EIGSI

Graduate School of Engineering
SUMMER SCHOOL
26 June – 10 July 2026
Ocean & Energy Towards Sustainability
La Rochelle - FRANCE

Challenge yourself in a new academic environment while enjoying one of the most popular summer destinations in France

EIGSI
SCHOOL OF ENGINEERING

Villa Albertine

AMBASSADE DE FRANCE AUX ÉTATS-UNIS
Liberté Égalité Fraternité

CONFÉRENCE DES GRANDES ÉCOLES

EUR-ACE®

BIENVENUE EN FRANCE

Presentation

EIGSI Summer School is a great opportunity to learn more about the ocean and natural resources, and earn 5 ECTS.

You will get the chance to combine high-quality, hands-on courses with outdoor activities while also experiencing the closeness of the ocean.

Summer School Programme Coordinator

Rose Campbell, summer school coordinator, is a researcher in the field of marine sciences. Her research interests include numerical modeling, optimization, oceanography, and software development. She holds a PhD and Masters in Oceanography from Aix-Marseille University (France), and a BSc of Science/Mathematics from the University of Ottawa (Canada).
She currently teaches at EIGSI Engineering School in La Rochelle, France.

A team of international lecturers will join us in La Rochelle for the Summer School.

Who can apply ?

Students with at least one year post-secondary education in science or engineering (community college and minority serving institutions students are welcome).

1 Important dates

26 June – 10 July 2026
Summer School

29 June 2026
Start of academic programme

2 Tuition Fees

Community college students (USA), HBCU, tribal college, hispanic serving institutions, predominantly Black Institutions, Asian American and Native American Pacific Islander-Serving Institutions (AANAPISIs) and Native American-Serving Nontribal Institutions (NASNTIs) : 2 400 $

Included in the fees : classes, accomodation EIGSI's student residence (private single studio apartment, including kitchenette and bathroom), conveniently located 100m from the school, social activities, visits, breakfast, lunch, dinner, transfer to/from La Rochelle airport or train station.
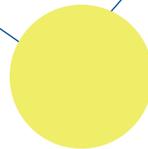
Not included : travel to and from La Rochelle.

Course details

MODULE 1	**Ocean, Atmosphere & Climate**	This course will give students a foundation to understand the sources of marine energies, including observations at the nearby beach.
MODULE 2	**Natural Resources & the Blue Economy**	Students will review the interaction between humankind and the ocean, with a focus on the extraction of resources. Discussions on how sustainable solutions can be used to reduce human impacts.
MODULE 3	**Mapping the Potential for Marine Renewable Energy**	Students will collect open data about currents and/or winds and build a map of potential MRE. This lab-based course uses GIS software (QGIS).
MODULE 4	**Sustainable Design Challenge**	Learners will be given a short brief and a set of materials to harness the potential of the wind. The final result will be built and put to the test at the nearby beach.

A variety of social and cultural activities will complement the academic programme.

EIGSI is an Engineering School, created in 1901 teaching students advanced mathematics, sciences and engineering as well as humanities, communication and foreign languages. EIGSI's close ties to industry and innovative research provide a cutting-edge engineering education.

EIGSI's exceptional setting offers students access to cultural and recreational activities in the nearby historical La Rochelle city centre, nearly 100 km of cycling paths and easy access to local beaches. During the summer, expect to enjoy the best of coastal Atlantic living: music and film festivals, sailing events, sunshine, and French cuisine.

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www.eigsi.fr

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