World Maritime University
A Specialized UN Institution in Sweden

President, Dr. Cleopatra Doumbia-Henry

Research Associate, Dr. Josefin Madjidjian
# About WMU

**34 years in Malmö, Sweden**

<table>
<thead>
<tr>
<th>Maritime Post-graduate University</th>
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<tbody>
<tr>
<td>Established by IMO in 1983</td>
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<td>Focus on Maritime &amp; Oceans Education, Research &amp; Capacity-Building</td>
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<td>Over 4,300 Graduates from 166 Countries</td>
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</table>

## Principal Financial Supporters

- Government of Sweden
- City of Malmö
- Nippon Foundation, Japan
# M.Sc. Programmes

<table>
<thead>
<tr>
<th>Location</th>
<th>Duration</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Malmö</td>
<td>14 months</td>
<td>Port Management, Maritime Education &amp; Training, Shipping Management &amp; Logistics, Maritime Law &amp; Policy, Marine Environmental &amp; Ocean Management, <em>Maritime Energy Management</em>, <em>Ocean Sustainability, Governance and Management</em></td>
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<tr>
<td>Shanghai</td>
<td>15 months</td>
<td>International Transport &amp; Logistics</td>
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<tr>
<td>Dalian</td>
<td>15 months</td>
<td>Maritime Safety &amp; Environmental Management</td>
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</table>
Ph.D. Programme
4 years

Introduced in 2005
Currently a 25% acceptance rate
11 graduates from 10 countries
26 enrolled

Principal Areas of Research
Marine Environmental Research (MER)
Maritime Administration: Law, Policy & Security
Maritime Education & Training, Human and Organizational Development (METHOD)
Maritime Energy Research Group (MarEner)
Maritime Risk and System Safety (MaRiSa)
Shipping and Port Management
Distance Learning
LLM and Postgraduate Diploma Programmes (PgDip)

**International Maritime Law LLM** (12 months via distance) in cooperation with Lloyd’s Maritime Academy

**International Maritime Law PgDip** (16 months via distance) in cooperation with Lloyd’s Maritime Academy

**Executive Maritime Management PgDip** (12 months via blended delivery) in cooperation with DNV GL Academy

**Marine Insurance PgDip** (12 months via distance) in cooperation with Lloyd’s Maritime Academy

**Maritime Energy PgDip** (12 months via distance) in cooperation with Lloyd’s Maritime Academy

**Maritime Safety and Security PgDip** (11 months via distance) in cooperation with DNV GL Academy

*new in 2017
Executive Education and Professional Development Courses

Open-enrollment & Customized Courses with topics addressing current and projected needs in key IMO-mandated areas.

Over 100 completed since 2006 covering a wide array of subjects, including:

- Maritime Casualty Investigation
- Dangerous Goods
- International Safety Management Code
- Economic Modelling of Shipping Markets
- International Trade & Transport
- Ship Finance and Investment
- Contemporary Issues in the Law of the Sea
- Climate Change Impacts on the Maritime Sector
Current Research Projects & Consultancies

BMSP Oil Spill Forum II – Further development of Baltic Maritime Science Park’s oil spill contingency platform for information sharing in the Baltic Sea

CORA – Development and delivery of MSc course on corruption awareness

Global Strategy for Women Seafarers: Resourcing the Maritime Sector – Aims to produce a clear and instructive strategy and reference tool for all maritime stakeholders

Invasives in the Arctic – Assessing and mitigating environmental impacts of shipping in the Arctic

International Shipping Policy & Shipping Finance in Greece

Go LNG – developing the demand and accessibility of LNG in the Baltic Sea Region

MAREND A – Support to the maritime transport sector in Africa

MARE-WINT – New materials and reliability in offshore wind turbine technology

MG & CSR – Concept of Maritime Governance in maritime administrations of developing nations and lessons from Corporate Social Responsibility in the maritime sector

MSIIPA – Review of maritime oil spill incidents intervention policies and approaches

PACE Sri Lanka – Population assessment of cetaceans in the Bay of Bengal

PROMERC – Aims to reduce vulnerability of EU merchant fleets and maritime supply lines to criminal abduction and extortion - piracy

PROTRAAV – Research and assessment of international policies, measures and strategies relating to abandoned vessels.

SAFEPEC – Innovative risk-based tools for ship safety inspection

SENSREC WP4, Part 1 – Safe and environmentally sound ship recycling in Bangladesh
<table>
<thead>
<tr>
<th>Year</th>
<th>Event Title</th>
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<tbody>
<tr>
<td>2008</td>
<td>Empowering Professional Women in the Maritime World</td>
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<td></td>
<td>Impacts of Climate Change on the Maritime Industry</td>
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<td>2010</td>
<td>Emerging Ballast Water Treatment Systems</td>
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<td>2011</td>
<td>Oil Spill Risk Management</td>
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<td></td>
<td>International Conference on Piracy at Sea</td>
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<td>2013</td>
<td>International Conference on Ship Recycling</td>
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<td></td>
<td>CSR in the Shipping Industry Symposium</td>
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<td>2014</td>
<td>Maritime Women: Global Leadership</td>
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<td>GESAMP 41st Annual Meeting</td>
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<td>2015</td>
<td>Regional Alumni Conference, Myanmar</td>
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<td></td>
<td>Maritime and Oceans Education &amp; Training</td>
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<tr>
<td></td>
<td>Safe and Sustainable Shipping in a Changing Arctic Environment</td>
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<tr>
<td>2016</td>
<td>Migration by Sea</td>
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<td></td>
<td>WMU-KMI Seminar on IMO Member State Audit Scheme</td>
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<td>2017</td>
<td>Maritime Energy Management</td>
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**Note:** The images correspond to the conferences listed above.
Publications

2015 is the thirteenth publication year of the **WMU Journal of Maritime Affairs**

**WMU Academic Book Series** agreement signed in 2012 with Springer

**Farthing on International Shipping**  
Authors: Dr. Proshanto K. Mukherjee and Mark Brownrigg (2013)

**Piracy at Sea**  
Editors: Dr. Maximo Q. Mejia, Jr., Dr. Chie Kojima, and Mark Sawyer (2013)

**Practical Teaching Skills for Maritime Instructors, Third Edition**  
Authors: Dr. Peter Muirhead and Dr. Darrell Fisher (2013)

**The Sound Water**  
Dr. Goncalo Carneiro and Henrik Nilsson (2013)

**International Conference on Ship Recycling Proceedings**  
Editors: Professor Neil Bellefontaine, Dr. Larry Hildebrand, Dr. Aykut Ölcer (2014)

**The Shipping Industry, Ocean Governance and Environmental Law in the Paradigm Shift**  
Authors: Associate Professor Patrick Donner and Tafsir Johansson (2014)

**Maritime Women: Global Leadership**  
Editors: Dr. Momoko Kitada, Erin Williams, and Dr. Lisa Froholdt, (2015)

**Maritime Governance and Control**  
Jorgen Rasmussen (2015)

**19th Century Piracy in the Caribbean and Southern United States 1800-1806**  
Dr. Samuel Menefee (2015)
Faculty & Staff

66 in-house faculty and staff from 20+ countries
(24 permanent faculty; 13 professional; 18 general support staff & 11 research)
110+ visiting professors and lecturers
Graduates by Region

all programmes 1983-2015

*Includes 748 graduates from the outreach programmes in Shanghai and Dalian
# Graduates and Current Students

## 2017

<table>
<thead>
<tr>
<th>Total Alumni</th>
<th>4,359</th>
</tr>
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<tbody>
<tr>
<td>Graduates Countries</td>
<td>166</td>
</tr>
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### Malmö M.Sc.

<table>
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<tr>
<th>Average Age</th>
<th>33 years</th>
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<tr>
<td>Student / Faculty ratio</td>
<td>6 / 1</td>
</tr>
<tr>
<td>2017 Students*</td>
<td>136</td>
</tr>
<tr>
<td>2017 Men / Women**</td>
<td>63% / 37%</td>
</tr>
<tr>
<td>2017 Countries represented</td>
<td>49</td>
</tr>
</tbody>
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*record overall enrolment

**record enrolment of women
Sustainable Development Goals
LNG competence development for a global community

**Maritime Energy Management**

M.Sc. 14 months

*Ex. EGY 104 Alternative Fuels and Marine Renewable Energy 4 EC*
To describe emission requirements and technological options within Emission Control Areas (ECAs); to examine alternative fuels including LNG, biofuels and methanol; to discuss renewable energy for electricity generation and marine renewable energy including ocean energy (wave, ocean and tidal currents and tidal range, OTEC and salinity gradient); to discuss solar and wind power applications onboard ships as well as in maritime onshore facilities

*Field studies*

Post Graduate Diploma - distance learning

12 months via distance
in cooperation with Lloyd’s Maritime Academy

Research group MarEner

Projects, eg Go LNG and previous to that On the MoS Way – developed a distance learning course on LNG
WMU and competence centre?

IMO directives and UN connection with Sustainable Development Goals

Developed a module in another EU project: Module 2: Safety of LNG Handling on Plant, Bunkering Station and On-Board Vessels

Distance learning facility/e-learning

Global connection
Educating the maritime leaders of tomorrow