

## ADVANCED PROGRAM IN MARITIME AFFAIRS

### Synopsis:

The Program will focus on the pressing issues and challenges related to maritime affairs, using teaching and research to enhance strategic thinking and action of practitioners and decision makers. It is designed for midcareer and younger professionals of the maritime sector, including navy and coast guard personnel, port administrators, legal practitioners and others. Students will be recruited nationally and internationally. Studying will be both residential and online. Residential classes will be in Mindelo, Sao Vicente, Cape Verde. Field trips and visits to the partner institutions in Portugal and Finland will be scheduled to take place after finishing course work, preferably in April. Coursework will be credited to a Master program in a related field by a Cape Verde university to be announced and/or Satakunta University of Applied Sciences, if approved by their admissions committees.

### Academic program and coursework:

The Program is structured in 4 trimesters, of which trimesters one to three are dedicated to coursework, and trimester four is dedicated to a field trip to Portugal and Finland for seminars and visits, and for research and preparation of the final paper. Students who are eventually accepted into a MA degree-program will not need to produce a final paper. Coursework will allow students to reflect on current issues and develop skills in response. The plan of study includes nine 20-hour modules (3ECTs each), to be taught during 5 consecutive days of class per month. At the end of the program students will develop a project in the form of a report or dissertation. The research project will focus on a subject of the student's choice that can be relevant to his/her work. The project will serve also to help students develop research skills for use in their career or further study. Students will be supported by a faculty adviser of their choice while working on their final paper.

## ACADEMIC CALENDAR AND PLAN OF STUDY

### TRIMESTER 1 - Focus: Law and Governance

#### SEP 19-25, 2021 - Law of the Sea and International Law

Residential Lecturer: CPT Ernestina Santos Silva, Head of the Juridical Department, Estado Maior da Armada, Portugal  
Online Presentations: Prof. Marta Chantal Ribeiro, University of Porto

Historical developments of the Law of the Sea and current developments  
Maritime areas, human activities, environment and States' jurisdiction  
Introduction to the law of Maritime Safety and Security

The central aim of the module is to provide specialized study in law of the sea, as laid down in the 1982 UN Convention on the Law of the Sea, and give an introduction to the system of maritime safety and security, looking at different paradigms and legal levels. Strong laws, effective enforcement and successful prosecution are essential for a peaceful use of the oceans, and for its sustainable utilization and fostering blue economy. If laws are weak or not enforced and legal institutions do not have jurisdiction to hear cases, the fate of the sea users, socio-economic development and the health of the ocean may be in jeopardy. Piracy, drug trafficking, IUU fishing and marine pollution, inter alia, must be expressly forbidden and combated by the different legal systems, nationally and internationally. These are paramount premises for working together in order to ensure the wealth of marine ecosystems and biodiversity, attract and sustain investors and foster the citizens' progress.

### OCT 23-30, 2021 - Maritime Governance

Residential Lecturer: MM Markku Mylly, Satakunta University of Applied Sciences – Finland

Maritime policy – National, Regional, Global  
Interagency and International cooperation  
Anglo Saxons, Hanseatic, Mediterranean (Spain & Portugal), USA

This module aims to take a comparative look at different national and regional policies and strategies regarding maritime governance, so that lessons can be learned from successful practices. Main global concerns and directives concerning ocean health, climate change and global warming, will be looked at. Maritime security does not occur in a vacuum – it is closely tied to all aspects of maritime governance and economic activity. Consequentially, all the maritime-related agencies have mutual interest and responsibility for security, governance and development. If they do not have a mechanism for working together, efforts are duplicated, money is wasted and insurmountable problems occur both between and during emergency situations. Thus, states and international organizations have been working on whole-of-government collaborative actions, to increase efficiency, effectiveness, transparency and cooperation.

### NOV 21-27, 2021 – Maritime Past and Future Challenges

Residential Lecturer: CPT Augusto Alves Salgado (PhD), Naval Academy – Portugal

Ancient Maritime history  
The Sea and Civilization  
Future Maritime Challenges

Throughout human history, the seas have facilitated human movement, contact and trade, but have served also to support empire and to separate peoples and ecosystems. This module will look at how the seas offered protection from unwanted influence or conquest, and the how separation of human worlds by massive waterscapes produced parallel forms of human development and desire for exploration. Today shipping plays an integral part of the global economy and moves more than 80 per cent of world trade by volume. Not only does shipping move the majority share of world trade, but also it does so while emitting the least amount of greenhouse gasses per transported unit. The global economic picture may change as new technologies emerge, but the maritime sector will remain extremely important for global trade. Some prospective analysis will be done in this respect.

### DEC 1-31, 2021 – RECESS

### TRIMESTER 2 – Focus: Security

### JAN 22-29, 2022 Introduction to Maritime Security

Residential Lecturer: Prof. Robert McCabe, Coventry University – United Kingdom

Theory and Concepts  
Key perspectives

A definition of maritime security is not consensual. Bueger argues that maritime security can be understood in three different frameworks: one, in its relation to concepts such as marine safety, sea power, blue-economy and resilience; two, in the securitization framework, and three, in the security practice framework. The central aim of the module is to provide students with an in-depth understanding of the different approaches and frameworks to maritime security in the context of International Security, and examine how state and non-state stakeholders interact in the maritime domain. Students will be encouraged to critically assess cutting edge approaches to maritime security policy, governance and law, and consider how they translate into practice. Interconnectivity between land and sea will be examined.

### FEB 20-26, 2021 – Maritime Domain Awareness

Residential Lecturer: CDR Vítor Fernando Plácido da Conceição, Naval Academy – Portugal

Intelligence tools, strategies & Measures of Effectiveness (MOEs)  
Navigation, Positioning, Timing (NPT)  
Cyber and Hybrid threats to Maritime Communication  
Search and Rescue (SAR)

The central aim of the module is to provide specialist study on international information sharing that comes with a number of challenges. The line between information sharing and intelligence sharing is often delicate. Once a piece of information becomes classified by a government, sharing it becomes legally challenging. In the context of maritime information sharing, it is important to keep the distinction in mind, and not trigger the legal challenges that arise when trying to share intelligence between states and regions. At the same time, when there are bilateral tensions or legal concerns such as an embargo between states within a region, caution must be heeded on what information is shared. States must carefully weigh the potential concerns of sharing information against the potential benefits. In the end most states have found positive returns in sharing information on maritime security.

### APR 1-30 RECESS

### TRIMESTER 3 – Focus: Economy and Operations

### MAY 21-28, 2022 – Maritime Economy and Safety

Residential Lecturer: Markku Mylly, Satakunta University of Applied Sciences - Finland

Maritime Infrastructure and port security  
Maritime Security and the Blue Economy  
Global shipping and Peace at Sea

The central aim of the module is to provide specialist study on the value of maritime security to economics. Most states have not engaged in the work to fully understand the value in the maritime domain. Without that knowledge, it is impossible to pursue sustainable maritime economic potential, develop and enforce regulations. Many countries show lack of awareness of the value of their maritime sector, and do not realize that such value can be reduced or enhanced by how it is secured, governed and developed. For example, a \$10 fish can become a \$5 fish if it is not handled well and hygiene standards are low. Alternatively, creative, value adding approaches can turn a \$10 fish into a \$15 fish. Traceability, also, can increase the retail price of the fish by making the supply chain transparent.

### JUN 18-25, 2022 - Maritime Operations and Resources

Online Lecturer: To be announced

Overview of commercial and navy/coast guard operations  
Training of human resources (civil and military)  
Key players in the Maritime Sector

This module provides students with an overview of the complex world of maritime operations both from the commercial and non-commercial perspectives. From the commercial perspective, students will acquaintance and discuss the importance of shipping to the world of trade, types of ships, geographical origins and destination of major cargo, port operations, maritime logistics, ship management and the training of seafarers. From the non-commercial perspective, the focus will be on coast guard functions, including search and rescue, maritime customs and border control, as well as operation aimed at counter illegal fishing, piracy, drugs and arms trafficking, and trafficking in human beings.

### JUL 25-30, 2022 – International and Regional Organizations

Residential Lecturer: Prof. Fatima Monteiro, Institute of Macaronesia, Portugal and Cape Verde

Online Lecturer: MM Markku Mylly, My Navix OU, Estonia

United Nations, IMO  
European Union, EMSA  
African Union, ECOWAS

This module provides an overview of international and regional organisations and their role in the maritime domain. The IMO primary purpose is to develop a comprehensive regulatory framework for shipping. Its remit today includes maritime safety and security, environmental concerns, legal matters, technical co-operation, and shipping efficiency. EMSA is charged with reducing the risk of maritime accidents, pollution from ships and the loss of human lives at sea by helping to enforce the pertinent EU legislation. The advent of the AU was of great magnitude once OUA's objectives were largely accomplished—rid the continent of colonization and apartheid; promote unity and cooperation among African states; protect sovereignty and territorial integrity of Member States, and promote international cooperation.

### AUG 1-31, 2022 – RECESS

### SEP 03-10 – Field Trip to Portugal and Finland for Seminars and Visits

#### Portugal: Sep 03-06, 2022

Seminar on Geopolitics. Lecturer: Prof. Armando Marques Guedes, NOVA School of Law.

This seminar will allow students to better understand global geopolitics, with a focus on the Atlantic region, which is connected by growing linkages and common challenges. One of the aims is to think about what distinguishes and unites the region, and whether unifying characteristics are sufficient to overcome differences among the four Atlantic continents. Economic flows and social linkages are growing across the Basin. Investment, trade, migration, social networking, criminal activities are on the rise. Many agree that these flows and links are sufficient to call for a joint agenda-setting and to begin thinking about how to resolve common Atlantic problems collectively.

Visit to the Naval Academy, Almada.

#### Finland: Sep 07-10, 2022

Seminars at SAMK: topic and lecturers to be announced.

Visits to Port and Shipyard facilities.