

Why enroll ?

The degree course is aimed at the knowledge of modern methods of detection and management of natural systems. It includes many activities in different fields, such as scientific and applied study on the field as well as internships and apprenticeships to government institutions and laboratories. Lectures and workshops will take place at the Monte Sant'Angelo campus, and different structures will implement the training course:

- Museums and botanical garden for practical experiences;
- CLA University Linguistic Center;
- EU Program Erasmus;
- SINAPSI Academic Center for tutoring;
- computer labs.

Course coordinator

Prof. Domenico Fulgione
fulgione@unina.it

Charles Darwin murals at Department of Biology



Student Administration Office

Via Mezzocannone 16, 1° piano- 80134 Napoli
Centri Comuni Complesso Universitario di Monte S. Angelo
Via Cinthia - 80126 Napoli
segrmmff@unina.it

Useful links

Bachelor Degree in Natural Sciences
<http://www.dipartimentodibiologia.unina.it/corsi-di-laurea/laurea-magistrale-in-scienze-naturali-nuova/>

Department of Biology
<http://www.dipartimentodibiologia.unina.it>

Polytechnic and Basic Science School (SPSB)
www.scuolapsb.unina.it

Referent for orientation

Prof. Valeria Maselli
valeria.maselli@unina.it
orientamento.scienzenaturali@unina.it



@scienzenaturaliunina



UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II
SCUOLA POLITECNICA E DELLE SCIENZE DI BASE

COLLEGIO
DEGLI STUDI DI
SCIENZE



MASTER'S DEGREE
**NATURAL
SCIENCES**

2024/25

TRAINING OBJECTIVES

The MSc degree program in Natural Sciences (LM-60), hinged in the Department of Biology, University of Naples Federico II, aims to create a professional figure capable of operating in the management and conservation of animal and plant communities thanks to a developed identification skill of living species, and an in-depth knowledge of the field methodologies essential for monitoring and collection of samples.

The training course is aimed at providing the scientific basis for reading and understanding ecosystems and all their biotic and abiotic components.

Undergraduates will also be trained in the education and dissemination of Natural Sciences through training activities and internships that can be carried out both in University Federico II structures, and in specialized external institutions such as companies, public facilities, museums, parks, protected areas and natural reserves necessary for the formation of the figure of the



ADMISSION REQUIREMENTS

Students with a Bachelor's Degree in Science and Technology for Nature and Environment or a Bachelor's Degree in Science for Nature and Environment are admitted, without any additional training obligation, to the Master degree's in Natural Sciences of the Polytechnic and Basic Sciences School of the University of Naples Federico II.

All students with a three-year degree from other universities may be admitted, subject to the approval of the Didactic Coordination Commission

PROGRAM OF STUDY

| I YEAR | Common for both curricula | CFU |
|---|---------------------------|-----|
| Animal evolution and phylogeny with laboratory | | 12 |
| Plant evolution and phylogeny with laboratory | | 12 |
| Geomorphology, ecology and landscape evolution with laboratory | | 10 |
| Inferential descriptive statistics with laboratory | | 6 |
| Supplementary and complementary activities * | | 6 |
| English | | 4 |
| II YEAY. Curriculum <u>Management of naturalistic-environmental heritage</u> | | |
| Environmental impact assessment with laboratory | | 6 |
| Geosciences for the environment and the territory with laboratory | | 10 |
| Optional activities* | | 6 |
| Supplementary and complementary activities * | | 12 |
| Internship /stage | | 6 |
| Thesis activity | | 28 |
| II YEAR Curriculum <u>Conservation and Global Change</u> | | |
| Environmental global risk | | 6 |
| Paleobiology of conservation | | 12 |
| Biogeochemical cycles and energetic transition | | 12 |
| Optional activities* | | 12 |
| Internship / stage | | 6 |
| Thesis activity | | 22 |

*The detailed list of Optional activities and Supplementary and complementary activities is available on the website

www.dipartimentodibiologia.unina.it



JOB OPPORTUNITIES

This theoretical and practical training allows access to numerous research PhD programs at national and international level.

The knowledge in monitoring, in the protection, and in the conservation of the naturalistic heritage, acquired during study, allow the graduate in Natural Sciences to operate within both public and private companies. The skills of the graduate will be able to support national and regional parks, oases, reserves as well as public administrations and private companies for all the problems that may involve an interaction between productive activities and environmental systems. The Naturalist also has the possibility of employment in the field of scientific research in institutions and institutions such as the University.

Further study

Our mission aims at training a professional figure who owns a wide range of naturalistic interdisciplinary and applicative relevance.

Studies can be perfected through first and second level masters, PhD programs, and specialization courses.

LOCATION

The didactic and scientific activities location is at Monte S. Angelo (MSA) University Campus, in via Cinthia, Naples

CONNECTIONS

By car: exit of the Fuorigrotta ring road.

Rail lines: Metro Line 2 (Campi Flegrei station); Circumflegrea (Mostra station).

Bus lines: Piazzale Tecchio (Fuorigrotta) - MSA: 615 -180 -R6; Piazza Leonardo (Vomero) - MSA: C33. There are also private bus companies providing connections from and to the main Cities of Campania region

SERVICES

ADISU point, Sinapsi Center, Canteens, Bar, Copy service, ATM.