

Masters degree program Offshore oil and gas technology and management.  
Fundamental domain Engineering sciences  
Field of Masters University Studies Marine Engineering and Navigation  
Faculty Navigation and Naval Transport  
The duration of studies. 2 years  
Form of Education: Full time studies  
Type of Masters Degree Professional

**CURRICULUM**  
Year I (2022-2023)

Nr. crt.	Course title	Course code	Type	Semester I - 14 weeks							Semester II - 14 weeks						
				C	S	L	P	SI	FV	Cr.	C	S	L	P	SI	FV	Cr.
1	Offshore Mooring	TO 1.1.1	DS	1	2			58	E	4							
2	Offshore Ships and Equipments	TO 1.1.2	DS	2	1			83	E	5							
3	Offshore Ships and Equipments - Project	TO 1.1.3	DS				1	36	P	2							
4	Process Plants For Crude Oil and Natural Gas	TO 1.1.4	DS	2	2			69	E	5							
5	Optimization Methods in Offshore Operations	TO 1.1.5	DA	1	2			83	C	5							
6	Monitoring Cyber Security Maritime	TO 1.1.6	DC	2	2			69	E	5							
7	Practical Training 1	TO 1.1.7	DS				9		C	4							
8	Human Factor and Organisational Issues	TO 1.2.1	DA								2	1			83	E	5
9	Dredging Processes	TO 1.2.2	DS								2	2			69	C	5
10	Investment and Reliability Analysis	TO 1.2.3	DA								2	1			83	E	5
11	Technical Safety and Security	TO 1.2.4	DS								1	2			83	E	5
12	Technical Safety and Security- Project	TO 1.2.5	DS										1		36	P	2
13	Maritime Operations	TO 1.2.6	DS								2	1			58	C	4
14	Practical Training 2	TO 1.2.7	DS											9		C	4
Total hours per semester, total exams per semester and total credits per semester, at compulsory and elective disciplines; DA= discipline of study, DS= specialized discipline				8	9	0	10	398	4E+2 C+1P	30	9	7	0	10	412	3E+3C+1P	30
				27			28,42				26			29,42			

Note<sup>1</sup>: The number of hours of individual study/course/semester is calculated using the formula: SI = CP x 25 - 14 (C+S+L+P)  
C - Course; S-seminar; L - Laboratory; P - Project; And - individual study; FV - verification form; CR - Assigned credit points, e-exam, C-colloquium, DI-Mandatory Disciplines, Optional Documents, Yes-Deputy Disciplines, DS-Synthesis Discipline, DC-Complementary Discipline, AA- Assisted Activity, Partial Assisted (Specialty Practice, Practice Development Dissertation), year - Unassisted activity (individual study)

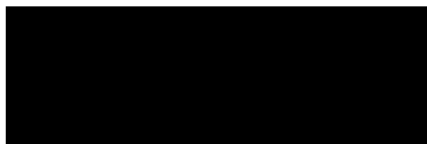
DEAN  
Prof. Costel Stanca, PhD.

DIRECTOR OF STUDIES  
Prof. [Redacted], PhD

Nr. crt.	Course title	Course code	Type	Semester I - 14 weeks							Semester II - 14 weeks						
				C	S	L	P	SI	FV	Cr.	C	S	L	P	SI	FV	Cr.
1	Volunteering	TO 1.1.8/ TO 1.2.8	OS		1			36	C	2		1			36	C	2
OS 2	Cyber Security Introduction	TO 1.1.9	OS	2		2		69	C	5							
Total hours per semester, total exams per semester and total credits per semester, at optional subjects				2	1	2	0	105	2C	7	0	1	0	0	36	1C	2
				5				7,50				1			2,57		

**Note<sup>1</sup>:** The number of hours of individual study/course/semester is calculated using the formula:  $SI = CP \times 25 - 14 (C+S+L+P)$   
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DEAN  
Prof. Costel Stanca, PhD.



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Prof. Pauli [Redacted] PhD

