Overview

Programme Code	36467
Programme Title	Nautical Science
Awarding Institution	Liverpool John Moores University
Programme Type	Top-up
Language of Programme	All LJMU programmes are delivered and assessed in English
Programme Leader	Abdul Khalique
Link Tutor(s)	

Awards

Award Type	Award Description	Award Learning Outcomes
Target Award	Bachelor of Science with Honours - BSH	See Learning Outcomes Below

Alternate Award Names	

External Benchmarks

Subject Benchmark Statement	

Programme Offering(s)

Mode of Study, Mode of Delivery	Intake Month	Teaching Institution	Programme Length
Full-Time, Face to Face	September	LJMU Taught	1 Years

Aims and Outcomes

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 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.

Learning Outcomes

Code	Description
PLO1	Demonstrate practical knowledge of technological developments in the shipping industry.
PLO2	Manage time and work to deadlines.
PLO3	Effectively use Information Technology (IT) for a variety of maritime and business tasks.
PLO4	Utilise problem solving skills in a variety of theoretical and practical situations.
PLO5	Examine issues related to the wider shipping industry, management and business & law related to shipping.
PLO6	Develop the ability to apply theoretical knowledge in a variety of maritime related situations.
PLO7	Gather information from a variety of sources.
PLO8	Analyse situations and draw appropriate conclusions and recommendations.
PLO9	Demonstrate cognitive skills necessary to plan and conduct a report of original research.
PLO10	Recognise the implications of professional and ethical responsibilities of the maritime industry.
PLO11	Draw together and integrate disparate data from a variety of sources, analyse the information and apply to practical maritime operations.
PLO12	Communicate effectively in written, verbal and visual forms to a variety of audiences and circumstances.

Programme Structure

Programme Structure Description

The programme is a top-up only degree incorporating an option for studying Navigation and Ship Stability at chief mate level (modules 6103NAU and 6104NAU). Students start in September and select forty optional credits for the first semester. No specific preparation is offered for the 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.

Programme Structure - 180 credit points	
Level 6 - 180 credit points	
Level 6 Core - 60 credit points	CORE
[MODULE] 6102MAR Project Approved 2022.01 - 40 credit points	
[MODULE] 6101NAU Nautical Technology Approved 2022.01 - 20 credit points	
Level 6 Optional - 60 credit points	OPTIONAL
[MODULE] 6106MAR Law and Insurance Approved 2022.01 - 20 credit points	
[MODULE] 6104NAU Professional Competence 2 Approved 2022.01 - 20 credit points	
[MODULE] 6103NAU Professional Competence 1 Approved 2022.01 - 20 credit points	
[MODULE] 6102NAU Nautical Management Approved 2022.01 - 20 credit points	
[MODULE] 6101MAR Maritime Finance and Economics Approved 2022.02 - 20 credit points	
[MODULE] 6104MAR Global Supply Chain Management and Multimodal Logistics Approved 2022.01 - 20 credit points	

Module specifications may be accessed at https://proformas.ljmu.ac.uk/Default.aspx

Teaching, Learning and Assessment

Acquisition of knowledge is achieved mainly through lectures and supported tutorial work. Students will develop additional knowledge through directed student-centred 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-centred 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.

Opportunities for work related learning

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

Entry Requirements

Type	Description
Access awards	**Access to Higher Education Diploma acceptability:** N/A
Welsh awards	**Welsh Baccalaureate:** N/A
International Baccalaureate	**International Baccalaureate:** N/A
T levels	**T Level requirements:** Not applicable
IELTS	6.0 (minimum of 5.5 in each component) or [equivalent English language proficiency test]().
Alternative qualifications considered	This is a top-up programe and therefore designed for students who have completed previous academic study in this subect area. To secure entry to the programme, students will require either: 240 credits (equivalent to levels 4 and 5) from a relevant degree programme. A Foundation Degree (FD(A) / FD (SC)), in a relevant subject discipline. A HND in a relevant subject discipline. If you have any questions regarding your eligibility, please contact the Faculty of Engineering and Technology, for more information.
Irish awards	**Irish Leaving Certificate:** N/A
BTECs	**National Certificate (RQF):** N/A **National Extended Certificate:** N/A **National Diploma (RQF):** N/A **National Extended Diploma (RQF):** N/A

Reduced offer scheme	As part of LJMU's commitment to widening access we offer eligible students entry to their chosen course at a reduced threshold of up to 16/8 UCAS points. This applies if you are a student who has been in local authority care or if you have participated in one of LJMU's sustained outreach initiatives, e.g. Summer University. Please contact the admission office for further details.
GCSEs and equivalents	Prior to starting the programme applicants must have obtained Grade C or Grade 4 or above in English Language and Mathematics GCSE or an approved alternative qualification below: Key Skills Level 2 in English/Maths NVQ Level 2 Functional skills in Maths and English Writing and or Reading Skills for Life Level 2 in Numeracy/English Higher Diploma in Maths/English Functional Skills Level 2 in Maths/English Northern Ireland Essential Skills Level 2 in Communication or Application of Number Wales Essential Skills Level 2 in Communication or Application of Number
Interview required	**Will I be interviewed?** No interview required (UCAS application form only)
A levels	**Is general studies acceptable?** N/A **Are AS level awards acceptable?** N/A

Extra Entry Requirements

Can this course be deferred? Yes **Is a DBS check required?** No