



UNIVERSITY OF CRETE  
SCHOOL OF SCIENCES & ENGINEERING  
DEPARTMENT OF BIOLOGY



### CALL FOR EXPRESSIONS OF INTEREST for Master's Program

#### "GREEN BIOLOGY – Plant Organism Biology from Molecule to Environment"

The Department of Biology at the University of Crete organizes and runs the Master's Program (MSc) in "**GREEN BIOLOGY – Plant Organism Biology from Molecule to Environment**", which applies modern techniques to explore the world of plants and develop innovative applications in various sectors of the economy. The program for the academic year 2025-2026 will commence in September 2025 and **does not require tuition fees**.

The **Green Biology MSc Program** aims at the intensive postgraduate specialization of young scientists, awarding a **Master's Degree (MSc)** according to European standards. Graduates will acquire the necessary skills to:

- Continue with **doctoral studies** and contribute to academic and research institutions.
- Join **modern biological applications industries**.
- Invest in **excellence and innovation**.

Graduates of the program hold positions at **leading universities and research centers worldwide**, such as the **University of Exeter (UK)**, **University of Uppsala (SE)**, **Cold Spring Harbor Laboratory (USA)**, **University of Pennsylvania (USA)**, as well as at **top institutions in Greece** as professors and researchers. Many also collaborate with **major companies**.

#### Scope of the MSc Program

The MSc in **Green Biology** promotes knowledge and research in cutting-edge areas of Plant Organism Biology, such as:

- **Molecular Plant Biology**
- **Genomics**
- **Biochemistry and Physiology of Plant Organisms**
- **Bioenergetics**
- **Plant Developmental Biology**
- **Molecular Phytopathology**
- **Ecology and Environmental Plant Biology**

- **Plant-Environment Interactions**
- **Biotechnological Applications**

## **Structure of the Program**

The **Master's Degree (MSc) in Green Biology– Plant Organism Biology from Molecule to Environment** is awarded after **one year of intensive study**, consisting of:

- **Four months of coursework and seminars (30 ECTS credits)**
- **Eight months of laboratory training and thesis research (30 ECTS credits)**

### **First Semester (September – December 2025)**

Postgraduate students attend **mandatory courses and seminars** in **seven thematic units**, totaling **at least 200 teaching hours (30 ECTS credits)**.

### **Second Semester (January – August 2026)**

Students undertake:

- a) **Two-month advanced laboratory training** in a selected specialization field (5 ECTS).
- b) **Research methodology training** and conduct an **independent research project** in a laboratory of their choice (20 ECTS).
- c) **Writing of the Master's Thesis** (5 ECTS).

The MSc program collaborates with faculty members from the **Department of Biology**, other departments of the **University of Crete**, **Greek and international universities and research institutions**, as well as **other categories of instructors**.

## **Admission Requirements**

The MSc program accepts applicants who hold a **Bachelor's Degree (BSc) from universities in Greece or recognized by the Greek state** ([https://www.doatap.gr/home\\_english/](https://www.doatap.gr/home_english/)) **foreign institutions** in the following fields: **Biology, Biochemistry, Molecular Biology, Medicine, Pharmacy, Agronomy, Chemistry, Physics, etc.**

## **Selection Criteria**

Candidates are evaluated based on:

1. **Undergraduate GPA**, course transcript, and ECTS credits.
2. **Proven proficiency in English** (minimum **B2 level**).
3. **Recommendation letters**.
4. **Personal interview** with the MSc committee.
5. **Additional qualifications** supported by submitted documents.

**Interviews will take place in May 2025.** Detailed dates, format, and schedule will be announced after the application deadline.

## **Application Process**

Applications and supporting documents must be submitted **by May 4, 2025**, electronically via:

👉 <https://postgrad.cict.uoc.gr>

Applicants must create a user account to complete their application.

### Required Documents:

1. **Application form** (online submission).
2. **Statement of purpose** explaining motivations for postgraduate studies.
3. **Three recommendation letters**
4. **One passport-size photo.**

### Supporting Documents (PDF format):

5. **Bachelor's degree certificate** (or transcript if the degree is pending).
6. **Official transcript** with GPA and ECTS credits.
7. **Proof of English proficiency (minimum B2 level).**
8. **Copy of ID card or passport.**

### Additional Requirements for Foreign Degrees

Applicants with foreign degrees must provide:

- **Apostille certification** on their diploma and transcript.
- **Official translation into Greek or English** by the relevant embassy/consulate.

### Submission Guidelines


- All documents must be in **PDF format**.
- Maximum file size per document: **2 MB**.
- Total maximum size: **20 MB**.
- Photos must be **.png or .jpeg**, size **200px x 200px**, max **2 MB**.

### Enrollment Information

Accepted candidates must submit a **certified copy of their degree** during registration in **September 2025**.

For further details, visit the MSc program's website:

 <https://misuoc5.admin.uoc.gr/metaptyx/>


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### Program Director

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