



# Diploma in Nautical Studies

(R3/1041/4/0007) (MQA/A11142)



# WHY CHOOSE ALAM?

## Reputation as a Premier Maritime Institution

ALAM has a long-standing reputation for excellence in maritime education and training in Malaysia and internationally. It is recognized for producing highly skilled maritime professionals.

## Comprehensive Training Programs

ALAM offers a wide range of maritime programs, including pre-sea and post-sea training, competency certifications, and degree pathways. These programs align with international standards, ensuring industry relevance.

## World-Class Facilities

Equipped with state-of-the-art simulators and specialized workshops, ALAM provides hands-on experience to ensure students are job-ready.

## Industry-Relevant Curriculum

Courses are designed in collaboration with maritime industry stakeholders to meet the latest global standards and employer requirements, ensuring graduates are in high demand.

## Strong Industry Linkages

ALAM has robust partnerships with maritime companies, shipowners, and government bodies, offering excellent internship and career placement opportunities.

## Experienced Faculty

ALAM's instructors are seasoned professionals with extensive experience in seafaring and maritime education, ensuring high-quality training and mentorship.

## International Recognition

ALAM's programs are certified by the Malaysian Marine Department and meet international standards, including those of the International Maritime Organization (IMO).

## Focus on Holistic Development

Beyond technical training, ALAM emphasizes personal and leadership skills, preparing graduates to take on responsibilities at sea and ashore.

## Commitment to Innovation and Research

ALAM is driving advancements in maritime education through research and innovation, aligning with global trends such as digitalization and sustainability.

## Pathways to Advanced Education

Collaborations with international universities allow ALAM graduates to pursue higher degrees in maritime, logistics, and other related fields, enhancing their career prospects.

## Strategic Location

ALAM is strategically located in a coastal environment conducive to maritime training, providing a realistic and immersive experience.

## High Employability Rate

ALAM graduates are highly sought after, with many securing employment within months of completing their training, thanks to the institution's strong focus on practical skills and industry requirements.



# PROGRAMME OVERVIEW

The Diploma in Nautical Studies (DNS) program at Akademi Laut Malaysia (ALAM) is designed to prepare aspiring seafarers for a professional career in the maritime industry. This program offers a comprehensive blend of theoretical knowledge, practical training, and real-world experience, aligning with international standards set by the International Maritime Organization (IMO).

## The DNS program aims to:

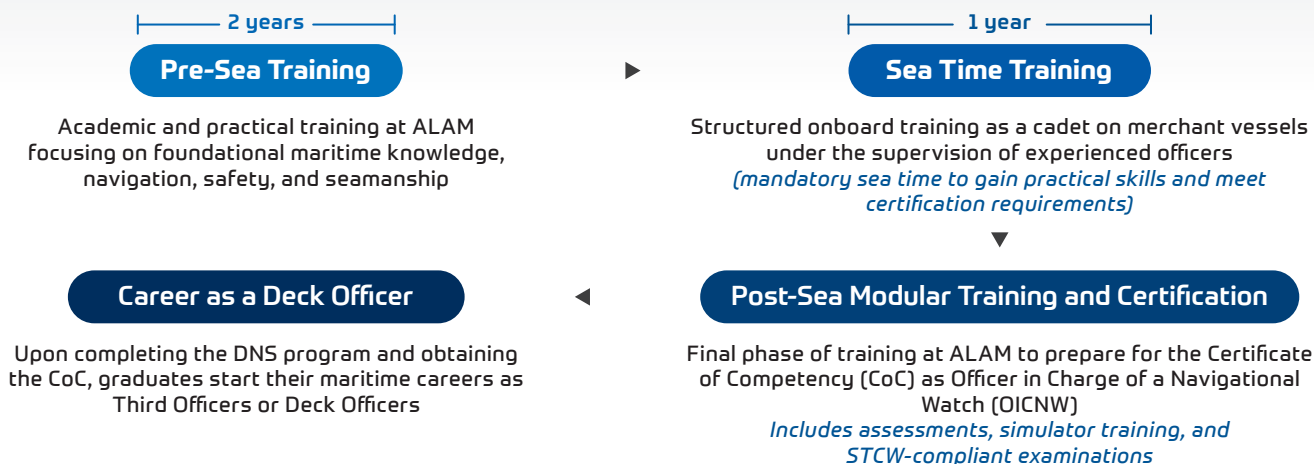
Equip students with the knowledge and skills necessary to navigate and manage vessels efficiently and safely.

Prepare students for operational and management-level responsibilities on merchant vessels.

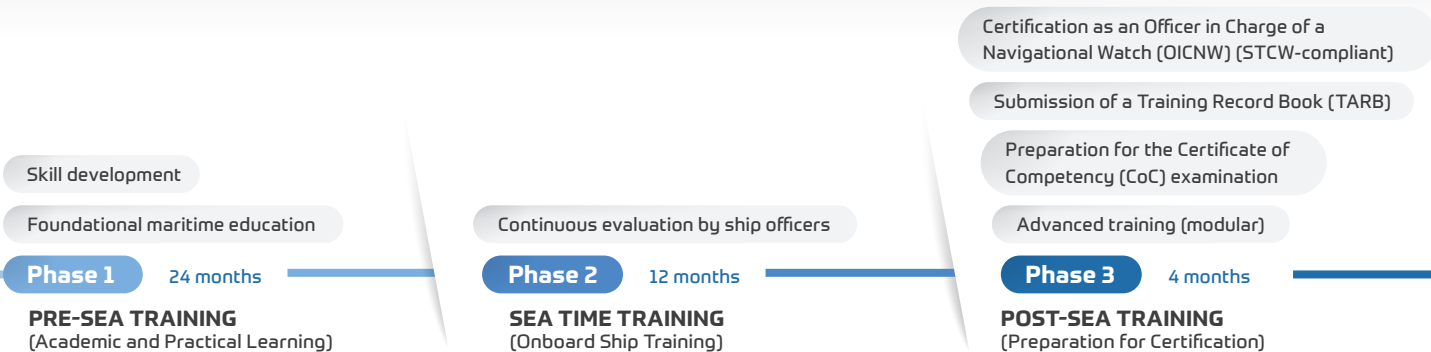
Foster a strong foundation in maritime principles, ship operations, and leadership.

Develop competencies required to meet the standards for certification as an Officer in Charge of a Navigational Watch more than 500GT Unlimited trade Voyage (OICNW).

## Study Pathways



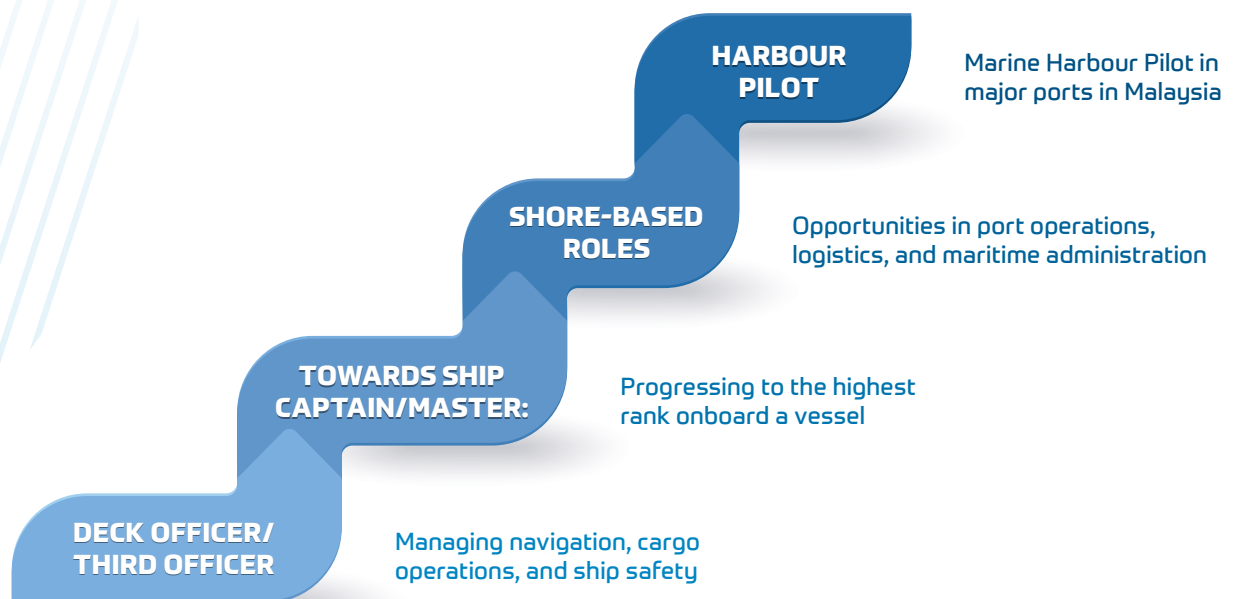
## Programme Structure



**Duration of Study**  
**3 Year 4 months**



## Career Pathways





# ASSESSMENT SYSTEM

## Continuous Assessment

Conducted by lecturers throughout the semester, focusing on understanding and application of concepts. This includes:

### Written Tests

Periodic tests covering theoretical knowledge and concepts. Focused on navigation, safety, and operational aspects.

### Assignments

Individual or group assignments related to practical maritime scenarios. Encourages independent research and problem-solving.

### Case Studies

Real-world maritime scenarios for analysis and solution formulation. Focus on critical thinking and application of maritime regulations and principles.

### Projects

Practical or research-based projects to demonstrate in-depth knowledge. May involve creating navigational plans, safety audits, or operational strategies.

### Presentations

Students present findings, strategies, or plans related to their assignments or projects. Builds communication and presentation skills critical for leadership roles.

## Final Assessment

A comprehensive evaluation at the end of the semester. Focuses on testing cumulative knowledge and practical application. Typically, in the form of a final written examination

# Minimum Entry Requirements

## For Malaysian applicants

|  |  |   |   |
|--|--|---|---|
| Possess <b>SPM/ SPMV</b> with <b>5 credits</b> in: | Malay Language ( <i>Bahasa Melayu</i> )  | SPM & SKM L3 in engineering, mechanical, mechatronic, electrical, automotive, marine or maritime. | <b>SVM with credit in Malay Language</b> ( <i>Bahasa Melayu</i> ) |
|  | Science ( <i>Sains</i> ) / Pure Science ( <i>Sains Tulen</i> ) / Technical ( <i>Teknikal</i> )           |   |   |
|  | Mathematics ( <i>Matematik</i> ) / Additional Mathematics ( <i>Matematik Tambahan</i> )                  |   |   |
|  | 2 other subjects   |   |   |
|  | A Pass in English language ( <i>Bahasa Inggeris</i> ) & History ( <i>Sejarah</i> )                       | STPM pass with a minimum of grade C (GP 2.00) in any 2 subjects.                                  |   |
|  | Any equivalent qualification as approved by Director of Marine (as advise or proposed by MATRAIN senate) | CGPA Academic 2.00  |   |
|  |  | CGPA Vocational 2.67  |   |
|  |  | A Pass English  |   |
|  |  | Pass ALAM's entry examination in Mathematics and Science.   |   |

AND

|  |  |
|--|--|
| Normal eyesight without aids and normal color vision as stipulated in Table A-1/9 of the STCW 2010 | Physically fit as certified by a marine medical practitioner approved by the Marine Department |
|--|--|

## For International qualification

Qualifications as listed in "MQA's list of entry qualifications for international student" with 5 credits comprising of:

|             |                     |                  |
|-------------|---------------------|------------------|
| Mathematics | Science / Technical | 3 other subjects |
|-------------|---------------------|------------------|

| English Competency                      | Types of Examination                                     | Score  |
|---|--|--------|
| MUET                                    | MUET   | Band 3 |
| IELTS                                   | IELTS / IELTS Online                                     | 5.0    |
| TOEFL                                   | TOEFL iBT  | 40     |
|   | TOEFL Essential (Online)                                 | 7.5    |
| Pearson Test of English                 | PTE Academic / PTE Academic (Online)                     | 47     |
| Cambridge English Qualifications & Test | B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency    | 154    |
|   | Linguaskill Online                                       |        |
| ELS                                     | Certified Intensive English Programme Level (CIEP Level) | 107    |

International students may be exempted from English language proficiency requirements under certain conditions:

International students who are from countries where English is used as the official language;

or

International students who hold academic qualifications from institutions that fully use English as the medium of instruction and intend to pursue higher levels of study in Malaysia.

AND

|  |  |
|--|--|
| Normal eyesight without aids and normal color vision as stipulated in Table A-1/9 of the STCW 2010 | Physically fit as certified by a marine medical practitioner approved by the Marine Department |
|--|--|

# English Language Proficiency Requirements

## Malaysia Certification system

A Pass in English Language (Bahasa Inggeris)

## For International Qualification

Fulfil a minimum score of at least ONE of the following.

| English Competency                      | Types of Examination                                     | Score  |
|---|--|--------|
| MUET                                    | MUET   | Band 3 |
| IELTS                                   | IELTS / IELTS Online                                     | 5.0    |
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## Academic Partners



## Awards & Accreditations



MINISTRY OF HIGHER EDUCATION



### Akademi Laut Malaysia

Batu 30, Kampung Tanjung Dahan,  
78200 Kuala Sungai Baru, Melaka

+606 388 2377

+6017 272 2022

Akademi Laut Malaysia

www.alam.edu.my

## Your Maritime Future



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