# ANNEX A

## PhD COURSE IN

**ASTIS - ENVIRONMENT, SUSTAINABILITY, TERRITORY & SECURITY -
XXXIX CYCLE**

academic year 2023/2024

### Coordinator

Prof. Luca Grilli (PO) - SECS-S/06 - University of Foggia

### Scientific and disciplinary sectors

| SECS-S/06; ING-IND/10; SECS-P/13; CHIM/01; M-GGR/02; AGR/15; ICAR/09; IUS/01; SECS-S/01; SPS/02; ING-IND/11; ING-INF/05; M-PED/03; MAT/05; MAT/06; MAT/08; MAT/09; INF/01; FIS/02; FIS/06; FIS/07; MED/01; ING-IND/35; ING-INF/06; ING-INF/04; ING-INF/03; SECS-S/02; SECS-S/03; SECS-S/05; SECS-P/01; SECS-P/02; SECS-P/05; SECS-P/06 |

### Administrative headquarters:

DEPARTMENT OF ECONOMICS, MANAGEMENT AND TERRITORY

### Length:

3 years

### Curriculum

NO

### TOTAL NUMBER OF POSITIONS AVAILABLE: n. 12

**N. 9 POSITIONS WITH SCHOLARSHIP** of which:

- n. 1 position through scholarship granted by D.M. 118/2023 PNRR 3.4 Digital and environmental transitions
- n. 1 position through scholarship granted by D.M. 118/2023 PNRR 4.1 PNRR Research
- n. 1 position through scholarship granted by D.M. 118/2023 PNRR 4.1 Public Administration
- n. 5 positions through scholarship granted by D.M. 117/2023 PNRR cofunded by the Enterprises
- n. 1 position through scholarship granted by CNR -Consiglio Nazionale delle Ricerche - IRSA

**N. 3 POSITIONS WITHOUT SCHOLARSHIP**

### COURSE DESCRIPTION

PROGRAM, OBJECTIVES AND CONSISTENCY WITH THE PNRR persuant to the DD.MM.
nos. 117/2023 and 118/2023

[https://www.unifg.it/en/node/3007](https://www.unifg.it/en/node/3007)

### SCHOLARSHIPS

**n. 1 SCHOLARSHIP** granted by

**DM 117/2023 PNRR** co-funded by **Rosso Gargano S.C.A.P.A.**

**Topic:** Recovery of by-products from the agro-food industry
**Activity description:** Optimization of a production process for the valorisation of by-products of the agri-food industry through the fortification of foods and/or the extension of their shelf life.

*n. 1 SCHOLARSHIPS granted by*  
DM 117/2023 PNRR co-funded by **Semidaunia S.r.l.**

**Tematica:** Commodities

**Activity description:** Intelligent decision support models in financial activities related to strategic commodities for the company.

*n. 1 SCHOLARSHIP granted by*  
DM 117/2023 PNRR co-funded by **Finservice S.p.A.**

**Topic:** Telemedicine - Diagnostic support in the health sector  
**Activity description:** Telemedicine, with particular reference to the applications of modern Machine and Deep Learning techniques to support the doctor's decision-making.

*n. 1 SCHOLARSHIP granted by*  
DM 117/2023 PNRR co-funded by **Atisale S.p.A.**

**Topic:** Quality and safety of sea salt  
**Activity description:** Enhancement of sea salt in terms of safety and organoleptic and nutritional qualities.

*n. 1 SCHOLARSHIP granted by*  
DM 117/2023 PNRR co-funded by **Camera di Commercio, Industria, Artigianato e Agricoltura - Foggia**

**Topic:** Digital Transition and Innovation  
**Activity description:** Fostering the double transition, digital and green, and the creation of innovation ecosystems.

*n. 1 SCHOLARSHIP granted by*  
**CNR - Consiglio Nazionale delle Ricerche - Istituto di Ricerca sulle Acque**

**Topic:** Development of integrated models for the sustainable management of specific value chains for the reduction of impacts on biodiversity.  
**Activity description:** Implementation of methodologies based on Life Cycle Assessment on specific value chains, for the evaluation of the impacts of the various processes on biodiversity loss.
ADMISSION PROCEDURES

The selection will be based on the assessment of qualifications, research project (according to the Format 1/A) and oral exam.

During the oral exam, the research project presented by the candidate at the time of the application will also be discussed and the knowledge of the English language will be ascertained.

The assessment will take place pursuant to art. no. 6 and 7 of the Call. Foreign candidates can choose to take the admission test in English.

ADMISSION TEST CALENDAR AND VENUE

Mode: online
Oral test from: 11 September 2023 (the timetable will based on the number of applications received)

More details about the link for oral test will be published on the PhD webpage:

https://www.unifg.it/en/node/2972

Other useful information

For all useful information, please consult the University website at:

https://www.unifg.it/en/node/2972

Useful contacts

<table>
<thead>
<tr>
<th>Educational/scientific contact person</th>
<th>Prof. Luca Grilli</th>
</tr>
</thead>
<tbody>
<tr>
<td>email: <a href="mailto:luca.grilli@unifg.it">luca.grilli@unifg.it</a></td>
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<tr>
<th>Administrative contact person:</th>
<th>Dott.ssa Maria Grazia Mariella</th>
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<tr>
<td>email: <a href="mailto:ufficiodottorato@unifg.it">ufficiodottorato@unifg.it</a></td>
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Master's Degree

All Master’s Degrees or the corresponding Postgraduate Degrees or the corresponding Degrees obtained according to the system prior to Ministerial Decree 509/99 or the corresponding equivalent qualifications.