

## PROGRAMME SPECIFICATION

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### Diploma of Higher Education in Nautical Science

<b>Awarding institution</b>	Liverpool John Moores University
<b>Teaching institution</b>	LJMU
<b>JACS Code</b>	J600
<b>Programme Duration</b>	Full-Time: 1 Year
<b>Language of Programme</b>	All LJMU programmes are delivered and assessed in English
<b>Subject benchmark statement</b>	International Maritime Organisation (IMO) STCW 95 regulations including updates.
<b>Programme accredited by</b>	Maritime & Coastguard Agency and MNTB <a href="https://www.gov.uk/government/organisations/maritime-and-coastguard-agency">https://www.gov.uk/government/organisations/maritime-and-coastguard-agency</a>
<b>Description of accreditation</b>	
<b>Validated target and alternative exit awards</b>	Diploma of Higher Education in Nautical Science
<b>Programme Leader</b>	Barbara Kelly

### Educational aims of the programme

The educational aims of the programme are that the student should be:

- Equipped to play a professional role in the maritime industry and associated professions;
- Able to demonstrate UK and internationally agreed underpinning knowledge for a Chief Mate and Master of a merchant ship;
- Able to integrate theory and practical experience through diverse learning environments in classroom, laboratory, simulation facilities.

### Target award Learning Outcomes - Diploma of Higher Education

*A student successfully completing the programme of study will have acquired the following subject knowledge and understanding as well as skills and other attributes.*

*A student who is eligible for this award will be able to:*

1. Apply navigational skills in a marine environment.
2. Demonstrate an understanding of shipboard operations including stability, seamanship, cargo and crew management.
3. Discuss the technical design of ships and related equipment.
4. Assess the business and legal environment in which shipping operates.
5. Evaluate the relationship of shipping and transportation to the environment.
6. Develop the ability to apply theoretical knowledge in a variety of marine related situations.
7. Gather information from a variety of sources.
8. Analyse situations and draw appropriate conclusions and recommendations.
9. Demonstrate cognitive skills necessary to plan, conduct and report on maritime issues.
10. Recognise the implications of professional and ethical responsibilities of the maritime industry.
11. Draw together and integrate disparate data from a variety of sources, analyse the information and apply to practical marine operations.

12. Demonstrate competence in operational procedures of vessels including coastal and open sea navigational problems, cargo operations.
13. Manage time and work to deadlines.
14. Effectively use IT for a variety of maritime and business tasks.
15. Utilise problem solving skills in a variety of theoretical and practical situations.

## Teaching, Learning and Assessment

*The methods used to enable outcomes to be achieved and demonstrated are as follows:*

Acquisition of knowledge is achieved mainly through lectures and directed student-centred learning.

Testing of the knowledge base is undertaken through unseen written examinations.

Intellectual skills are developed through case studies.

Testing of intellectual skills is through written examinations.

Professional practical skills are developed in a coordinated manner throughout the programme.

Testing of professional practical skills is through unseen written examinations.

Transferable/key skills are developed in a coordinated manner throughout the programme.

Testing of transferable/key skills is through unseen written examinations.

## Programme structure - programme rules and modules

The programme can only be studied full-time and is for professional Merchant Navy Officers to study for their Chief Mates certificate of competency. Entry requirements give students 120 L4 credits of RP(E)L (Recognition of Prior or Experiential Learning). Students are required to study and pass 120 credits at level 5 making a total of 240 credits for the award DipHE. There are three entry points each year, September, January and May.

All modules are core and are linked to STCW syllabus of IMO (International Maritime Organisation).

Level 5	Potential Awards on completion	Diploma of Higher Education
Core	Option	Award Requirements
5211NAU NAVIGATION AND STABILITY 1 (20 credits) 5212NAU NAVIGATION AND STABILITY 2 (20 credits) 5213NAU METEOROLOGY (10 credits) 5214NAU SHIPBOARD REGULATIONS (20 credits) 5215NAU ENGINEERING AND MAINTENANCE (20 credits) 5216NAU CARGO OPERATIONS (20 credits) 5217NAU SHIPBOARD PRACTICE (10 credits)		120 core credits at level 5 0 option credits at level 5

## Information about assessment regulations

All programmes leading to LJMU awards operate within the University's Academic Framework.  
<https://www.ljmu.ac.uk/about-us/public-information/academic-quality-and-regulations/academic-framework>

The following Variance to the Academic Framework was approved on 07/03/19

Successful course completion requires students to demonstrate a classroom attendance rate of at least 80% as measured by the LJMU attendance monitoring system against all timetabled teaching sessions.

The following Variance to the Academic Framework was approved on 04/07/19

The pass thresholds for modules and individual assessments in this programme are as detailed below:

\*5211NAU Navigation and Stability Operations 1 Navigation components pass at 65% Stability component pass at 60%

\*5212NAU Navigation and Stability Operations 2 Navigation component pass at 65% Stability component pass at 60%

5213NAU Meteorology pass at 50%

5214NAU Shipboard Regulation each component pass at 50%

5215NAU Engineering and Maintenance each component pass at 50%

5216NAU Cargo Operations pass at 50%

5217NAU Shipboard Practice pass at 50%

\* These modules do not carry a numerical mark (i.e. they are graded as pass/fail). These modules must be passed to achieve the award but they do not contribute towards the final Award Mark.

Boards of Examiners will take place at the end of each semester of the programme allowing referral opportunities to be offered to students within the semester following their first assessment attempt

## **Opportunities for work-related learning ( location and nature of activities)**

The programme is intended to support the achievement of a professional qualification and so is entirely work related.

## **Criteria for admission**

### **Mature entry**

The requirements for entry to the award programme are as follows:

1. Meet the requirements to obtain a Maritime & Coastguard Agency (MCA) Notice of Eligibility (NoE) to sit a Chief Mates examination. This normally requires all of following:

(a) UK unlimited Deck OOW certificate or an unlimited Deck OOW certificate recognised by MCA as equivalent to UK.

(b) Evidence of a minimum of 12 months unlimited sea service as a watchkeeper with Deck OOW including testimonials from the Master.

or

2. CertHE Nautical Science commencing prior to December 31st 2018, plus the required MCA duration of approved seatime training evidenced by an MNTB TRB and workbook.

The MCA approved seatime is currently 12 months for students who enrolled on their CertHE before 31st October 2016 and 15 months for students who enrolled on their CertHE after 31st October 2016.

Students will only be admitted onto this route provided they can complete their overall programme from the commencement of the CertHE within a time frame of five years.

Students with the entry qualifications will be awarded 120 Level 4 credits by RP(E)L (Recognition of Prior or Experiential Learning).

### **Overseas qualifications**

Students whose first language is not English will be expected to have attained IELTS 5.5 average or equivalent within the previous two years and continued to work in an environment where their level of English has continued to develop.

## **External Quality Benchmarks**

All programmes leading to LJMU awards have been designed and approved in accordance with the UK Quality Code for Higher Education, including the Framework for Higher Education Qualifications in the UK (FHEQ) and subject benchmark statements where applicable.

The University is subject to periodic review of its quality and standards by the Quality Assurance Agency (QAA) Published review reports are available on the QAA website at [www.qaa.ac.uk](http://www.qaa.ac.uk)

Programmes which are professionally accredited are reviewed by professional, statutory and regulatory bodies (PSRBs) and such programmes must meet the competencies/standards of those PSRBs.

## **Support for students and their learning**

The University aims to provide students with access to appropriate and timely information, support and guidance to ensure that they are able to benefit fully from their time at LJMU. All students are assigned a Personal Tutor

to provide academic support and when necessary signpost students to the appropriate University support services.

Students are able to access a range of professional services including:

- Advice on practical aspects of study and how to use these opportunities to support and enhance their personal and academic development. This includes support for placements and careers guidance.
- Student Advice and Wellbeing Services provide students with advice, support and information, particularly in the areas of: student funding and financial matters, disability, advice and support to international students, study support, accommodation, health, wellbeing and counselling.
- Students studying for an LJMU award at a partner organisation will have access to local support services

## **Methods for evaluating and improving the quality and standards of teaching and learning**

### **Student Feedback and Evaluation**

The University uses the results of student feedback from internal and external student surveys (such as module evaluations, the NSS and PTES), module evaluation questionnaires and meetings with student representatives to improve the quality of programmes.

### **Staff development**

The quality of teaching is assured through staff review and staff development in learning, teaching and assessment.

### **Internal Review**

All programmes are reviewed annually and periodically, informed by a range of data and feedback, to ensure quality and standards of programmes and to make improvements to programmes.

### **External Examining**

External examiners are appointed to programmes to assess whether:

- the University is maintaining the threshold academic standards set for awards in accordance with the FHEQ and applicable subject benchmark statements
- the assessment process measures student achievement rigorously and fairly against the intended outcomes of the programme(s) and is conducted in line with University policies and regulations
- the academic standards are comparable with those in other UK higher education institutions of which external examiners have experience
- the achievement of students are comparable with those in other UK higher education institutions of which the external examiners have experience

and to provide informative comment and recommendations on:

- good practice and innovation relating to learning, teaching and assessment observed by external examiners
- opportunities to enhance the quality of the learning opportunities provided to students

### **Please note:**

*This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content, teaching, learning and assessment methods of each module can be found in module and programme guides.*