TRACEE: Master's programme in Transdisciplinary Studies of Climate, Environment and Energy

The TRACEE programme provides the tools to understand the complex problems of climate, energy and environmental systems, improve skills to create innovative solutions from the point of view of the natural sciences, social sciences and humanities, through a "transdisciplinary" approach. This program, co-taught by leading academics from all CIVIS universities, is based on an innovative framework for integrating natural sciences, social sciences, humanities, and law to create holistic solutions. The TRACEE programme offers the opportunity to study at several CIVIS universities, experimenting with different academic cultures and building international networks. Furthermore, it allows you to gain the knowledge and skills needed to address complex global issues and generate real-world impact.

University of Lausanne (UNIL)

Lausanne University (UNIL) is a prestigious Swiss public university recognized for academic excellence, innovative research, and strong international orientation. Founded in 1537, it offers high-quality programs in disciplines such as economics, law, social sciences, biology, medicine, and environmental studies. Located on the shores of Lake Geneva, on the modern Lausanne campus, the university ensures a dynamic and multicultural environment, fostering collaboration between students and researchers from around the world.

Stockholm University

Stockholm University is one of Sweden's leading public universities, internationally recognized for excellence in research and academic innovation. Founded in 1878, it offers a wide range of programmes in the scientific, humanities, legal and social disciplines, in an international and multicultural environment. Located in the heart of Stockholm, the university combines high-quality teaching, a strong sustainability orientation, and a close connection to the world of research and work.

Aix-Marseille Université (AMU)

The Aix-Marseille Université (AMU) is one of the largest universities in France, located between the cities of Aix-en-Provence and Marseille. It was founded in 2012, but has its roots in the 15th century, with the historic University of Aix. This university offers a wide range of courses in science, medicine, law, economics, arts and humanities, distinguishing itself by a multidisciplinary and innovative approach. It is also one of the main centers of scientific research in France, with numerous laboratories and international collaborations. With over 80,000 students, it is a dynamic and highly international academic reality, attracting students from all over the world. In short, Aix-Marseille Université is a modern and comprehensive university, combining a long academic tradition with a strong vocation for research and internationalization.

The multiple degree program TRACEE:

The Faculty of Mathematical, Physical and Natural Sciences of Sapienza University of Rome, the Department of Biology Education of Stockholm University, the University of Lausanne and Aix-Marseille Université have established a multiple degree program, the completion of which leads to the awarding of the degree in: Master of Science in Transdisciplinary Studies of Climate, Environment and Energy

Program's structure

The programme involves four semesters in total, to obtain 120 ECTS credits in total.

The first semester will be held at Stockholm University.

The second and third semesters will be carried out as follows, depending on the path chosen by the student:

- Study Track 7: Environmental Risks and Mitigation, at the University of Lausanne (UNIL) and Sapienza University of Rome respectively.

- Study Track 9: Global Change Biology, at Sapienza University of Rome and Aix-Marseille University (AMU) respectively.

The fourth semester will be held in one of the three locations of the reference Track, at the student's choice.

Available places

The maximum number of students eligible to participate in the program is currently 4 students for Track 7 and 5 students for Track 9. However, a maximum number of students different from that established in the previous academic year may be provided for in each academic year's call. The number of students provided for in the call is that which has definitive value for each academic year.

Scholarship

Participation in the TRACEE programme may involve the award of a grant “Erasmus+ study mobility”: the student, once enrolled at Stockholm University, may check, during the first semester of studies, the actual availability of the grant programme “Erasmus+ study mobility” and possibly consult the respective Call.

Tuition fees

Tuition fees will be paid at Stockholm University, as provided for in the Student Contribution Regulations:

- EU citizen students: €9,000 for the entire program, so €2,250 per semester
- Students who are non-EU citizens: 18,000 euros for the entire program, so 4,500 euros per semester

Who can apply

Student admission is based on some minimum requirements:

- Have obtained a Bachelor's Degree in Natural Sciences, or equivalent;
- Demonstrate English language proficiency, at a B2 level.

The final requirements are contained in the call, which is the one that has final value for each year.

Student’s obligations

Students selected for the TRACEE multiple degree program are required to:

- also register with the chosen host universities and provide all the documents required by them;
- participate in classes and take exams at all host universities in their respective semesters;
- earn 30 ECTS credits for each semester in each host faculty.

The final obligations are contained in the call, which is the one that has final value for each year. In any case, students are always required to:

- comply with the academic and teaching requirements established by the host institution.

Publication of the Call

As a rule, the call is published every year in the period between October and February.

Study plan

The study plan, i.e. the list of exams that must be taken at the various host institutions, is detailed in the call for each Study Track.

Evaluation system and thesis

The ECTS evaluation system is used by universities to evaluate the results of any exam and final thesis. Students will complete their thesis in the fourth semester, upon completion of the 120 total ECTS credits, at

the university chosen for that semester, according to the respective university regulations. A copy of the final thesis in English must be provided in any case. More information on this is contained in the annual call for proposals.

Link

Multiple degree Sapienza: https://www.uniroma1.it/it/node/24359

Faculty of Mathematical, Physical and Natural Sciences of Sapienza: https://smfn.web.uniroma1.it/

Stockholm University TRACEE Application: https://www.su.se/english/divisions/department-of-biology-education/news/articles/2025-03-03-tracee---a-transdisciplinary-masters-program-for-a-sustainable-future

Aix-Marseille Université (AMU): https://www.univ-amu.fr/

University of Lausanne: https://www.unil.ch/unil/en/home.html

Program's coordinators

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