



PRESS RELEASE

18 September 2018

Study Autonomous Maritime Operations in Turku, application period 1-31 October 2018

Novia University of Applied Sciences in Turku, Finland is offering a first-of-its-kind education for the second year, Master of Engineering - Autonomous Maritime Operations. Application period is 1 - 31 October 2018.

The aim of the degree programme is to educate engineers and seafarers to meet the requirements for the fourth industrial revolution in maritime technology. The programme has a special focus on the digitalization of maritime operations and will start in February 2019. The degree title is Master of Engineering, Autonomous Maritime Operations. The programme comprises 60 ECTS and the study language is English.

The studies are optimized for flexible learning and studying, parallel with fulltime employment ashore or at sea. The major part of the studies and instruction are conducted using a learning platform.

The following topics are covered in the programme:

- Introduction to studies and introduction to Marine operations
- Autonomous vessels - automation
- Artificial Intelligence, Machine Learning, Human-Machine Interaction
- Remote Operations
- Cyber Security and Connectivity
- Classification, Qualification and Safety Perspectives

The education is a result of the shipping industry's training needs.

Per-Olof Karlsson, Head of Aboa Mare Maritime Academy and Training Center, says that he has received numerous contacts from the shipping industry seeking for an education corresponding to the requirements of the digitalization in the shipping industry. In addition, the Finnish Maritime Authorities have expressed the importance of an education within this new field. Aboa Mare has now met the shipping industry's training needs by launching this new education for both engineers and seafarers.

Aboa Mare offers degree and continuing education for the maritime industry. The maritime education and training centre in Turku was founded in 1813. Aboa Mare offers secondary education at Axxell vocational institute, where you can study for a Watchkeeping Officer's or Watchkeeping Engineer's degree, and Bachelor level education at Novia UAS, where you can study for a Sea Captain's or Marine Engineer's degree. Aboa Mare also offers Master level education, Master's degree programme in Maritime Management and Master's degree programme in Autonomous Maritime Operation. In addition, Aboa Mare offers continuing education for both professional seafarers and boaters. The training centre provides safe and environmentally sustainable training, which fulfils the requirements laid down in the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW). The education and training on offer makes use of the simulators developed by Aboa Mare. Our simulation department consists of 10 ship bridge simulators, one engine control room simulator, one VTS-simulator, one Navis DP-simulator and one GMDSS simulator. The first-rate simulators are also used for different R&D projects within the maritime industry. www.aboamare.fi



Eligibility to apply

Eligibility to apply to this programme is conferred by an appropriate UAS Bachelor's degree or another appropriate higher education degree and at least three years of subsequent work experience in a relevant field. Seafaring and shipbuilding are examples of relevant fields. Bachelor's degrees completed in a relevant field can be naval architecture, automation and ICT engineering. Apply at www.studyinfo.fi. There is no tuition fee for EU/EES students, and for non-EU/EES-students the tuition fee is 9 000 euro per academic year.

Career opportunities after conducted studies

After the studies, the graduate will be qualified to pursue a wide range of career opportunities. Graduates will be better suited for future employments related to the digitalization in the maritime sector.

Questions about the education

Novia University of Applied Sciences

Head of Programme Mr Micael Vuorio, phone +358 44 762 3413

or Head of Aboa Mare Mr Per-Olof Karlsson, phone +358 44 762 3402

Sender

Novia University of Applied Sciences

Head of Communications Jenny Svartsjö

phone +358 50 561 7803

Aboa Mare offers degree and continuing education for the maritime industry. The maritime education and training centre in Turku was founded in 1813. Aboa Mare offers secondary education at Axxell vocational institute, where you can study for a Watchkeeping Officer's or Watchkeeping Engineer's degree, and Bachelor level education at Novia UAS, where you can study for a Sea Captain's or Marine Engineer's degree. Aboa Mare also offers Master level education, Master's degree programme in Maritime Management and Master's degree programme in Autonomous Maritime Operation. In addition, Aboa Mare offers continuing education for both professional seafarers and boaters. The training centre provides safe and environmentally sustainable training, which fulfils the requirements laid down in the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW). The education and training on offer makes use of the simulators developed by Aboa Mare. Our simulation department consists of 10 ship bridge simulators, one engine control room simulator, one VTS-simulator, one Navis DP-simulator and one GMDSS simulator. The first-rate simulators are also used for different R&D projects within the maritime industry. www.aboamare.fi