

**PANAMA MARITIME INTERNATIONAL UNIVERSITY**  
**FACULTY OF MARITIME TRANSPORT**  
**MARITIME ADMINISTRATION SCHOOL**  
***ENGINEER DEGREE IN MARITIME TRANSPORT MARITIME INDUSTRIES AND PORTS (2014)***

**FIRST YEAR**

No.	CODE	I SEMESTER	FIELD	T	P	Cr
1	313	CALCULUS I	Scientific-Humanistic	3	2	4
2	418	PHYSIC I	Scientific-Humanistic	3	2	4
3	150	ELEMENTARY CHEMISTRY	Scientific-Humanistic	2	2	3
4	35	MARITIME TRANSPORTATION INTRODUCTIONS	Specialty	2	2	3
5	853	PRINCIPLE OF ADMINISTRATION	Administrative and Management	3	0	3
6	111	ORAL AND WRITING COMUNICATIONS	Scientific-Humanistic	2	0	2
7	751	HISTORY OF PANAMA	Scientific-Humanistic	2	0	2
<b>TOTAL</b>				<b>17</b>	<b>8</b>	<b>21</b>

No.	CODE	II SEMESTER	FIELD	T	P	Cr
1	316	CALCULUS II	Scientific-Humanistic	3	2	4
2	322	PHYSICS II	Scientific-Humanistic	3	2	4
3	78	GENERAL ACCOUNTING	Administrative and Management	2	2	3
4	844	ADMINISTRATION OF HUMAN TALENT	Administrative and Management	3	0	3
5	565	NAUTICAL SCIENCIES INSTRODUCTIONS	Specialty	2	2	3
6	553	PANAMA CANAL OPERATIONS	Scientific-Humanistic	1	2	2
7	167	PANAMA MARITIME GEOGRAPHY AND THE WORLD	Specialty	2	0	2
8	145	MARITIME ECOLOGY	Specialty	2	2	3
<b>TOTAL</b>				<b>18</b>	<b>12</b>	<b>24</b>

**SECOND YEAR**

No.	CODE	I SEMESTER	FIELD	T	P	Cr
1	403	DIFFERENTIAL EQUATIONS	Scientific-Humanistic	3	2	4
2	101	MARITIME TRANSPORTATIONS ECONOMY	Specialty	2	2	3

3	204	SCIENCE AND TECHNOLOGY OF MATERIALS COST ACCOUNTING FUNDAMENTALS OF NAVIGATION PORTS ENGINEERING OPERATIONS	Scientific-Humanistic	2	2	3
4	333	ACCOUNTING COST	Administrative and Management	2	2	3
5	785	FUNDAMENTALS OF SAILING	Specialty	2	2	3
6	115	PORTS ENGINEERING OPERATIONS	Specialty	2	2	3
7	346	MARITIME INDUSTRIES AUXILIARIES I	Specialty	2	2	3
<b>TOTAL</b>				<b>15</b>	<b>14</b>	<b>22</b>

No.	CODE	II SEMESTER	FIELD	T	P	Cr
1	436	HIGHER MATHEMATICS FOR ENGINEERS	Scientific-Humanistic	3	2	4
2	845	ELEMENTAL STATICS	Scientific-Humanistic	3	0	3
3	485	LOGISTIC INTRODUCTIONS	Specialty	2	2	3
4	839	MARITIME SECURITY	Specialty	2	2	3
5	793	APPLIED TO STABILITY OPERATIONS VESSEL	Specialty	2	2	3
6	350	MARITIME INDUSTRIES AUXILIARIES II	Specialty	2	2	3
7	562	MARITIME LAW PRINCIPLE	Specialty	2	2	3
<b>TOTAL</b>				<b>16</b>	<b>12</b>	<b>22</b>

No.	CODE	SUMMER	FIELD	T	P	Cr
1	251	FINANCE ADMINISTRATIONS	Administrative and Management	2	2	3
2	791	LINEAR DRAWING AND TECHNICAL	Scientific-Humanistic	2	2	3
3	792	PROFESSIONAL ETHICS	Scientific-Humanistic	2	0	2
<b>TOTAL</b>				<b>6</b>	<b>4</b>	<b>8</b>

### THIRD YEAR

No.	CODE	I SEMESTER	FIELD	T	P	Cr
1	794	INFORMÁTICA APLICADA PARA INGENIEROS	Scientific-Humanistic	2	2	3
2	185	SUPPLY CHAINS MANAGEMENT	Specialty	2	2	3
3	795	INSURANCES AND MARITIME CLAIMS	Specialty	2	2	3
4	796	ADMINISTRATION AND OPERATION OF NAVAL INDUSTRIES	Specialty	2	2	3
5	846	LABOR LAW	Specialty	3	0	3
6	797	STATISTICS APPLIED TO MARITIME SECTOR	Specialty	2	2	3
7	847	PRINCIPLES OF METHODOLOGY OF SCIENTIFIC RESEARC	Specialty	3	0	3
8	392	ENGLISH I	Scientific-Humanistic	2	2	3
<b>TOTAL</b>				<b>18</b>	<b>12</b>	<b>24</b>

No.	CODE	II SEMESTER	FIELD	T	P	Cr
1	798	CUSTOMS AND LOGISTICS ACTIVITIES AREAS	Specialty	2	2	3

2	799	AIR AND LAND TRANSPORTATIONS	Specialty	3	0	3
3	800	BUSINESS AND OPERATIONS OF THE BUNKER	Specialty	2	2	3
4	358	INDUSTRIAL SAFETY AND STANDARDS ISO	Specialty	2	2	3
5	801	ADVANCES AND MARINE TECHNOLOGIES	Specialty	2	2	3
6	456	PROJECTS ADMINISTRATION	Specialty	2	2	3
7	429	ENGLISH II	Scientific-Humanistic	2	2	3
<b>TOTAL</b>				<b>15</b>	<b>12</b>	<b>21</b>

No.	CODE	SUMMER	FIELD	T	P	Cr
1	244	ENTREPREUNERSHIPS	Specialty	2	2	3
2	182	MARKETING STRATEGY AND MARITIME SERVICES	Specialty	3	0	3
3	841	OPTIONAL SUBJECT 1	Optativa	2	2	3
<b>TOTAL</b>				<b>7</b>	<b>4</b>	<b>9</b>

#### FOURTH YEAR

No.	CODE	I SEMESTER	FIELD	T	P	Cr
1	189	PORT MANAGERMENTS	Specialty	3	0	3
2	802	PORT ECONOMY	Specialty	3	0	3
3	803	COMMERCIAL LAW AND PORT REGULATIONS	Specialty	3	0	3
4	804	PORT-CITY RELATIONSHIP	Specialty	2	2	3
5	805	PORT STRUCTURE MARKETING AND TARIFF	Specialty	3	0	3
6	806	PORT SECURITY AND RISK MANAGEMENT (ISPS)	Specialty	2	2	3
7	554	ENGLISH III	Scientific-Humanistic	2	2	3
<b>TOTAL</b>				<b>18</b>	<b>6</b>	<b>21</b>

No.	CODE	II SEMESTER	FIELD	T	P	Cr
1	807	PERFORMANCE MEASUREMENT AND PORT TERMINALS	Specialty	3	0	3
2	491	PORT PLANNING	Specialty	2	2	3
3	808	MAINTENANCE PORT	Specialty	2	2	3
4	809	TERMINALS AND HANDLING	Specialty	2	2	3
5	810	SUPERVISION AND OPERATION LOADING	Specialty	2	2	3
6	811	DANGEROUS CARGO HANDLING AND PUERTO PERISHABLE	Specialty	3	0	3
7	812	ENGLISH MARITIME SPECIALIST	Specialty	3	2	4
<b>TOTAL</b>				<b>17</b>	<b>10</b>	<b>22</b>

No.	CODE	II SEMESTER	FIELD	T	P	Cr
1	329	OPERATIONS AND MANAGEMENT OF FREIGHT I	Specialty	2	2	3
2	186	INTERNATIONAL TRADE	Specialty	3	0	3
3	347	MARITIME POLICY AND INTERNATIONAL ORGANIZATIONS	Specialty	3	0	3
4	842	OPTIONAL SUBJECT 2	Optativa	2	2	3

<b>TOTAL</b>			<b>10</b>	<b>4</b>	<b>12</b>

**FIFTH YEAR**

<b>No.</b>	<b>CODE</b>	<b>SUMMER</b>	<b>FIELD</b>	<b>T</b>	<b>P</b>	<b>Cr</b>
1	195	GRADUATE WORK	Specialty	2	8	6
<b>TOTAL</b>				<b>2</b>	<b>8</b>	<b>6</b>
<b>TOTAL PLAN</b>				<b>159</b>	<b>106</b>	<b>212</b>

<b>PREREQUISITES</b>
N/T
N/T
N/T
N/T
N/T
N/T
N/T

<b>PREREQUISITES</b>
313
418
N/T
853
N/T
751
N/T
N/T

<b>PREREQUISITES</b>
316
35

322
78
565
35
N/T

<b>PREREQUISITES</b>
316
316
N/T
N/T
565
346
N/T

<b>PREREQUISITES</b>
78
N/T
N/T

<b>PREREQUISITES</b>
N/T
485
562
333
562
32
N/T
N/T

<b>PREREQUISITES</b>
485

N/T
350
N/T
N/T
244
392

<b>PREREQUISITES</b>
N/T
N/T
N/T

<b>PREREQUISITES</b>
N/T
101
562
N/T
185
839
429

<b>PREREQUISITES</b>
N/T
189
N/T
329
N/T
329
554

<b>PREREQUISITES</b>
N/T
N/T
N/T
N/T

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<b>PREREQUISITES</b>
N/T