

## **EEMGC**

The profession of civil engineer is omnipresent through the construction of infrastructures and works necessary for the well-being of men. The transport networks are currently more complex, the materials more varied and the constructions more elaborate. However, the mission of the civil engineer is to provide society with the equipment it needs, such as bridges, buildings, dams, tunnels and works of water supply or protection against natural hazards. Civil engineering projects must therefore be part of a long-term perspective capable of minimizing the impact on the environment and maximizing economic and social benefits. The civil engineer contributes to the design, planning and construction of infrastructure, but also to its maintenance and operation. In addition to mastering the main construction techniques, the civil engineer must be able to innovate in order to offer sustainable solutions.

### **Training Objectives**

The 2 integrated preparatory years prepare over 4 semesters for the integration of the engineering cycle of the EuroMed School of Civil Engineering. They also allow the engineer of tomorrow to acquire, in addition to technical and scientific skills, the ability to evolve, learn, create and undertake throughout his career.

The training aims to give the student-engineer the scientific knowledge and the technical and managerial skills allowing him to innovate and design the most appropriate technical solutions. It works to train high-level design engineers and builders, capable of mastering the complexity of projects in a multidisciplinary approach taking into account a multitude of technical, environmental, economic and socio-cultural constraints in the territories in which they will be called upon to work.

