



UNIVERSIDAD  
COMPLUTENSE  
MADRID



# International Degree

Faculty of Biological Sciences (coordination)

# Bachelor in Sustainability

UCM - UJ - KUL - UH - UZ - UP1

# Syllabus

TYPE OF SUBJECT	ECTS
Core Studies	60
Compulsory	60
Electives	50
Bachelor's Thesis	10
<b>TOTAL</b>	<b>180</b>

YEAR ONE	ECTS
Academic English: Research and Presentation	4
Basic Statistics	4
Introduction to Economic Development	5
Introduction to Economics, Management & Engineering	4
Introduction to Environmental & Life Sciences	4
Introduction to Environmental Challenges	5
Introduction to Geography & Economics	4
Introduction to Humanities & Social Science Perspective on Sustainability	4
Introduction to Law & Politics of Sustainability	4
Introduction to Research Design	2
Introduction to Social Issues	5
Introduction to Sustainability Dilemmas	5
Introduction to Sustainable Chemistry & Physics	4
Introduction to University Etiquette, Official Correspondence & Composition of Academic Texts	2
Mathematical Tools for Sustainability	3
Scientific Information Acquisition	1

YEAR TWO	ECTS
Subjects of the Selected Track	30
Electives	20
Transversal and Practical	10

YEAR THREE	ECTS
Subjects of the Selected Track	30
Electives	15
Transversal and Practical	5
Bachelor's Thesis	10

# Knowledge acquired

The Joint Bachelor in Sustainability (BASUS) is an innovative and unique joint degree, created in collaboration by eight universities, all members of the Una Europa Alliance. Six of the Una Europa universities act as the degree awarding institutions for the programme: Uniwersytet Jagielloński w Krakowie (Poland), KU Leuven (Belgium), Helsingin yliopisto/Helsingfors universitet (Finland), Universität Zürich (Switzerland), Universidad Complutense de Madrid (Spain) and Université Paris 1 Panthéon-Sorbonne (France).

Though in recent years calls for sustainability, both on individual and institutional levels, have been greater than ever. However, balancing the environmental, social and economic dimensions of sustainability has never been more difficult. To remedy the growing gap in the market and policy-making sectors responsible for tackling these issues, we offer the Interdisciplinary Joint Bachelor in Sustainability (BASUS). BASUS will contribute to the consolidation of interdisciplinary knowledge and practical approaches to understand the widespread context of sustainability, to implement system thinking and to facilitate valuable dialogue and collaboration between specialists.

The structure of the programme is grounded in multidisciplinary, mobility and multiculturalism. The whole programme will be co-taught by prominent experts from the Una Europa universities. The students' own mobility is also an integral part of the programme. Though the students start their education within the programme at one university, they then may go on to study at other universities to follow their problem-focused tracks and in the final semester they are each presented with an opportunity to study at any of the universities involved in the programme. The organisation of the programme is such that the students gain both cross-cutting knowledge on sustainability and the practical issues facing its implementation and problem-focused specialised knowledge that allows them to better examine the issues concerning sustainability in their chosen field both from a micro and macro perspective.

The programme has a duration of three years (180 ECTS) and spread over six semesters:

- In the initial common semesters (1-2), students cover foundational courses introducing multidisciplinary topics regarding sustainability, introduction to the different disciplines involved in sustainability, and essential methodology and language subjects for comprehensive international training. These courses will be organised on campus at the host university (Jagielloński w Krakowie) to facilitate enrolment and integration of the students and the direct interaction with the teachers.
- As a continuation, students will dedicate three semesters (3, 4 and 5) to complete their track specialization. There are six tracks in total, and each is coordinated by one of the Degree Awarding Partners: Chemistry & Physics (coordinated by the University of Helsinki); Environmental & Life Sciences (coordinated by the Universidad Complutense de Madrid); Economy & Geography (coordinated by the Université Paris 1 Panthéon-Sorbonne); Economics, Management & Engineering (coordinated by the KU Leuven); Law & Politics of Sustainability track (coordinated by the Jagiellonian University); and Social Sciences & Humanities (coordinated by the University of Zurich).
- The final semester of the programme is intended for the finalisation and presentation of the bachelor's thesis. Additionally, it allows for the optional mobility of the students, should they wish to spend it at a university different than their track university, including the universities acting as Mobility Partners (Freie Universität Berlin and University of Edinburgh).

## Professional opportunities

The leading consideration for the necessity of undergraduate programmes such as BASUS is the growing demand in the job market for professionals equipped with knowledge and skills that allow them to react to emerging problems concerning areas such as the achievement of the UN Sustainable Development Goals, just transition, corporate social responsibility, policymaking, compliance, etc. Through the programme's commitment to holistic science, strong research education and the development of soft skills, the graduates of the programme will boast skills and knowledge that they could employ in further higher education through graduate and postgraduate studies as well as in professional work both in the private and public sector.

**Important Note:** This international joint degree requires to pass a specific entrance exam and follow a specific admission process at the coordinating university, Jagielloński w Krakowie. More detailed information at: <https://basus.info/application-procedure>



[una-europa.eu](http://una-europa.eu)

Grados UCM



## International Degree Bachelor in Sustainability UCM / UJ / KUL / UH / UZ / UPI

Field of Study: Interdisciplinary

**Universidad Complutense de Madrid**

Coordinator: Faculty of Biological Sciences

[www.ucm.es](http://www.ucm.es)

**Jagiellonian University in Kraków**

<https://en.uj.edu.pl/en>

**KU Leuven**

[www.kuleuven.be/english/kuleuven/index.html](http://www.kuleuven.be/english/kuleuven/index.html)

**University of Helsinki**

[www.helsinki.fi/en](http://www.helsinki.fi/en)

**University of Zurich**

[www.uzh.ch/en.html](http://www.uzh.ch/en.html)

**Université Paris 1 Panthéon-Sorbonne**

[www.pantheonsorbonne.fr](http://www.pantheonsorbonne.fr)

For further information: [basus.info](http://basus.info)

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[www.ucm.es](http://www.ucm.es)

