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| **National University «Odessa Maritime Academy»** | |
| **Study Programme: Marine Power Plants Operation and Maintenance** |

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| **No.** | **Subject** | **ECTS** | **No. hour** | | | **Examination** | **Year/** | **Pass/**  **Grade** |
| **C** | **S,L,P** | **form** | | **Sem.** |
|  | History and Culture of Ukraine | 4 | 32 | 18 | E | | I/1 |  |
|  | Shipboard Engineering Practice | 3 | 26 | 20 | E | | I/1 |  |
|  | Safety and Security at Sea | 6 | 42 | 60 | E | | I/1 |  |
|  | English Language | 6 |  | 112 | PV/PV | | I/1,2 |  |
|  | Higher Mathematics | 10 | 64 | 70 | E/E | | I/1,2 |  |
|  | Physics | 10 | 86 | 64 | E/E | | I/1,2 |  |
|  | Descriptive Geometry and Engineering Graphics | 3 | 24 | 16 | E | | I/2 |  |
|  | Information Technologies | 5 | 30 | 36 | E | | I/2 |  |
|  | Technology of Materials and Ship Equipment Repair | 4 | 30 | 30 | E | | I/2 |  |
|  | Technological practical training | 7 |  | 210 | PV | | I/2 |  |
|  | Industrial training (technological or shipboard according to the type)\*\*\* | 2 |  |  | PV | | I/2 |  |
|  |  |  |  |  |  | |  |  |
|  | English Language | 3 |  | 48 | E | | II/3 |  |
|  | Ship`s Construction and Seaworthiness | 4 | 32 | 24 | E | | II/3 |  |
|  | Classical and Applied Mechanics | 5 | 36 | 36 | E | | II/3 |  |
|  | Industrial Chemistry | 2 | 16 | 16 | PV | | II/3 |  |
|  | Strength of Materials | 3 | 16 | 24 | E | | II/3 |  |
|  | Human Safety and Environment Protection | 3 | 24 | 16 | E | | II/3 |  |
|  | Philosophy | 4 | 32 | 16 | E | | II/3 |  |
|  | Termohydrodynamic Processes | 9 | 58 | 68 | E | | II/4 |  |
|  | Electronics and Electronic Control Devices | 3 | 24 | 24 | E | | II/4 |  |
|  | Electrical Engineering and Electric Machines | 4 | 28 | 36 | E | | II/4 |  |
|  | Theory of Economics | 3 | 18 | 18 | E | | II/4 |  |
|  | Metrology and Heat Engineering Measurements | 2 | 16 | 16 | PV | | II/4 |  |
|  | Society and State | 3 | 16 | 24 | PV | | II/4 |  |
|  | Organization of Collective Action and Leadership | 3 | 28 | 26 | PV | | II/4 |  |
|  | Educational components of voluntary selection\*\*\*\* | 3 |  |  |  | | II/4 |  |
|  | Industrial training (technological or shipboard according to the type)\*\*\* | 6 |  |  | PV | | II/4 |  |
|  |  |  |  |  |  | |  |  |
|  | Marine Refrigerating Engineering | 2 | 14 | 20 | PV | | III/5 |  |
|  | Industrial training (technological or shipboard according to the type)\*\*\* | 27 |  |  | PV/PV | | III/5,6 |  |
|  | Ship`s Auxiliary Installations and Systems | 9 | 52 | 80 | E/E | | III/5,6 |  |
|  | Ship`s Turbine and Boiler Plants | 7 | 46 | 62 | PV/E | | III/5,6 |  |
|  | Maritime Law | 4 | 24 | 24 | E | | III/6 |  |
|  | Marine Internal Combustion Engines | 3 | 16 | 32 | PV | | III/6 |  |
|  | Radio Equipment and Communication Systems | 2 | 12 | 12 | PV | | III/6 |  |
|  | Theory and Means of Ship`s Power Plants Operation | 3 | 24 | 24 | E | | III/6 |  |
|  | Educational components of voluntary selection\*\*\*\* | 3 |  |  |  | | III/6 |  |
|  |  |  |  |  |  | |  |  |
|  | Marine Electrical Engineering | 4 | 30 | 34 | E | | IV/7 |  |
|  | Maritime Pollution Prevention from Vessels | 3 | 20 | 20 | E | | IV/7 |  |
|  | Working Media Utilization Practices | 2 | 10 | 20 | PV | | IV/7 |  |
|  | Marine Internal Combustion Engines | 3 | 16 | 24 | E | | IV/7 |  |
|  | Marine Power Plant Automation | 4 | 20 | 48 | E | | IV/7 |  |
|  | Marine Resources Management | 2 | 20 | 10 | PV | | IV/7 |  |
|  | Industrial training (technological or shipboard according to the type)\*\*\* | 18 |  |  | PV | | IV/7 |  |
|  | Professional Ukrainian | 4 |  | 40 | E | | IV/8 |  |
|  | Use of International Convention and Standards on Board Ship | 2 | 10 | 20 | PV | | IV/8 |  |
|  | Ship Power Plant Machinery Operation Control and Safe Watchkeeping | 3 | 20 | 30 | E | | IV/8 |  |
|  | Ship Technical Equipment Maintenance, Diagnostics and Repair | 4 | 20 | 40 | E | | IV/8 |  |
|  | Marine Power Plant Safe Management | 3 | 10 | 30 | E | | IV/8 |  |
|  | Educational components of voluntary selection\*\*\*\* | 2 |  |  |  | | IV/8 |  |
|  | Bachelor’s thesis completion | 6 |  |  |  | | IV/8 |  |
|  |  |  |  |  |  | |  |  |