

# Nautical Science @ NMCI

Level 7 CAO Code

Admission Requirements

Enquiries

**CR 094**

Leaving Certificate with Grade D3 in five subjects at Ordinary or Higher level including Mathematics and either English or Irish.

Admissions Office,  
National Maritime College of Ireland, Ringaskiddy, Co. Cork.  
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## AWARD

### Bachelor of Science in Nautical Science

Applicants for this course must be capable of passing the approved medical fitness and eyesight tests as specified by the Maritime Safety Directorate of the Department of Transport and are requested to attend a career advisory session. Offer of a place on the course will be subject to passing the medical and eyesight tests at the time of offer.



Progress to Honours Degree

#### Full-time course duration

3 Years (6 Semesters) including sea service. The full programme is normally available only to Irish citizens and EU citizens who are ordinarily resident in Ireland unless prior support is obtained from a recognised/approved Shipping Company.

#### Helpful Leaving Certificate subjects

Mathematics, Science subjects, English, and Engineering.

#### Work Placement

Students spend the second year undertaking work placement on board ship, gaining fifteen months sea time. Location is world wide. Every effort is made to secure sea berths with shipping companies, but this cannot be guaranteed.

#### About Nautical Science

Nautical Science has three main elements:

- Navigation and ship handling, in other words, the conning and control of a ship.
- The safe operation of a ship, including the protection of life and the environment.
- Shipboard administration and the handling, loading and care of cargoes, which may be as diverse as petroleum products, general cargo, or thousands of new cars or passengers.

This course is designed for those who wish to pursue a career as a Deck Officer aboard ship. It provides a comprehensive education in navigation and other ship board activities.

#### Further Studies

For details, see [www.cit.ie](http://www.cit.ie) and [www.nmci.ie](http://www.nmci.ie)

Degree holders who achieve the specified level of academic performance are eligible to apply for entry to the one year add-on

→ Bachelor of Science (Honours) in Nautical Science.

#### Module Information

<http://modules.cit.ie>

CIT has developed a website which gives full details of all modules for all courses. The website also has information on recommended textbooks, average weekly workload, assessments and exams.

#### Other Programmes

- Higher Certificate in Science in Nautical Studies
- Certificate in Seamanship
- Courses for Professional Seafarers (Deck)
- BBus in Supply Chain and Transport Management.

## Graduate Profile



**Sinéad Reen**  
MASTER MARINER

After Sinéad commenced the Nautical Studies course she worked on ships as a Navigating Officer to gain experience before returning to CIT to obtain qualifications as First Mate. Sinéad qualified as a Master Mariner when she successfully completed her Department of Transport professional examinations. She has the proud distinction of being the first woman to be issued with a Certificate of Competency as Master Mariner in Ireland.

## First Year Modules

### SEMESTER 1

Creativity, Innovation & Teamwork  
Shipping Management  
General Ship Knowledge  
Applied Mathematics  
Technological Mathematics (Nautical)  
Introduction to Bridge Watchkeeping

### SEMESTER 2

Seamanship  
Electronic Navigation Systems  
Basic Shipboard Safety  
Introduction to Coastal Navigation  
Applied Nautical Science  
Navigation & Meteorology