



INGENIUM
European University



Call for Applications: INGENIUM Winter Senior School: “The Carob Challenge: A Paradigm of Sustainable Development and Innovation”

Rethymnon, Crete, 05-09 February 2024

The University of Crete organises the Winter Senior School in the second edition of the “10 days of INGENIUM” events. Master, PhD students and early career researchers are invited to participate to “The Carob Challenge: A paradigm of Sustainable Development and Innovation” events, workshops, and presentations. The Winter School brings together students and mentors from all 10 INGENIUM members in Europe to explore, reflect and create in a narrative space that fosters interdisciplinary collaboration.

Objective: The INGENIUM Winter Senior School aims to provide students with an interdisciplinary approach to the Mediterranean product Carob as a test case of sustainability. Through lectures, workshops and hands-on activities, students will follow the **complete sustainability pathway** of the carob tree*:

- Carob through History and its Ecocultural Landscape
- Biochemical structure of Carob [The Carob Genome/ Metabolites]
- Bioactive properties of the Carob
- Economics of the Carob: Value Chain and Economic Vulnerability
- Resilience and Social Sustainability Impact
- Innovation and Production

Through this Winter Senior School, students will develop skills of holistic approach, collaboration, and critical thinking. In the final session, students will be organised into groups and propose an entrepreneurial and innovative project around carob.

Eligibility: Participants must be master, PhD students or early career researchers from a diverse range of disciplines and backgrounds, e.g. biologists, chemists, economists, nutritionists, food scientists, product managers, social planners etc. Proficiency in English is required.

* Der Carob Tree, auf Deutsch: Johannisbrotbaum, ist im Mittelmeerraum beheimatet und wird auf Kreta für verschiedene Lebensmittel genutzt. Die Früchte des Baumes enthalten bspw. einen natürlichen Sirup, der keinen Zucker enthält und wird Menschen empfohlen, die Zucker ersetzen müssen.



Application: To apply for the UoC Senior Winter School, please fill out the form below (last page), create your CV and send both via email to wp4@ingenium-university.eu

Funding: The INGENIUM Winter School **offers scholarships** for travel expenses and accommodation. HKA supports its students with a scholarship to cover travel and accommodation costs. Details will follow upon acceptance to the Senior Winter School.

Important Dates:

- Application deadline: **20 November 2023**
- Notification of acceptance: **27 November 2023**
- Winter school arrival (Students & Mentor): **4 February 2024**
- Winter school program (Students & Mentor): **5 February – 9 February 2024**
- Winter school departure (Students & Mentor): **10 February 2024**

Location:

- University of Crete, Gallos Campus, Rethymno, Crete, Greece

Questions?

- Contact your local INGENIUM Team: You can find us in building B, rooms 112 and 113 or via email at wp4@ingenium-university.eu

Application Form: INGENIUM Winter Senior School: “The Carob Challenge: A Paradigm of Sustainable Development and Innovation”

First Name

Last Name

Date of Birth (DD/MM/YYYY)

Email

University

Study Program

Current Year

Language Proficiency in English
(Native / Language test and level)

Statement of purpose (max. 500 words):

Outline your motivation for joining the winter school and how it aligns with your academic, career and personal goals.