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ANNI



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



The Food & Health

Master's degree program

Why a Master in Food & Health?

Our Master's degree course has been designed to respond to the growing challenges in the food chain systems - production, processing, and distribution - and citizens' health and nutrition. We are strongly committed to graduate a new qualified professional, able to foresee new market opportunities and to develop innovative food technologies. The new graduate is prepared to raise awareness on nutrition pivotal role for citizen's health.

We believe we are living in times of great transformation.

The transition to sustainable food production and the cultural innovation in society's nutritional behaviors, requires a global system perspective, including different stakeholders' needs and new solutions for the benefits of all.

The new professional will have a strong international and multidisciplinary knowledge with specific skills on food quality and technologies, nutrition and health.

Selections take place yearly.

For more information:



Who is this Master for?

For students seeking to develop a professional career in a crucial and constantly evolving sector;

For students wanting to invest in research-oriented training with the chance to interact with innovative industries and institutions;

For those who value Food & Health's cross collaborations with other institutions, NGOs, and industries;

For those who aim to take advantage of the Master's international network of universities: University of Sydney, Monash University, University of British Columbia, University of California Berkeley, University College London, and Tel Aviv University;

For students who appreciate the great value in being part of an international network of 150+ peers from all over the world working to accomplish the same vision;

For industries looking for professionals who understand the production and distribution systems of the entire food chain, know the interests of involved stakeholders and the effects on citizens' health;

For companies and "nonprofit organizations" eager to get in touch with experts developing long-term plans and strategies on food, food technologies, and behavioral change in the context of public health.

Our program structure

I YEAR	ECTS
FOOD MICROBIOTA, HUMAN MICROBIOME, PLANT BIOACTIVE COMPOUNDS AND FOOD QUALITY	
PLANT BIOACTIVE COMPOUNDS AND FOOD QUALITY (MOD. A)	4
FOOD MICROBIOTA AND HUMAN MICROBIOME (MOD. B)	5
FOOD SCIENCE AND SAFETY*	11
FOOD SAFETY HYGIENE AND MICROBIOLOGY (MOD. A)	5
FOOD CHEMISTRY AND TECHNOLOGY (MOD. B)	6
NUTRITION AND METABOLIC PATHWAYS: FROM CELLS TO ORGANS*	11
ECOLOGY OF FOODBORNE PATHOGENS, FOOD TOXICOLOGY AND ANTIMICROBIAL RESISTANCE	6
MECHANISMS OF TISSUES DISEASES AND HOW ENVIRONMENTAL CLUES ALTER ORGAN FUNCTION	7
SUSTAINABLE RESOURCE-EFFICIENT FOOD PRODUCTION AND PROCESSING	5
GENOMICS OF NUTRITION	6
INTERNATIONAL REGULATIONS FOR FOOD SAFETY, CERTIFICATION AND TRADING	6
COMMUNICATION SKILLS	2

II YEAR	ECTS
QUALITY CONTROL AND DATA ANALYTICS IN FOOD PRODUCTION	5
RESEARCH METHODS IN ECONOMICS: UNDERSTANDING DECISION MAKING AND CONSUMER BEHAVIOR TO PROMOTE HEALTHY CHOICES	8
NUTRITION-RELATED DISEASES	8
HUMAN NUTRITION: SUSTAINABILITY AND MULTIDISCIPLINARY PERSPECTIVE	9
ELECTIVE COURSES	8
MASTER THESIS	30
TOTAL ECTS	120

Throughout the A.Y. additional activities, lectures and seminars with experts and scholars from high rank universities will be offered.

* = Alternative course units to balance student's gap of knowledge resulting from different previous studies (entry levels)

Career opportunities for our students



- Product development and research specialist in the food industry
- Expert in food and nutrition areas of private and public administration
- Food quality and nutrition expert in public health
- Agri-food and nutritional advisory specialist of GDO or food manufacturers
- Food quality and nutritional expert in international organizations
- Independent consultancy practitioner
- Advisory specialist in NGOs, charities and projects concerned with food quality and nutritional issues
- Researcher in food quality, nutrition and health
- Clinical Dietitian Manager
- Health educator
- Food quality and nutrition communication specialist

Designed by Freepik

Come and meet us

Dpt. Land, Environment, Agriculture and Forestry (TESAF)

Viale dell'Università n.16 - 35020 Legnaro (PD)

E-mail: foodandhealth.tesaf@unipd.it

Apply @ <https://www.agrariamedicinaveterinaria.unipd.it/food-and-health>

