



INFECTIOUS DISEASES
ONE HEALTH

Erasmus Mundus
Joint Masters Degree

2 year • full time

International MSc in Infectious Diseases and One Health

Fully funded scholarships available

www.infectious-diseases-one-health.eu

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Co-funded by the
Erasmus+ Programme
of the European Union

Programme

IDOH (Infectious Diseases and One Health) is a partnership of some of Europe's leading research-intensive universities in the field of infectious diseases and the "one health" concept. The three founding partners are Université de Tours, Universitat Autònoma de Barcelona and the University of Edinburgh.

The IDOH consortium is aiming to offer innovative postgraduate programmes in infectious diseases emphasising the three aspects of the one health concept: humans, animals and the environment. The IDOH MSc programme involves mobility of students among the partners and associate partners.

Fully funded scholarships are available for outstanding students, including those from developing countries



1st
SEMESTER

Université de Tours

Basic Immunology/Statistics

Public Health

Host-Pathogen Interactions

Virulence and Resistance

Immunology and Immunity of Mucosal Surfaces

Biodrugs, Bioinformatics, Development

French Language

2nd
SEMESTER

Universitat Autònoma de Barcelona

Epidemiological Surveillance and Risk Analysis

Major and Endemic Zoonoses

One Health in Emergent Diseases and in Special Situations

One Health in Food Safety

Biosafety and Biosecurity

Spanish Language

3rd
SEMESTER

University of Edinburgh

Bioethics and Animal Welfare

Comparative Animal Models

Laboratory Tools for Bioscience

Bioinformatics and Analysis

4th
SEMESTER

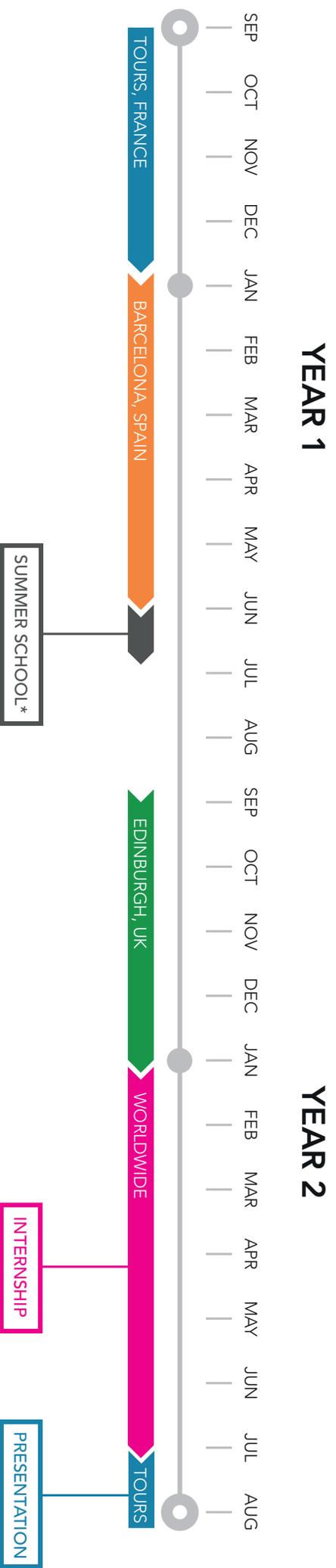
Internship worldwide

Infectious Diseases and One Health

Internships are available at the three academic partners or any of 35 associated partners (academic and industrial) located worldwide.



Programme timeline



*Summer school in 2019 will be held in September.

Université de Tours

The Université de Tours is in the very heart of the city of Tours, located in the Touraine Loire Valley. This area, called "the garden of France", is well known for its vineyard and its historical patrimony (included on the UNESCO list of World Heritage sites). Tours is a human-sized cosmopolitan city offering a lifestyle closely linked to the French gastronomy (registered in the list of intangible cultural heritage of the UNESCO). At 55 minutes from Paris by TGV, Tours has also an airport with regular services to London.

The Université de Tours has built up long-standing expertise and reputation for excellence in infectious diseases, microbiology and immunology, which began notably with Philippe Maupas and the development of the first vaccine against hepatitis B. This expertise is based on a multidisciplinary network, the "Fédération de Recherche en Infectiologie or FéRI", involving 16 research units from universities located in the Centre-Val de Loire region (Tours, Orléans) or in neighboring regions (Poitiers, Angers, Limoges). Technical Research Organisations and the Tours University Hospital (CHU) are also strongly represented in the network through several joint research units. The FéRI is focused on one shared goal: fighting pathogens and infectious diseases they cause.





Universitat Autònoma
de Barcelona

Universitat Autònoma de Barcelona

Universitat Autònoma de Barcelona (UAB) is situated to the north of the historical city of Barcelona, the capital of the Catalonia region. Barcelona sits on the Mediterranean sea and has a history that dates back to Roman times. It has a strong cultural legacy and is well known for the buildings designed by Antoni Gaudí and Lluís Domènech i Montaner, which have been listed as UNESCO world heritage sites. The University is linked to the city by a regular train service and the city has an international airport with easy transport links to the rest of Europe.

UAB holds a leading position in the most prestigious and influential international university rankings. The veterinary school benefits from a very dynamic research environment constituted by numerous research centers devoted to animal health (CRESA-IRTA), biotechnology (IBB, IBEC, etc), and environmental sciences (ICTA) and hospital research units (VHIR, IGTP, etc.) that integrate scientists from the university to cooperate in the research field of zoonotic diseases such as influenza, MERS, tuberculosis.





THE UNIVERSITY
of EDINBURGH

University of Edinburgh

The University of Edinburgh is situated in Edinburgh, the capital of Scotland and one of Europe's great cultural hubs. Regularly voted one of the most desirable places to live in the world, Scotland's capital has a great social and cultural life, a busy sporting calendar and a rich history. Edinburgh is well known for its friendly people, its safe, green environment and its stunning architecture. Edinburgh boasts an excellent local bus system and has an international airport with flights to major European and UK cities.

The Roslin Institute is located within the University's College of Medicine and Veterinary Medicine. It was the leading agricultural research organization in the recent Research Excellence Framework assessment exercise and is one of eight National Institutes of Bioscience in the UK. Well known as the home of Dolly the sheep, the first animal cloned from an adult cell, the Institute now works at the cutting edge of research in transgenic animal models, infectious diseases and developmental biology, focussed on the health and welfare of animals, and applications of basic animal sciences in human and veterinary medicine, the livestock industry and food security.

