

Italian Society for International Organization  
in agreement with  
Ministry of Foreign Affairs and International Cooperation  
Ministry of Environment and Protection of Land and Sea



**MASTER DEGREE IN SUSTAINABLE DEVELOPMENT,  
GEOPOLITICS OF RESOURCES AND ARCTIC STUDIES**  
**11th March – 30th October 2019**

*The Italian Society for International Organization, in agreement with the Ministry of Foreign Affairs and International Cooperation, the Ministry of the Environment and Protection of Land and Sea and University of Rome UNITELMA Sapienza, organizes the Master Degree in Sustainable Development, Geopolitics of Resources and Arctic Studies. The aim of the Master is to develop skills and expertise in the areas of the green economy and the geopolitics of resources and energy, highlighting the eco-sustainability and a responsible use of the land. It will have a focus on the economic and geostrategic importance of the Arctic region.*

**Objectives and subjects**

The course aims to develop professionals able to support national and international Institutions, the private sector and entrepreneurial activity, research institutions and, in general, all the organizations related to the energetic sector and the environmental management with a particular specialization in fragile ecosystems like the Arctic one. This master is addressed to graduates of all academic fields, executives and functionaries of the civil and military Public Administrations, officials from embassies, directors and commissionaires of the private sector, with a good knowledge of the English language.

**Master's Structure**

This course provides a formative activity that equals 200 unities of frontal didactic activities and 400 unities of individual studies and research. The lessons will take place from March until October on Mondays and Tuesdays from 2pm until 5pm. Furthermore, visits, meetings and workshops with agencies and multinationals will be planned. These features will be hosted by Institutions and Corporations that operate in this sector.

**The Master Course is divided into 5 didactic modules:**

**POLITICAL MODULE**

- GEOSTRATEGIC ANALYSIS OF CRISIS AREAS
- GEOPOLITICS OF ENERGY
- GEOPOLITICS OF RESOURCES AND ENVIRONMENT
- GEOPOLITICS OF TRANSPORTS
- THE ARCTIC AS A NEW GEO-STRATEGIC SCENARIO
- THE ARCTIC COUNCIL AND ITS EVOLUTION

**ECONOMICAL MODULE**

- GREEN ECONOMY AND SUSTAINABLE DEVELOPMENT
- ENERGY EFFICIENCY AND RENEWABLE ENERGY
- POPULATION, ECONOMIC DEVELOPMENT AND ENVIRONMENTAL PRESSURE
- AVAILABILITY AND EXHAUSTIBLE RESOURCES IN THE CIRCUMPOLAR AREA
- ARCTIC RESOURCES, SUSTAINABILITY AND GLOBAL PERSPECTIVES
- INFRASTRUCTURES AND ARCTIC MARITIME ROUTES IN THE GLOBAL SYSTEM
- ACTORS AND POLICIES OF THE ARCTIC ECONOMY
- THE BIG CHALLENGES OF FUTURE SUSTAINABILITY AND THE NEED OF A MULTISCALE GOVERNANCE

**LEGAL MODULE**

- THE LEGAL ASPECTS OF ENVIRONMENTAL PROTECTION
- THE INTERNATIONAL ORGANIZATIONS FOR ENVIRONMENT AND ENERGY
- THE INTERNATIONAL ENVIRONMENTAL CONVENTIONS
- THE PROTECTION OF BIODIVERSITY AGAINST CLIMATE CHANGE
- THE ENVIRONMENTAL PROTECTION IN THE EU
- THE UN AND THE INTERNATIONAL ENVIRONMENTAL GOVERNANCE: THE MDGs AND THE 2030 AGENDA
- ANTARCTICA: THE WASHINGTON TREATY AND PARALLELISMS WITH THE ARCTIC REGION

- THE LAW OF THE SEA AND THE CONVENTION OF MONTEGOBAY
- LEGAL ASPECTS AND ENVIRONMENTAL IMPACTS OF OFFSHORE DRILLING IN THE ARCTIC

**SCIENTIFIC MODULE**

- CLIMATE CHANGE AND THE ENVIRONMENTAL IMPACT
- THE EVOLUTION OF GLOBAL WARMING AND THE IPCC
- THE CONSEQUENCES OF PLASTIC POLLUTION IN THE OCEANS
- EFFECTS AND CONSEQUENCES OF CLIMATE CHANGES FROM THE ARCTIC TO MIDDLE LATITUDES
- PROTECTION OF THE ARCTIC ECOSYSTEM: FLORA FAUNA AND INDIGENOUS PEOPLE
- RISING OF THE SEA LEVELS AND EXTREME NATURAL PHENOMENA

**SOCIAL AND CULTURAL MODULES**

- THE PROTECTION OF INDIGENOUS PEOPLES IN THE INTERNATIONAL LAW
- HISTORY OF THE ARCTIC EXPLORATION
- DIRECT MANAGEMENT OF THE TERRITORY AND ITS SUSTAINABLE DEVELOPMENT
- ANALYSIS OF THE STATUS OF INDIGENOUS PEOPLES IN THEIR NATIONAL STATES

**Internships**

At the end of this course there will be the possibility to apply to an internship of three months based on competences shown in the applicants' CVs.

**Master's Diploma**

Different characteristics such as class participation, compliance of 80 % of class attendance, and elaboration and discussion of the final thesis will be taken into account in order to release the diploma.

**Master's Council**

FRANCO FRATTINI, PRESIDENT OF SIOI

ANTONELLO FOLCO BIAGINI DEAN OF UNITELMA SAPIENZA

SARA CAVELLI GENERAL DIRECTOR OF SIOI

NICOLA NAPOLETANO UNITELMA SAPIENZA

**Registration and fee**

Registrations are made through the compilation of a module that can be found online at the website [www.sioi.org](http://www.sioi.org) and by sending the necessary documentation either at the following e-mail address: [formint@sioi.org](mailto:formint@sioi.org) or by fax at 066789102.

The registration cost for this course is of a total of 4.300,00 Euros whereof 300,00 Euros have to be given at the moment of the registration either through CCP n.33468000, headed to SIOI, Via Marco 3 – 00186 Roma or CCB headed to SIOI, IBAN: IT79X0200805181000400118070.

**Didactic and administrative headquarters**

Italian Society for International Organization – SIOI Palazzetto di Venezia – Piazza San Marco, 51 00186 Roma

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