

International Wildlife Management

Minor code	LDM3IOVE			
Education cycle	1 st cycle (bachelor)			
Mode of delivery	Fulltime, on location at HVHL Leeuwarden and on research sites in the Netherlands and Spain			
Study programme	Animal Management			
Part of study year	Year 3			
Location	Leeuwarden			
Semester	Spring semester; terms 3 and 4			
Number of credits (ECTS)	30			
Language of instruction	English			
Target group	<p>Van Hall Larenstein students, Erasmus+ students, external students</p> <p>Students must have followed the major Wildlife Management or have accomplished comparable trajectories such as the first 2½ years of International Coastal Zone Management, Forest & Nature Conservation, Environmental Sciences, Applied Biology etc., either at HVHL or another university of applied sciences.</p> <p>Capacity is a maximum of 36 students, of which a maximum of 6 KOM/Erasmus students. In case of a waiting list, acceptance into the minor is based on enrollment date.</p> <p>TAKE NOTICE: <u>You may be asked to pay the contribution for the study trip in full before the start of the minor to secure your place.</u></p>			
Minor co-ordinator and contact person	Marjolein van Dieren, marjolein.vandieren@hvhl.nl			
Entry requirements and prerequisites	In addition to the information under 'target group': Sufficient ecological knowledge and data analysis skills in using SPSS and GIS are required. The study unit coordinator may require an entry exam.			
Application procedure	View Exchange possibilities			
Major study units	Term of assessment	Study unit code	Name of the study unit	ECTS
	Term 3	TOETS-01	Student lecture	6
	Term 3	TOETS-02	Research proposal	3
	Term 4	TOETS-03	Web-based application	3
	Term 4	TOETS-04	Research report	12
	Term 4	TOETS-05	Presentation - content	3
	Term 4	TOETS-06	Presentation – presentation skills	3
Content	<p>This minor presents students with an up-to-date overview of current issues, techniques and policies in international wildlife management and biodiversity conservation, with a strong focus on applied research as a means to aid wildlife management and achieve conservation:</p> <ul style="list-style-type: none"> You will experience how wildlife management & conservation projects are embedded in international policy, ranging from local, regional to national and international levels. Using this experience, you will collect information on an international conservation topic 			

	<p>of your own choice and disseminate this knowledge in pairs during the student lectures.</p> <ul style="list-style-type: none"> You will participate in a two-week field research in the Spanish Pyrenees. You will set up (design) an applied wildlife management research project with and for a real commissioner, and - during the entire second half of the minor - execute this research yourself, in a small group. You will communicate about the findings of your research through a report, through a web-based application and through presentations at a symposium, organized by you and your fellow students. <p>The minor will:</p> <ul style="list-style-type: none"> Start with +/- two months advanced education, consisting of lectures, workshops and a considerable amount of tailor-made blocks for self-study to set up your own student lecture and your research proposal as commissioned by a VHL reader (lector) or other stakeholder such as zoos, provinces, NGOs etc. The first half of May we will go on a two-week field study trip to the Spanish Pyrenees. Here we will be introduced to the management of a small mountain area and carry out research on the impacts of rewilding, from the riverine forest at the bottom, to the forests and alps in the highest regions of the mountains. This will be followed by +/- two months applied (field and desktop) research based on the research proposal as designed by the students themselves, carried out in cooperation with the readerships and other stakeholders. <p>TAKE NOTICE: Although the focus of this minor is international, most of the research projects include field work and are hence local / national.</p> <p>TAKE NOTICE: <u>The international study trip is compulsory and to be financed by the students themselves.</u> The student's contribution is approximately €700,- but is dependent on current rates for transport / food / accommodation etc.</p>
Competences	<p>This minor links with the following competences of the study Animal management:</p> <ul style="list-style-type: none"> Application of professional knowledge (Vakinhoudelijk handelen) Investigative ability (Onderzoekend vermogen) Communicative ability (Communicatief vermogen)
Learning goals	<p>The student will be able to:</p> <ul style="list-style-type: none"> Collect (scientific, professional) ecological and socio-economic information on an international topic and can combine this information in a coherent manner, thereby also incorporating the implementation of international policies and funding in applied wildlife management and research practices. Set up and execute knowledge dissemination at a correct level for the target audience. Design an applied research project in accordance with the commissioner's (client) requests. Contribute to management of wildlife and biodiversity through executing applied research.
Added value	<p>This minor presents students with an up-to-date overview of current issues, techniques and policies in international wildlife management and biodiversity conservation. The minor places a strong emphasis on 'Do It Yourself' and expects students to design and execute an applied research project in a professional manner for external commissioners, equipping students with relevant knowledge, skills and attitudes for their fourth-year thesis projects.</p>
Mandatory literature	<p>Mandatory for all:</p> <ul style="list-style-type: none"> The manual for the Spain expedition, which will be made available online (Moodle)

Strongly recommended for students who haven't followed the major Wildlife Management:

- Hill, D., Fasham, M., Tucker, G., Shewry, M. & Shaw, P. (2005) *Handbook of biodiversity methods: Survey, evaluation and monitoring*. Cambridge University Press. E-book: free download via VHL library:
<https://ebookcentral.proquest.com/lib/vtenl/detail.action?docID=237586>
- Sher, A (2022). *An introduction to Conservation Biology* (3rd ed), Sinauer Associates.

Recommended for all:

- Hilbers, D, & Woutersen, K. (2016). *The Crossbill guide to the Spanish Pyrenees*, KNNV uitgeverij. Available via <https://knnvuitgeverij.nl/artikel/crossbill-guide-spanish-pyrenees.html>

Recommended as background reading for all:

- Mateo, R., Arroyo, B., & Garcia, J.T. (Eds.) (2016). *Current Trends in Wildlife Research*. Springer International Publishing

Teaching methods and student workload	Total student workload 840 hours (=30 ECTS) Teaching methods include <ul style="list-style-type: none">• Lectures• Practical exercises• Tutoring including feedback• Excursions• Field work
Assessment	See under 'major study units'. Please note that no separate ECTS are given; all assessments need to be completed with a pass or minimum of 5.5 to be allocated the 30 ETCS.
Evaluation scale	Grades between: 1-10; 0,1 interval; 5,5 pass View ECTS credits and grading