviour	
Final Qualifications:	
<ul style="list-style-type: none"> To analyse and optimise a livestock farm in relation to the environment of the farm To acquire projects and give advice To design and execute applied research To inform specific target groups in an interactive way To show corporate social responsibility and introspect 	

2.2. Advisor Poultry Production (HAPO)

Advisor Poultry Production (HAPO)					
Advisor Poultry Production					
Coördinator:	J. Tempert (TEJ)		Credits:	13	
Module elements	EC	Name	Exam	Period	Literature
HAPO01	4	Assessment and learning tasks	Assessment	2	<ul style="list-style-type: none"> Learning guide + info blackboard
HAPO03	2	Poultry Nutrition	Written exam	1	<ul style="list-style-type: none"> Kleyn, R., 2013, Chicken Nutrition, A guide for nutritionists and poultry professionals. ISBN 978-1-899043-42-2 Shane, S.M., 2006, Nutritional and Digestive disorders of poultry. ISBN 978-1899043545
HAPO04	2	Poultry Health	Written exam	1	<ul style="list-style-type: none"> Blair, R., 2006, Poultry Inspection. Anatomy & Physiology, 2nd Edition, University of British Columbia, Canada. ISBN 9781899043460

HAPO06	1	Advisory training	Training	1	•
HAPO07	1	Poultry Genetics	Written exam	2	• Poultry genetics and breeding, PTC+, available on Blackboard
HAPO08	3	Current issues	Written exam	2	• Class materials and poultry magazines

Practical training at University farm related to different module elements

Entrance requirements	Basic knowledge about poultry production and management
Professional task	In this module the student will learn how to act as a consultant or adviser. This includes communication with farmers, gathering data, analysing data and formulation of advices that are consistent with the objectives of the farmer. The student will write an advisory report and present this in an advisory meeting to the farmer.
Role:	Advisor/consultant
Methods:	Learning tasks, classes, practical training and farm visits
Fields of expertise	Objectives (the student):
HAPO01 Learning tasks and assessment	<ul style="list-style-type: none"> • Is able to develop a quick-scan and advisory report • Is able to give a written and oral advice about tactical management.
HAPO03 Poultry Nutrition	<ul style="list-style-type: none"> • Is able to analyse a poultry farm and advice farmers about animal nutrition • Is able to explain the relation between feedstuffs and digestibility, feed intake, animal health and production • Is able to explain the metabolic transition from feed into animal products • Is able to evaluate feed stuffs and their nutritional value related to utilization by the animal • Is able to critically analyse the ration of different animal categories • Is able to explain relation between animal nutrition and nutrition related diseases
HAPO04 Poultry Health	<ul style="list-style-type: none"> • Is able to analyse a poultry farm on factors responsible for the occurrence of farm related diseases and advice on preventive measures. • Is able to analyse a poultry farm on factors responsible for the occurrence of infectious and parasitic diseases and advice on preventive measures. • Is able to explain the mechanism of antibiotic resistance and advice on measures to reduce the use of antibiotics
HAPO06 Advisory training	<ul style="list-style-type: none"> • is able to give an oral advise to a poultry farmer using appropriate advisory techniques • is able to give a farmer specific advise
HAPO07 Poultry Genetics	<ul style="list-style-type: none"> • Is able to analyse a poultry farm productivity and advice farmers about their choice of breed or hybrid. • Is able to predict the effect of breeding decisions • Is able to explain the application of genomic selection • Is able to calculate the heritability of traits and reliability of breeding values • Is able to explain the effects of inbreeding and cross breeding
HAPO08 Current Issues	<ul style="list-style-type: none"> • is able to explain recent global developments in the poultry sector • is able to discuss current issues in the poultry sector with stakeholders • is able to judge the feasibility of innovations in the poultry sector
Aeres competencies:	
To cooperate, To present, to research, to innovate, to organise, to enterprise, to endorse sustainable behaviour	
Final Qualifications:	
<ul style="list-style-type: none"> • To analyse and optimise a livestock farm in relation to the environment of the farm • To acquire projects and give advice • To design and execute applied research • To inform specific target groups in an interactive way • To show corporate social responsibility and introspect 	

2.3. Advisor Pig Production (HAPI)

Advisor Pig Production (HAPI)			
Advisor Pig Production			
Coördinator:	J. Tempert (TEJ)	Credits:	13

Module elements	EC	Name	Exam	Period	Literature
HAPI01	4	Assessment and learning tasks	Assessment	2	<ul style="list-style-type: none"> Learning guide + info blackboard
HAPI02	2	Pig Genetics	Written exam	2	<ul style="list-style-type: none">
HAPI03	2	Pig Nutrition	Written exam	1	<ul style="list-style-type: none">
HAPI04	2	Pig Health	Written exam	1	<ul style="list-style-type: none">
HAPI05	2	Current issues	Written exam	2	<ul style="list-style-type: none">
HAPI06	1	Advisory training	Training	1	<ul style="list-style-type: none">

Practical training at University farm related to different module elements (02-05)

Entrance requirements	Basic knowledge about pig production and management
Professional task	In this module the student will learn how to act as a consultant or adviser. This includes communication with farmers, gathering data, analysing data and formulation of advices that are consistent with the objectives of the farmer. The student will write an advisory report and present this in an advisory meeting to the farmer.
Role:	Advisor/consultant
Methods:	Learning tasks, classes, practical training and farm visits
Fields of expertise	Objectives (the student):
HAPI01 Learning tasks and assessment	<ul style="list-style-type: none"> Is able to develop a quick-scan and advisory report Is able to give a written and oral advice about tactical management.
HAPI02 Pig Genetics	<ul style="list-style-type: none"> Is able to analyse a pig farm and advice farmers about their genetic plans Is able to predict the effect of breeding decisions Is able to explain the application of genomic selection Is able to calculate the heritability of traits and reliability of breeding values Is able to explain the effects of inbreeding and cross breeding
HAPI03 Pig Nutrition	<ul style="list-style-type: none"> Is able to analyse a pig farm and advice farmers about animal nutrition Is able to explain the relation between feedstuffs and digestibility, feed intake, animal health and production Is able to explain the metabolic transition from feed into animal products Is able to evaluate feed stuffs and their nutritional value related to utilization by the animal Is able to critically analyse the ration of different animal categories Is able to explain relation between animal nutrition and nutrition related diseases
HAPI04 Pig Health	<ul style="list-style-type: none"> Is able to analyse a pig farm on factors responsible for the occurrence of farm related diseases and advice on preventive measures. Is able to analyse a pig farm on factors responsible for the occurrence of infectious and parasitic diseases and advice on preventive measures. Is able to explain the mechanism of antibiotic resistance and advice on measures to reduce the use of antibiotics
HAPI05 Current Issues	<ul style="list-style-type: none"> is able to explain recent global developments in the pig sector is able to discuss current issues in the pig sector with stakeholders is able to judge the feasibility of innovations in the pig sector
HAPI06 Advisory training	<ul style="list-style-type: none"> is able to give an oral advise to a pig farmer using appropriate advisory techniques is able to give a farmer specific advise
Aeres competencies:	To cooperate, To present, to research, to innovate, to organise, to enterprise, to endorse sustainable behaviour
Final Qualifications:	<ul style="list-style-type: none"> To analyse and optimise a livestock farm in relation to the environment of the farm To acquire projects and give advice To design and execute applied research To inform specific target groups in an interactive way To show corporate social responsibility and introspect

2.4. International Entrepreneurship (AIES)

International Entrepreneurship (AIES)			
International Entrepreneurship (for international students only)			
Coordinator:	Albert Canrinus	Credits:	13

Module elements	EC	Name	Exam	Period	Literature
AIES01	4	Business plan and oral advice during consultancy meeting	Assessment	1+2	<ul style="list-style-type: none"> Learning guide + ppt+ info blackboard
AIES02	2	Farm economics	Exam	1	<ul style="list-style-type: none"> Brouwers, M.P. & W. Koetzier; The basics of financial management Noordhoff, Third edition, 2015 ISBN10: 9789001839147
AIES03	1	Strategic management	Assignment	2	Info teacher / ppt / blackboard
AIES04	2	Marketing and Sales training	Assignment	1	<ul style="list-style-type: none"> Blythe, J.; Essentials of marketing, 5th edition, 2012 ISBN 9780273757689
AIES05	2	World agricultural policy	Exam	2	<ul style="list-style-type: none"> McCormick, J.: Understanding the European Union, 2017. ISBN 9781137607751
AIES06	1	Human Resource Management	Assignment	2	<ul style="list-style-type: none"> Info teacher / ppt / blackboard
AIES07	1	International Livestock production	Assignment	1	<ul style="list-style-type: none"> Info teacher / ppt / blackboard

Entrance requirements	Basic knowledge about dairy production and management
Professional task	<p>In this module the student:</p> <ul style="list-style-type: none"> will learn how to act as an adviser or entrepreneur in an international environment. Will develop and write a marketing plan and execute a sales talk Will write a strategic advisory report (business plan) and present this in an advisory meeting to the farmer (part 2). <p>This includes professional communication with farmers, gathering and analysing data and formulate advice which are consistent with the objectives of the farmer.</p>
Role:	Advisor/Entrepreneur/Account manager
Methods:	assignments, classes, practical training and farm visits
Fields of expertise	Objectives (the student):
AIES01	<ul style="list-style-type: none"> Is able to analyse financial and technical data of a dairy farm out of actual year reports Is able to develop a strategic business plan Is able to give a written and oral advice about strategical farm management.
AIES02 Farm economics	<ul style="list-style-type: none"> Is able to read a financial year report of a farm Is able to analyse the financial situation of a livestock production farm. Is able to advise farmers about farm development based on key process indicators (KPI)
AIES03 Strategic management	<ul style="list-style-type: none"> Is able to develop a sector vision based on found historic developments and using appropriate strategic analyse techniques
AIES04 Marketing and Sales training	<ul style="list-style-type: none"> Is able to write a marketing plan and perform a sales talk

AIES05 EU-Agricultural policy	<ul style="list-style-type: none"> Is able to use knowledge about EU-agricultural policy in the planning of mid and long term farm development
AIES06 Human resource management	<ul style="list-style-type: none"> Is able to plan and manage human resources on animal production farms
AIES07 International Livestock production	<ul style="list-style-type: none"> Is able to analyse and explain worldwide developments in the livestock production sector
Aeres competencies	
To show leadership capabilities, to cooperate, to present, to innovate, to organise, to enterprise, to endorse sustainable behaviour, to appreciate the global perspective	
Final Qualifications:	
<ul style="list-style-type: none"> To analyse and optimise a dairy farm in relation to the actual environmental and social developments To overview the international dairy sector To develop a strategic business plan To develop products and services and find markets for these products and services To translate and apply actual legislation and political developments into the farm management and strategy To inform and give advice to farmers and specific target groups in an interactive way To manage dairy processes and people in the agricultural production sector To show corporate social responsibility and introspect 	

2.5. Personal Development (APL4i)

Personal development (APL4i)					
Coordinator:		Wieke van der Vliis (VLW)		credits:	
				3	
Module elements	EC	Name	Exam	Period	Literature
APL4i01	1	Managing competences	Report	4	Syllabus APL4i
APL4i02	2	Ethics	Class discussions & assignments	2	<ul style="list-style-type: none"> Syllabus APL4i
			Final report	2	
Entrance requirements:		To enter the 4 th year students should have obtained 170 ECTS credits at least, from the first three years of their studies and completed all of the personal development modules from year 1 to 3.			
Professional task:		Personal Development and self-reflection			
Role:		Junior professional			
Methods:		Training, class discussions, individual assignments.			
Fields of expertise:		Learning objectives (the student):			
Personal development		<ul style="list-style-type: none"> Reflects constantly on his or her own personal- and competency development, part of the lifelong learning paradigm. 			
Ethics		<ul style="list-style-type: none"> The student shows he or she is able to formulate an opinion on important and current aspects of the professional work environment, based on own experience and norms and values or that of others, while he or she is able to separate opinion from facts. The student shows that he or she can and is willing to openly discuss and exchange ideas with others on these kinds of topics. 			
Aeres competencies:					
<ul style="list-style-type: none"> To introspect: 8 out of 10 Aeres competencies must be at level 3 (highest level). Assessed by means of final report and meeting in which students show examples of situations where they worked on improving their competencies. The examples given are based on the goals students set at the beginning of the year and halfway through the third and fourth year. The examples are given using the STARR method and goals are formulated according to the SMART method. 					
Final qualifications:					

- Management and development of own professional and personal attitude and skills
- Effective cooperation and communication in a multi-disciplinary, intercultural environment.

2.6. Courses Angers (HEAN)

Courses Angers (HEAN)			
Coördinator:	Justine Defois J. Tempert (TEJ)	credits:	23

Module elements	ECTS	Name	Mode of Exam	Exam in Period	Literature
HEAN01	7	Project management	n.a.	June 2019 (Angers)	Information by Angers
HEAN02	9	Agricultural Advice	n.a.	June 2019 (Angers)	Information by Angers
HEAN03	7	Production Management & Technology	n.a.	June 2019 (Angers)	Information by Angers

marks delivered by Groupe ESA

Entrance requirements:	n.a.
Professional task:	Being an advisor Executing practical research Being a specialist
Role:	Advisor, researcher, specialist
Methods:	Lectures, practical training, project work
Fields of expertise:	Learning objectives (the student):
	<ul style="list-style-type: none"> • Information by Angers
Aeres competencies:	
	<ul style="list-style-type: none"> • N.A.
Final qualifications:	
	<ul style="list-style-type: none"> • N.A.

2.7. Company Placement (AECPL)

Company Placement (AECPL)					
Company Placement					
Coordinator:	J. Tempert (TEJ)	Credits:			20
Module elements	ECTS	Name	Mode of Exam	Exam in Period	Literature
AECPL01	20	Company Placement	report	2 (of 2019-2020)	Company Placement Manual (available on Blackboard)
Entrance requirements:	First semester and first part of second semester of current Aeres educational year.				
Professional task:	The company placement period is adapted to the chosen profile of the students, in this case management in the agrifood chain, (agri)business consultancy or research institutes. The activities as performed by the student during the company placement are in line with the chosen study programme. In the placement the student is expected to operate as a young professional within a job profile that matches the programme the student is in.				

Role:	Advisor, entrepreneur, researcher, junior project manager
Methods:	Depending on the type of placement
Fields of expertise:	Learning objectives (the student):
	<ul style="list-style-type: none"> obtains insight into the operational practice of the placement company, and into the place of the company in its environment. carries out a practical assignment, in a self-responsible manner. This implies that placement coaching by the company will have the characteristics of general supervision. effectively applies current methods of research methodology and interpretation techniques. obtains insight into relevant professional activities and the accompanying requirements for Higher Education graduates, as formulated by the company and its environment. 'Relevant' means relevant to the course of which the placement is a part. demonstrates that he/she is proficient in a number of professional skills and competencies, as required in the course programme the student can adapt or reformulate study goals on the basis of experiences in the training period. The student conforms to these individual learning goals, set either in advance or during the training period
Assessment:	<ol style="list-style-type: none"> Assessment by the training company (company coach) as an indicator Assessment by the Professional University (university coach), based on: <ul style="list-style-type: none"> the in-company days the three weekly reports the final placement report
Aeres competencies: To be chosen by the student	
Final qualifications: Free, depending on the assignment	

2.8. Thesis (AETHS)

Thesis (AETHS)					
Coordinator:	J. Tempert (TEJ)			Credits:	10
Module elements	ECTS	Name	Mode of Exam	Exam in Period	Literature
AETHS01	10	Thesis	Thesis report	2	<p>Kumar, R. (2014). <i>Research methodology a step by step guide</i>.</p> <p>http://www.sociology.kpi.ua/wp-content/uploads/2014/06/Ranjit_Kumar-Research_Methodology_A_Step-by-Step_G.pdf</p> <p>Jong, de, J., (2017). <i>Effective strategies for academic writing, the road towards essay, paper or thesis</i>. Bussum: Coutinho. ISBN 9789046905050</p> <p>Baarda, B. (2010)- research, this is it! Noordhoff uitgevers ISBN 9789001790264</p>
Entrance requirements:	Three years of study and/or relevant Bachelor for the specific programme				
Professional task:	<ul style="list-style-type: none"> Executing a practical research Writing a report (final thesis) Organising and presenting a seminar 				
Role:	Researcher				
Methods:	Depending on the practical research				
Fields of expertise:	Learning objectives (the student is able to):				

Research methods and techniques	<ul style="list-style-type: none"> • formulate and demarcate a research problem well; • identify a target group for which the research is relevant, and for which the outcome will apply; • formulate the main research question and related sub-questions; • design the research methodology that fits best with the research question(s); • synthesise previously acquired knowledge with new findings, or the adaptation of such knowledge to specific conditions; • demonstrate the applicability of the results, varying from conformity to scientific publication standards in the case of scientifically oriented projects, to practicality in the case of professionally oriented subjects; • formulate conclusions and recommendations for the selected target group; • write a research report conform the rules for report writing; • orally present the results of his/her research in a structured and engaging manner and is able to adequately react in the discussion.
Assessment	Thesis and seminar
Aeres competencies: To be chosen by the student	
Final qualifications: Free, depending on the practical research	

Klik hier als u tekst wilt invoeren.

3. Examination and Assessment Regulations 2018-2019

The current course regulations are in conformity with the *Examenregeling Aeres UAS Dronten* and they represent the distinguishing features of the international courses at Aeres UAS. All courses comply with the key study and qualification objectives of the curricula from which they stem. These qualifications are assumed in the courses, and the learning objectives presented here are only the specific ones, not what is Bachelor generic.

The course regulations are published online. Use the following link to find the regulations:
<https://www.aereshogeschool.nl/over-aeres-hogeschool/publieke-verantwoording/onderwijs-en-examenregeling>.