

# LIST OF COURSES

## Faculty of Health

The Faculty of Health includes the Schools of Medicine, Pharmacy, Midwifery and Nursing. It is well known for its leading-edge simulation centre managed in cooperation with the nearby University Hospital. It also offers a large range of training programmes aimed at all health professionals.

Its 300 teachers, researchers and hospital doctors are involved in clinical research, working with patients and state-of-the-art laboratories, including 4 joint units in partnership with the French National Centre for Scientific Research (CNRS) and the French National Institute of Health and Medical Research (INSERM). Their fields of expertise are immunohematology-oncology, vascular & mitochondrial biology and vectorization & therapeutic targeting.

It has a large network of partner universities around the world, allowing international students to take courses and/or complete clinical internships at the Angers University Hospital under Erasmus or other exchange agreements. Every summer the University of Angers welcomes over 100 foreign students for various intensive programmes, including the Research, Vascular and Simulation in Healthcare Summer Schools at the Faculty of Health.



"I would like to thank you for all your invaluable support, for your infinite availability and your tremendous help. I will always be grateful to you. My experience in France has been wonderful and will be fundamental to my future in the field of medicine."

*Samuele,  
Italy*

"Thank you for your help. I found my clinical placement very interesting, and the team was very nice and welcoming. I'm extremely grateful for this."

*Claire-Anaïs,  
Germany*



**3,400** students  
**8.2%**  
international  
students



**4**  
departments



**300**  
teachers,  
researchers and  
hospital doctors



**27** international  
partners



**20**  
different  
nationalities



**4**  
Summer  
Schools



**UA** **FACULTÉ  
DE SANTÉ**  
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## Foundation Year (1<sup>st</sup> year)

### PASS (specific pathway to health studies):

- > Life Sciences
- > Engineering Sciences
- > Humanities & Social Sciences

## Degrees in medical/pharmaceutical/ midwifery sciences (2<sup>nd</sup> to 5<sup>th</sup>/6<sup>th</sup> year)

- > Medicine (2<sup>nd</sup> to 6<sup>th</sup> year)
- > Pharmacy (2<sup>nd</sup> to 6<sup>th</sup> year)
- > Midwifery (2<sup>nd</sup> to 5<sup>th</sup> year)



## List of English-taught courses

The Faculty of Health offers 3 full English-taught programmes.

International students at the Faculty of Health are offered free French courses, orientation sessions, excursions, social activities and cultural events as well as clinical placements at Angers University Hospital for a minimum of 4 weeks.

Field	Course	ECTS	
<b>PHARMACEUTICAL SCIENCES - NANOMEDICINES &amp; PHARMACEUTICAL R&amp;D</b>	<b>NANOPHARMA</b>	<b>60</b>	
	Fall	CMC Regulatory & QbD Approach	5
		Innovation & Applications	4
		Drug Product Design	5
		Characterization Strategy	5
		Non Clinical Strategy	5
		Innovation Project	5
		Personal Development & Occupational Integration	1
	Spring	6-month internship	30
	<b>PHARMACEUTICAL SCIENCES - NANOMEDICINE FOR DRUG DELIVERY*</b>	<b>NANOMED *</b>	<b>60</b>
Fall		CMC Regulatory & QbD Approach	5
		Innovation & Applications	4
		Drug Product Design	5
		Characterization Strategy	5
		Non Clinical Strategy	5
		Innovation Project	5
		Personal Development & Occupational Integration	1
Spring		6-month internship	30
<b>BIOLOGY AND HEALTH - MAN-IMAL FROM ANIMAL TO MAN: ANALYSING AND MANAGING HEALTH AND FOOD RISKS**</b>		<b>MAN-IMAL **</b>	<b>60</b>
	Fall	Epidemiology	3
		Risk & Nutritional Contamination/Transfers	3
		Production Chains	3
		Biological & Chemical Risks	6
		Health Organisation & Policies, Management & Communication	3
		Theme Weeks and Symposium	2
		Applied Tutored Project in a Professional Environment	10
	Spring	6-month internship	30

\* NANOMED (<http://master-nanomed.eu/>) is an Erasmus Mundus Joint Master Degree offered in partnership with the Universities of Paris, Angers, Patras (Greece) and Pavia (Italy). The University of Paris is the Coordinator of the Consortium. Semester 1 (1st Oct to 31st Dec) takes place at the Universities of Patras or Paris. Semester 2 is held at the University of Paris from 1st January to 30th March and at one of the universities of the Consortium from 1st April to 30th June (short internship). Semester 3 (1st Sept to 31st Dec) takes place either at the University of Angers or at the University of Pavia. During semester 4 (1st Jan to 30th July), students will undertake an internship at a university or in a company.

\*\* The MAN-IMAL master's degree (<https://www.oniris-nantes.fr/etudier-a-oniris/les-masters/man-imal/>) is delivered in partnership with Oniris, the Universities of Nantes and Angers and ESA-Angers. Courses take place at Oniris and the University of Nantes.

## Master's degrees

### Biology & Health

- > Pathophysiology and Vascular Pharmacology
- > Signals and Imaging in Biology and Medicine
- > Modelling in Clinical Pharmacology and Epidemiology
- > Man-imal - From Animal to Man: Analysing and Managing Health and Food Risks
- > Cell Interactions and Therapeutic Applications
- > Cellular and Molecular Neurobiology

### Pharmaceutical Sciences

- > Nanomedicines and Pharmaceutical R&D: NANOPHARMA
- > Nanomedicine for Drug Delivery: NANOMED
- > Pharmaceutical Sciences and Hospital Pharmaceutics
- > Polymers and Active Pharmaceutical Ingredients derived from Natural Products
- > Advanced Community Pharmacy Practice