



CURRICULUM

Professional orientation: **Transport, Navigation and Aviation**

Program: **Shipping**

Professional qualification: **Transport Engineer**

Educational and qualifical degree: **Bachelor**

Form of study: **Full - Time**

Term of study: **4 years / 8 semesters**

No	Subject Name	Types of term control				Semester auditorium load					Unsupervised load	Total work hours	ECTS credits
		E	PA	CP	A	L	S	L	CP CPR	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Higher Mathematics, part 1	1				15	45			60	115	175	7
2	Computer Science and Computer Technology	1				15		15		30	75	105	4
3	Commodity Science		1			30		30		60	90	150	6
4	Engineering Graphics				1	15	15			30	75	105	4
5	First Medical Aid		1			30		15		45	60	105	4
6	English, part 1		1				45			45	60	105	4
7	Elective Subject				1						30	30	1
7a	Specialized Sport Activities, part 1				1						30	30	1
7b	Sport and Social Adaptation, part 1				1						30	30	1
Total for the 1 semester:		2	3		2	105	105	60		270	505	775	30
8	Higher Mathematics, part 2	2				30	30			60	70	130	5
9	Seamanship	2				30		30		60	90	150	6
10	Technical Mechanics		2			30	15			45	60	105	4
11	Physics	2				30		15		45	60	105	4
12	Basic Training on Safety Issues		2			30		30		60	90	150	6
13	English, part 2		2				45			45	60	105	4
14	Elective Subject				2						30	30	1
14a	Specialized Sport Activities, part 2				2						30	30	1
14b	Sport and Social Adaptation, part 2				2						30	30	1
Total for the 2 semester:		3	3		1	150	90	75		315	460	775	30
15	International Maritime Conventions	3				30	15			45	90	135	5
16	Leadership and Teamwork	3				15	15			30	105	135	5
17	Methods and Means for Environmental Preservation	3				15	15			30	75	105	4
18	Safety of Navigation	3				30	15			45	105	150	6
19	Electrical Engineering and Electronics		3			30		15		45	90	135	5
20	English, part 3		3				45			45	90	135	5
21	Elective Subject				3						30	30	1
21a	Specialized Sport Activities, part 3				3						30	30	1
21b	Sports Management, part 1				3						30	30	1

No	Subject Name	Types of term control				Semester auditorium load					Unsupervised load	Total work hours	ECTS credits
		E	PA	CP	A	L	S	L	CP CPR	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total for the 3 semester:		4	2		1	120	105	15		240	585	825	31
22	Meteorology and Oceanography	4				45	15	15		75	75	150	6
23	Navigation I, part 1	4				30	15	15		60	90	150	6
24	Ship Theory and General Arrangements	4				30	30			60	90	150	6
25	English, part 4		4				45			45	90	135	5
26	Elective Subject				4						30	30	1
26a	Specialized Sport Activities, part 4				4						30	30	1
26b	Sports Management, part 2				4						30	30	1
27	Ship Training				4						480	480	16
Total for the 4 semester:		3	1		2	105	105	30		240	855	1095	40
28	Navigation I, part 2	5				30		30		60	90	150	6
29	Ships Operation and Cargo Handling, part 1	5				30	15			45	90	135	5
30	On Shipboard Damage Control	5				30	30			60	75	135	5
31	Pilotage	5				15	15			30	75	105	4
32	English, part 5		5				45			45	90	135	5
33	Ship Power Plants	5				30		15		45	90	135	5
Total for the 5 semester:		5	1			135	105	45		285	510	795	30
34	Modern Systems for Navigation	6				45		15		60	60	120	4
35	Technical Aids to Navigation	6				30	15	15		60	60	120	4
36	English, part 6		6				45			45	60	105	4
37	Principles of Shipping Business	6				15		30		45	80	125	5
38	Ships Operation and Cargo Handling, part 2	6				30	15			45	90	135	5
39	Ship Commercial Operation	6				30		30		60	60	120	4
40	Specialised Training in Ports				6						120	120	4
Total for the 6 semester:		5	1		1	150	75	90		315	530	845	30
41	Principles of Maritime Law	7				30		30		60	90	150	6
42	Ship Management	7				30		30		60	90	150	6
43	English, part 7		7				45			45	90	135	5
44	Organization and Management of Ports		7			30		15		45	105	150	6
45	Ship Agency	7				30	30			60	75	135	5
46	Collision Regulations	7						45		45	90	135	5
Total for the 7 semester:		4	2			120	75	120		315	540	855	33
47	English Simulator in Emergencies		8					45		45	75	120	4
48	Geography of Sea Routes	8				30	15			45	90	135	5
49	GMDSS (Global Maritime Distress and Safety System)	8				30		30		60	90	150	6
50	English, part 8	8					60			60	90	150	6
51	Ship Maintenance	8				30	30			60	75	135	5
Total for the 8 semester:		4	1			90	105	75		270	420	690	26
Total for all courses of education:		30	14		7	975	765	510		2250	4405	6655	250

Facultative subjects

No	Subject Name	Types of term control				Semester auditorium load incl:					Unsuper-vised load	Total work hours	ECTS credits
		E	PA	CP	A	L	S	L	CP CPR	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Types of graduation	Semester	Unsupervised load	ECTS credits
State Examination in English	8	300	10
State Examination to the Speciality	8		
Preparation for State Examination	8		

Note:

The curriculum is valid for teaching in Bulgarian and English language.

Accepted from AU with

Protocol No 32 / 29.06.2018

Valid from the 2018 / 2019 academic year.

The weekly allocation of the classes is fixed according to the "Structure of the Learning Process" Academic Board adopted for the current academic year.

Head of Department NT:

/ Assoc. Prof. PhD Dyakov B. /

Dean of Faculty FSB:

/ Assoc. Prof. PhD Hadzhidimov I. /