PROGRAMME SPECIFICATION

Bachelor of Science with Honours in Nautical Science

Awarding institution	Liverpool John Moores University
Teaching institution	LJMU
UCAS Code	J600
JACS Code	
Programme Duration	Full-Time: 1 Year
Language of Programme	All LJMU programmes are delivered and assessed in English
Subject benchmark statement	
Programme accredited by	
Description of accreditation	
Validated target and alternative exit awards	Bachelor of Science with Honours in Nautical Science
Programme Leader	Barbara Kelly

Educational aims of the programme

The general aim of the Nautical Science programme is to develop students as independent learners and for a continued career in the Merchant Navy or in the Shipping Industry ashore. The students develop the knowledge, skills and attitudes which such an undertaking demands. A curriculum of studies is offered that collectively represents the demands of the industry. Students will complete modules which develop their aptitudes and interests and allow study in greater depth whilst continuing with modules that allow them to develop aspects of their future career including management positions in the wider maritime industry.

Target award Learning Outcomes - Bachelor of Science with Honours

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. Demonstrate practical knowledge of technological developments in the shipping industry.

2. Examine issues related to the wider shipping industry, management and business & law related to shipping.

3. Develop the ability to apply theoretical knowledge in a variety of maritime related situations.

4. Gather information from a variety of sources.

5. Analyse situations and draw appropriate conclusions and recommendations.

6. Demonstrate cognitive skills necessary to plan and conduct a report of original research.

7. Recognise the implications of professional and ethical responsibilities of the maritime industry.

8. Draw together and integrate disparate data from a variety of sources, analyse the information and apply to practical maritime operations.

9. Communicate effectively in written, verbal and visual forms to a variety of audiences and circumstances.

10. Manage time and work to deadlines.

11. Effectively use Information Technology (IT) for a variety of maritime and business tasks.

12. 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 supported tutorial work. Students will develop additional knowledge through directed student-centered learning activities.

Testing of the knowledge base is through a combination of unseen written examinations, coursework in the form of case-study reports and coursework assignment submissions.

Intellectual Skills are developed mainly through case studies, coursework assignments and supported tutorial work.

Testing of the intellectual skills is through a combination of unseen written examinations, coursework in the form of case-study reports and coursework assignment submissions.

Professional practical skills are developed in the completion of tutorial and assessed work throughout the programme and through directed student-centered learning activities within the workplace.

Testing of professional practical skills is through a combination of unseen written examinations, coursework in the form of case-study reports and coursework assignment submissions.

Transferable/key skills are developed in the completion of tutorial and assessed work throughout the programme.

Testing of transferable/key skills is through a combination of unseen written examinations, coursework in the form of case-study reports and coursework assignment submissions.

Programme structure - programme rules and modules

The programme is a top-up only degree incorporating an option for MCA Chief Mate STCW II/2 professional examinations if specific modules, 6103NAU and 6104NAU, are completed.

Students start in September and select forty optional credits for the first semester (these will be 6103NAU and 6104NAU, for those intending to complete their MCA Chief Mate STCW II/2 Certificate of Competence). The students then complete a twenty credit core module and select a twenty credit option module through the second semester. The final part of the programme is submission of a dissertation at forty credits.

For students aiming to complete MCA Chief Mate STCW II/2 external examinations, additional costs apply for these examinations. Any short course requirements to achieve their CoC will also be at additional cost.

Level 6	Potential Awards on completion	Bachelor of Science with Honours
Core	Option	Award Requirements
6101NAU NAUTICAL TECHNOLOGY (20 credits) 6102MAR Project (40 credits)	6101MAR Maritime Finance and Economics (20 credits) 6102NAU NAUTICAL MANAGEMENT (20 credits) 6103NAU PROFESSIONAL COMPETENCE 1 (20 credits) 6104MAR Global Logistics and Transport (20 credits) 6104NAU PROFESSIONAL COMPETENCE 2 (20 credits) 6106MAR Law and Insurance (20 credits)	60 core credits at level 6 60 option credits at level 6

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

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

In all of the modules, there is content directly related to the workplace, and case studies will be used to demonstrate most theoretical content.

Criteria for admission

Higher national diploma

Students with a FDSc or HND in a Nautical/Maritime related area from a UK institution.

Evidence of research methods capability at level 5 will allow direct entry, but support will be offered to students to develop their research skills prior to entry, where no evidence of previous learning in this area is available.

Other qualifications which are equivalent to the above, may also support admissions onto the programme.

Students with the entry qualifications will be awarded 120 Level 4, and 120 Level 5 credits by RP(E)L (Recognition of Prior or Experiential Learning) based on mapping the content of the entry qualifications against standard STCW content across programmes. All applicants with a UK Chief Mate Certificate of Competence will be eligible for RP(E)L. Applicants with a UK Officer of the Watch Certificate of Competence incorporating Management level STCW content will also be eligible for RP(E)L. Students with equivalent qualifications will be mapped for RP(E)L against the Operational and Management level content of STCW as contained in the LJMU DipHE in Nautical Science, or against the LJMU BSc(Hons in Maritime Business Management

Overseas qualifications
Where English is not the applicant's first language, an IELTS score of 6.0 or equivalent within the two years prior to applying for the programme.

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

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.