

Veterinary Faculty



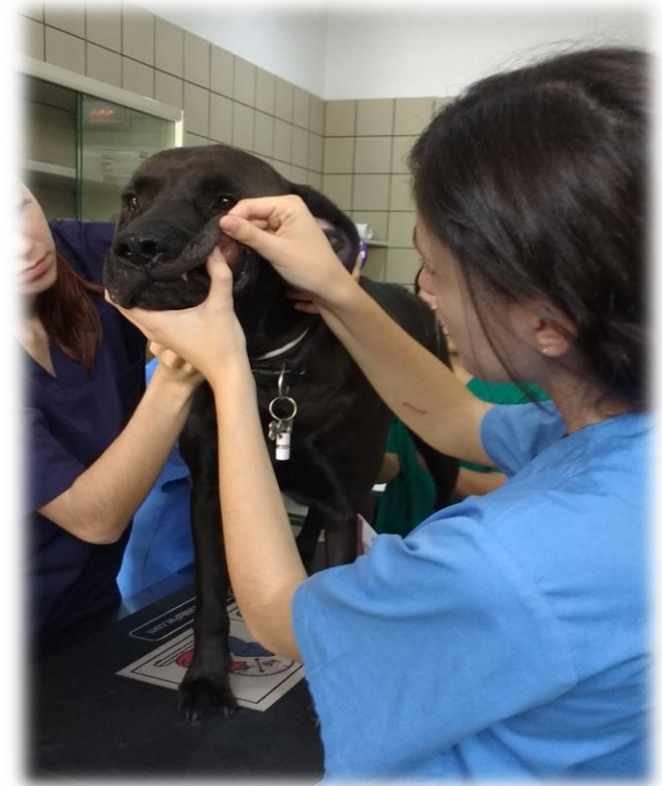
Department of Animal Health

Head of Department:
Prof. Dr. Ana Doménech

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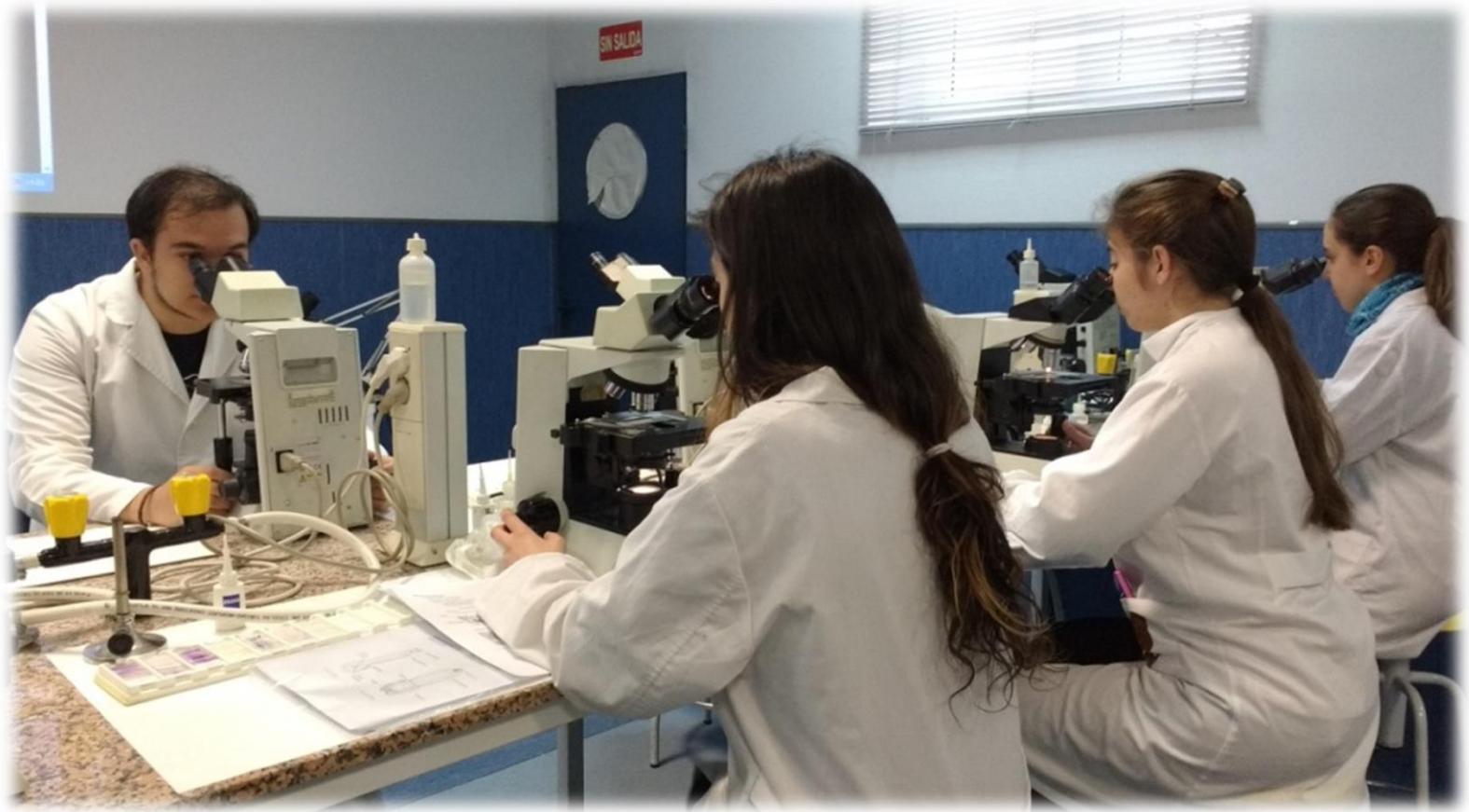
STAFF

ACADEMIC	Full Time	43	52
	Part Time	9	
RESEARCH	Contracted postdocs	8	25
	PhD Students with fellowships	17	
SUPPORT	Teaching	4	10
	Administration	1	
	Research	5	
		TOTAL	87

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Teaching activity



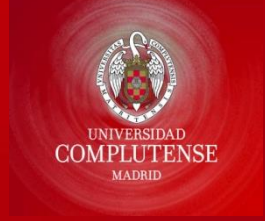
CURRICULUM SUBJECTS

Subject	Year	ECTS
Epidemiology	1	3
Parasitology	2	5
Microbiology and immunology	2	11
Infectious diseases (Medicine and surgery)	4	12
Parasitic diseases (Medicine and surgery)	4	9
Preventive medicine, animal health policy, zoonoses and public health	5	8

CURRICULUM SUBJECTS

Subject	Year	ECTS
Clinical veterinary practicum (Clinical rotation): - Activities in VTH: <ul style="list-style-type: none">▪ Infectious and Parasitic diseases service▪ Microbiology and Parasitology Diagnostic Laboratory - Herd Health Extra mural activities: <ul style="list-style-type: none">▪ Visit different farms (cattle, small ruminants, poultry, swine and horses) for Preventive Medicine and Herd Medicine training	5	3 (15)

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Infectious and Parasitic Diseases Service

Visit to pig farm



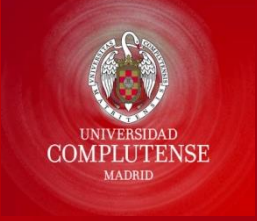
ELECTIVE/OPTIONAL SUBJECTS

Subject	Year	ECTS
Aquaculture and fish diseases	5	3
Clinical diagnosis by laboratory (Laboratory diagnosis)	5	3
Veterinary sciences and the environment	5	3
Laboratory animals	5	3
History, documents and theory of Veterinary Medicine	5	3

Others related with teaching activity

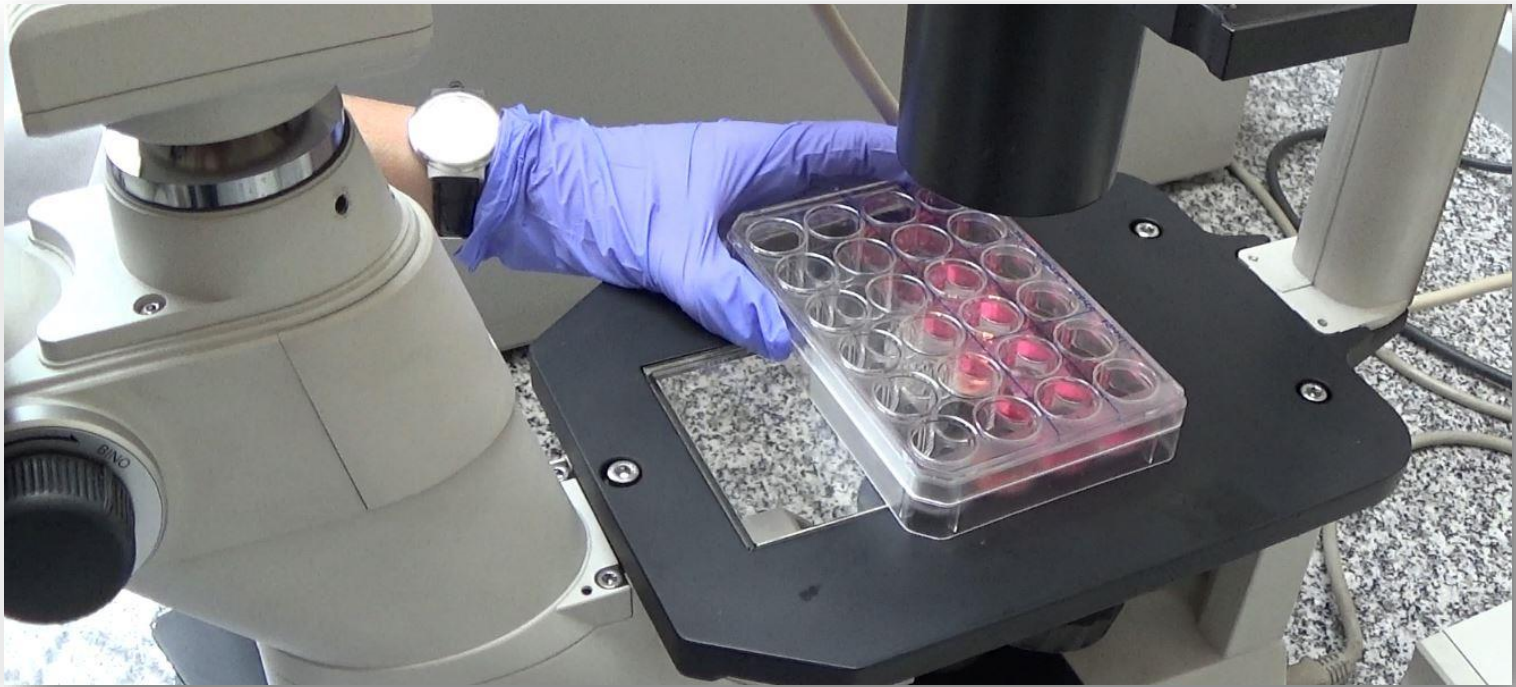
- Official Master's Degrees:
 - MSc in Research in Veterinary Science (UCM)
 - MSc in Virology (UCM, SEV)
 - MSc in Animal Health and Production (UCM, UPM)
 - Msc in Swine Health and Production (UCM, UNIZAR, U. Lleida)
- Post graduate UCM specialist course:
 - Honey Bee Health and Production

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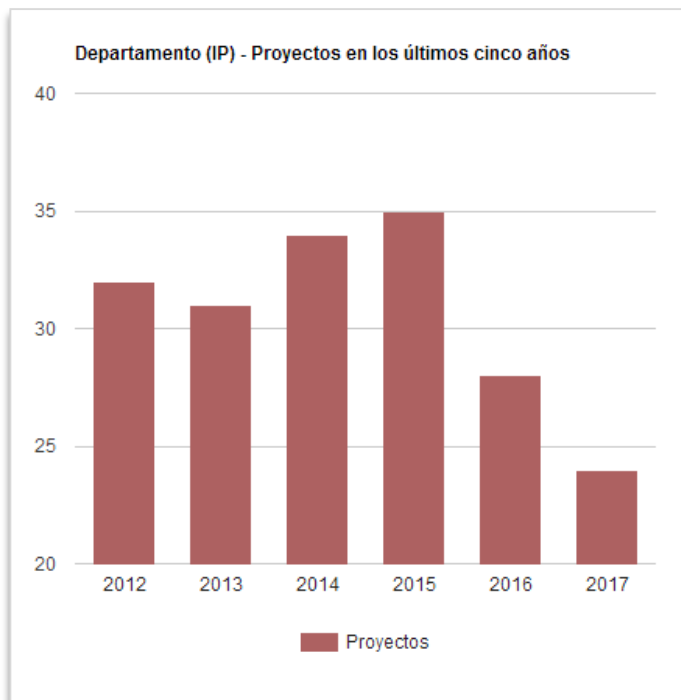
Honey Bee Health and Production
(Post graduate UCM specialist course)

Research



RESEARCH Results

69 research projects (PI)



400 published papers



RESEARCH Results






Year	Communications: congresses and courses
2013	166
2014	320
2015	284
2016	No data available
2017	

- 45 PhD theses (2013-16)
- Graduation theses
 - 25 (2014-16)
 - 27 (projected in 2017)
- 20 Master theses (2013-2016)

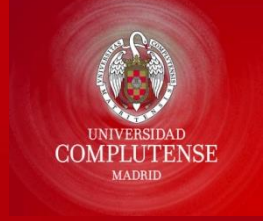
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7 RESEARCH Groups (1)

Name	Activity
COVEMI 	Research in clinical mycology, animal clostridiosis, aquaculture and neurology in pets
Epicontrol 	Research in epidemiological studies, diagnostic and treatment of parasitic diseases in animals including honey bees.
InMiVet 	Research in new vaccination and therapeutic strategies against <i>Leishmania</i> ; pathogenomic of <i>Staphylococcus aureus</i> ; and characterization of <i>Escherichia coli</i> isolated from ruminants and pigs
ICPVet 	Study, development and transfer of relevant knowledge for the control of parasitic diseases of domestic and wild animals
RETROVET 	Research on animal viruses, especially feline and small animal retroviruses, but also poxviruses. Teachers of the departments of Animal Health, Animal Medicine, and Microbiology III

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7 RESEARCH Groups (2)

Name	Activity
SALUVET 	<p>Research on reproductive transmissible diseases of ruminants and porcine, as well as some food borne zoonoses. SALUVET has more than 25 members from UCM and several associated members from other research centers in Spain and abroad.</p> <p>Spin-off SALUVET-Innova that is actively working in diagnoses and vaccine development of some relevant diseases in livestock</p>
Vigilancia Sanitaria 	VISAVET

Animal facilities (8 boxes)

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Others related with teaching activity

👍 8 excellent UCM professors (2015-16)



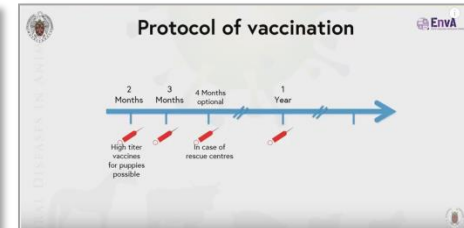
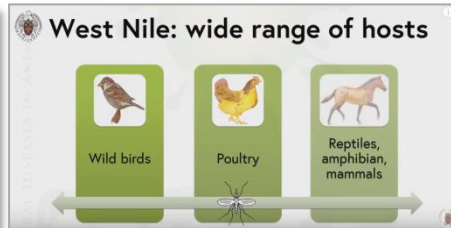
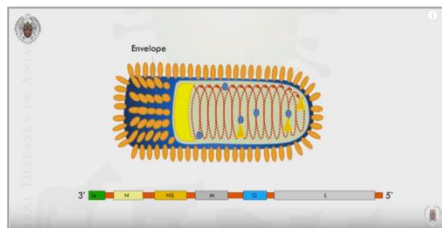
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Others: innovative teaching projects

- **e-learning courses** <https://www.futurelearn.com/courses/animal-viruses>

The screenshot shows the Future Learn website interface. At the top, there are navigation links: 'Categories', 'Courses', 'Programs', and 'Degrees'. The main content area features the course title 'Animal Viruses: Their Transmission and the Diseases They Produce' under the heading 'ONLINE COURSE'. Below the title, a description reads: 'Learn how important animal viruses are transmitted between animals and humans, and understand the diseases they produce.' To the right of the title, there are logos for 'UNIVERSIDAD COMPLUTENSE MADRID' and 'EnvA Ecole nationale vétérinaire d'Alfort'. At the bottom right, a pink button says 'Go to course – started 16 Jan'.



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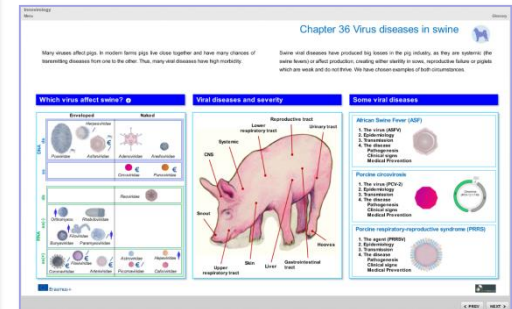
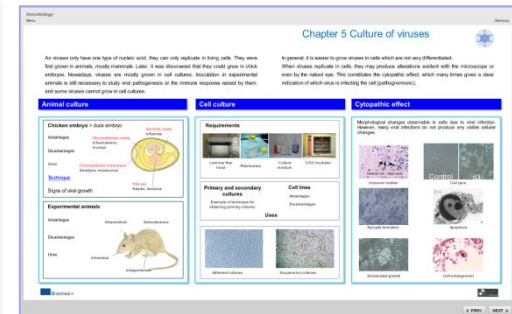


<http://www.innovirology.com/>

Virology an Interactive Guide

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Laura Benítez
M^a del Mar Blanco
M^a Teresa Cutuli
Antonina Dolei
Ana Domenech
Rob Lavigne
Sophie LePoder
Christopher Logue
Dragoslava Radin
Marek Szyndel



Other examples of innovative teaching projects

- CD: practical lessons in a teaching lab, training on sample and analysis of diseases, self-learning about animal diseases
- Cell phone and Computer games for self evaluation and learning immunology and virology
- Simulation exercises to practice contingency plans during disease outbreaks
- Teaching books about immunology and infectious diseases, parasitology and parasitic diseases of different animal species.

THANKS

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