The MANIMAL student screening during the application process. The pluridisciplinary balance of the group is assured by the selective
• Consultants and experts
• Researchers
• Health and Nutritional Risk Managers
• Senior level executives and Risk Managers
and local governments.
• Senior Scientists of Evaluation and Health/Nutritional Risk Assessment,
organisations, producer groups, the Chamber of Agriculture.
• Senior Scientists of Evaluation and Health/Nutritional Risk Assessment,
private sector or for public
health risks in France and in Europe.
Ministry of Health and in Agriculture, agencies dedicated to the assessment of
agricultural and food systems.
The ESA Group (The Angers Higher Education Institute of Agriculture):
agricultural and food engineering, and the development of sustainable
agricultural and food systems.
The Faculties of Medicine in Nantes and Angers: human health, nutrition and public health.

... By whom?
This innovative programme has been developed in partnership by:
Oniris, the Nantes-Atlantic National College of Veterinary Medicine,
Food Science and Engineering: animal health, biological and chemical
food safety, veterinary public health and food-processing engineering.

... For whom?
The MANIMAL training programme is intended for:
+ medical
+ pharmaceutical
+ veterinary
+ life sciences
+ food-processing and agricultural

How to apply?

ADMISSION CRITERIA
In order to be eligible for the MANIMAL 2nd-year Master’s, candidates
must have completed at least one year of post-graduate studies (60
ECTS credits) in pharmaceutical or biological sciences, medical and
veterinary studies, in food-processing engineering or agriculture.

APPLICATION PROCEDURE
The application form can be found on the MANIMAL website:
www.man-imal.fr and must be completed online (“Apply now”).
• 1st session: the complete application file must be sent by
21st of March, 2014.
• 2nd session: the complete application file must be sent by
6th of June, 2014.
The MANIMAL 2nd-year Master’s tuition fee is 270 euros .
All students wishing to apply to another programme, in parallel with
the MANIMAL 2nd-year Master’s, must contact their institution of
origin regarding the tuition costs and requirements for the award
of a joint degree.
+ Subject to change according to the annual index.

STUDENT FINANCIAL AID
Grants are available to students with outstanding academic achievements and who are in
need of financial aid. Requests for aid must be completed via the online application form.
You can send your questions about the MANIMAL programme to:
contact@man-imal.fr

www.man-imal.fr/en

2nd-year Master’s... Why?

Background and Objectives
The MANIMAL programme was created in response to a major change in
society. Today, production chains are becoming more and more complex
due to globalisation, industrialisation and the increase in stakeholders
and regulations. Our modes of consumption directly influence the totality
of production systems, from animal nutrition to food preservation and
composition.

It is thus necessary to adopt a comprehensive cross-sector approach, integrating human health, animal health and food production
at a global level.

With this in mind, new professional profiles are needed: agents who are capable of working in transdisciplinary teams in order to tackle
these new public health and food safety stakes which have economic,
environmental and social consequences.

The overall objective of the MANIMAL Master’s programme is to offer veterinary, medical, pharmaceutical, food engineering and biology
students senior executive training. Over the course of one year, students
work together in order to acquire the same shared culture as well as
to share their specific knowledge, in order to respond effectively to
the growing needs and challenges of the health and agri-food sectors.

Examples of possible

Public sector
• Consultants and experts for local governments, decentralised services of the
Ministry of Health and in Agriculture, agencies dedicated to the assessment of
health risks in France and in Europe.
• Senior Scientists in public and parapublic healthcare organisations or for public
health sanitary risk assessment, both nationally and internationally (EFSA, Anses, IHU, OIE, FAO...).
• Health and Nutritional Risk Managers in the national civil service
and local governments.
• Researchers in the fields of zoonosis, human nutrition, animal and human health.

Private sector
• Senior Scientists of Evaluation and Nutritional Risk Assessment, for
agricultural or health organisations, animal husbandry health and quality
organisations, producer groups, the Chamber of Agriculture.
• Consultants et experts in food processing and pharmaceutical sectors, research
and development offices.
• Senior level executives and Risk Managers in food processing, pharmaceutical
and insurance companies.
• Researchers and Executives in the field of R&D.

Professional opportunities

Examples of possible

Public sector
• Consultants and experts for local governments, decentralised services of the
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agricultural or health organisations, animal husbandry health and quality
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and development offices.
• Senior level executives and Risk Managers in food processing, pharmaceutical
and insurance companies.
• Researchers and Executives in the field of R&D.
Organisation of the Programme

The first semester (30 ECTS), from November to March, is dedicated to acquiring theoretical knowledge, tools and methods via five thematic teaching units (TU). It is completed via three cross-disciplinary teaching units allowing for students to develop team work and the skills to identify the complementary partners required for case solving.

Examples of expertise and skills: production and risk management systems, hazard analysis, evaluation and prevention of health and nutritional risks, health crisis resolution.

The second semester, from April to August, is dedicated to the completion of an internship in a professional environment, followed by the completion and defense of a Master’s thesis whose subject is directly related to a MAN-IMAL theme.

Choosing the internship is based upon the professional motivation of each student. Some options include: private businesses, organisations dedicated to risk assessment and management, or complementary training with a recognized research team. The internship may be completed in France or abroad.

Programme takes place in Nantes, FRANCE 2014-2015

NANTES

The programme is supported by the French government via the National Research Agency, under convention ANR-11-IDFI-0003

Evaluation methods

Ongoing evaluations:
> Individual: contribution and foundational knowledge
> Group: case scenario group work and tutored project

Internship evaluation: completion and defense of a thesis.