



**IDEAS**

INNOVATION DEVELOPMENT  
IN AGRIFOOD SYSTEMS



# INTERNATIONAL MASTER OF SCIENCE



UNIVERSITÀ  
DEGLI STUDI DI BARI  
ALDO MORO



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DI.S.S.P.A DEPARTMENT  
OF SOIL, PLANT AND  
FOOD SCIENCES

**The International Master of Science** (second cycle degree) **in Innovation Development in Agrifood Systems** (IDEAS) traces a new way to imagine products and production processes climate and environment friendly, with a high social value. Innovative and multidisciplinary approaches for managing these dynamic conditions are therefore required.

Students are hosted on an ideal study context thanks to direct and constant interaction with their teachers and to efficient facilities (labs, classrooms, library etc.). Students have the opportunity to take part in exchange and cooperation programs thanks to a number of agreements with international Universities, Research Centers and Private Companies, offering chances for undergraduate and postgraduate traineeships and on-the-job training and guidance, for a better integration into the professional world.

**IDEAS** provides students with an attractive and innovative program aiming at forming the new professional figure of AgriFood Innovation Broker. She/He is an expert developing and transferring the knowledge from the scientific to the business world to innovate the agrifood systems improving primary production and resource use efficiency (more with less) and valorizing the waste biomass and by-products.

# STUDY PROGRAM

The IDEAS course will be addressed to UE and non UE students and will be provided in English.

**Students will acquire a deep knowledge and skills on:**



Low impact and smart cropping management



Digital agriculture for orchard and pest management



New plant breeding strategies;



Technologies for reducing post-harvest losses;



Technologies to manage, use and recycle biomass for producing new food, alternative amendments, biofuels and added value materials.

**The IDEAS teaching programs are focused on three main fields,** deeply interconnected and crucial for building skills and knowledge of the new professional figure:



Innovative techniques for low input production in agrifood systems



Innovative techniques for waste reduction and biomass recycling



Business promotion and cross competencies

## EMPLOYABILITY

Thanks to the specific skill to bridge the scientific and the business world, the **AgriFood Innovation Broker could operate in the private as well as in the public sector like:**

- Freelance job
- Companies working in biomass recycling
- Smart-companies working with Decision support systems (DSS) and sensors
- Bio-pharmaceutical companies
- Biorefineries and green chemistry industries
- Agriculture consortium
- Large retailers
- Seed and Nursery Companies
- Public and private research
- Public administration
- EU agencies

# ABOUT IDEAS



## Name:

Innovation Development in Agrifood Systems (**IDEAS**)



## Type of course:

International Master of Science degree (second cycle degree). Following the Italian rule, IDEAS belongs to the Agricultural class, degree class LM-69  
**Free access**



## Language:

Classes will be taught in English



## ECTS credits:

120



## Application deadline:

July 15th to November 30th 2020. **Additional calls may be open after**



## Start of the study program:

October 5<sup>th</sup> 2020



## Duration of the course:

2 years (4 semesters)



## Course location:

The IDEAS course is located at Agricultural Building of the Soil, Plant and Food Sciences Department (DiSSPA) in the University of Bari Aldo Moro, Campus Ernesto Quagliariello, **Amendola street 165/a, 70126, Bari - Italy**



## Fees:

Several opportunities are designed to provide financial support to students of University of Bari Aldo Moro, including tax benefits, scholarships and study and degree awards, extraordinary grants and exemptions.



## Admission requirements:

- The applicants need a first degree (Bachelor) or a recognized foreign qualification usually equal to a 3-year full-time undergraduate (180 ECTS). The Bachelor degree will be subject to ad hoc evaluation by specific Committee.
- The applicants need at least 24 ECTS in several fundamental academic disciplines or acquisition of them according to didactic regulation.
- Positive outcome at the test for personal knowledge assessment is required if the certified degree mark is lower than 89/110 or equivalent.
- Non-native English applicants must possess at least a B2 level in English, according to the Common European Framework of Reference for Languages (CEFR). Students lacking the certification will prove their preparation answering at a multiple choice English grammar test.



## Teaching strategy:

The expected learning outcomes are achieved through the attendance of lectures in person and on-line, seminars, laboratory and technical-practical activities (on lab, experimental field, farm, company), discussion of case studies, use of the problem solving

approach, supported by individual study and tutoring activity. The Master Degree program provides 11 didactic activities, among which some are compulsory and others chosen by students. At least four exam sessions are scheduled during the academic year.

**UniBA guarantees to all candidates that courses will start as planned in Fall 2020. The University of Bari is working on a plan to ensure that teaching will continue to take place. A mixture of simultaneous online and in-presence classes will probably be the formula for the winter semester.**

## USEFUL INFORMATION:



**IDEAS website**



**Foreign students**



**Procedures for students requiring Visas**



**Scholarships for international students**



**Agency for the Right to University Studies**



**IDEAS**  
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Horacio



**IDEAS**  
website

**Contact:**

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