

Course 1: Governance and management of fisheries and maritime policies

Course Director : Salvatore Mazzola

Masters' degree required: Environmental Sciences, Natural Sciences, Life Sciences, Chemistry, Geology, Environmental Engineering

The above training course aims at creating specialized expertise in the definition of global, EU, national and regional policies for the marine environment and its renewable resources, by training young experts with a high level of specialization in the field of maritime policies aimed *sensu lato*, namely the related fishing, maritime and the legislative and regulatory aspects, environmental monitoring, economy related to the sea and its resources, political and economic geography.

The course, covering a period of 6 months, is aimed particularly at young graduates in scientific subjects: the 720-hour long course will comprise an internship period (120 h), while 600 hours will be divided into a theoretical section (lectures) and a practical section with training on the job activity (approximately 480 hours) in which case studies will be analyzed and laboratory activities will be carried out by the students.

The training course will begin with an introductory module which aims to provide basic knowledge on topics related to marine sciences and the international management of marine resources. The second part of the training activity will cover those categories and areas of scientific knowledge more linked to the application of governance and the management of emerging economies, particularly those of the Mediterranean basin, with a perspective of engagement in technology transfer actions, business creation and support to local governance. These areas will include:

1. *Interdisciplinary Oceanography*: concepts to ensure everyone basic knowledge of the scientific disciplines applied to marine environments, in particular chemistry, physics, biology and geology.
2. *Political and Economic Geography*: knowledge of the fundamentals of human geography and politics, with particular reference to issues and problems of political and economic geography on an international scale.
3. *Marine and Fisheries Economy*: knowledge of maritime activities economy, fishing and marine resources management, environmental and coastal land protection, as well as related economic sectors.
4. *Maritime Policies and International Maritime Law*: foundations of international maritime law and global maritime governance, in order to possess the tools necessary for a complete regulatory and legal framework of the sea sector in all its scientific and economic aspects.
5. *Technology Transfer*: techniques and tools. The technology transfer policies for the transfer on the ground, in terms of competitiveness, of scientific innovations developed in the laboratories of research centers.
6. *Corporate management and Euro-project management*: knowledge of enterprise and entrepreneurship dynamics, as well as planning and design, or access to funds and funding for scientific cooperation and development cooperation programs.
7. *Public Relations*: communication module. The objective is to develop relationships, to connect institutions, companies, people, facilities, also on an international scale, in order to implement and strengthen technology transfer strategies.

For more info, please visit: <http://www.iamc.cnr.it>