

MARITIME - DECK OFFICER, BACHELOR OF SCIENCE

Course Sequence Guide 3 Year Deck Officer

For those entering with a bachelor's degree

Course	Title	Credits
First Year		
Fall		
MNS 100	Naval Science	2
MDK 104	Rigging & Ship Maintenance Lab	1
MNG 105	Shipboard Information Systems	3
MDK 106	Watchstanding I	1
MDK 149	Damage Control & Safety	2
MDK 330	Medical First Aid Provider	2
MTH 122	Trigonometry	3
PHY 105	Physics of the World Around Us	4
Credits		18

Spring		
MDK 112	Rules of the Nautical Road	2
MDK 121	Navigation I	3
MDK 122	Navigation I Lab	1
MDK 331	Electronic Navigation	3
MDK 332	Electronic Navigation Lab	1
MDK 333	Automatic Radar Plotting Aids	1
MDK 341	Ship Construction	2
Group 1 Humanities Elective		3
Credits		16

Summer		
MDK 100	Survival at Sea	1
MNG 100	Intro to Vessel Operations	1
MDK 210	Deck Sea Project I ²	6
Credits		8

Second Year		
Fall		
MDK 200	Ship Business & Labor Relation	3
MDK 221	Lakes Piloting (Nav II)	2
MDK 242	Ship Stability	3
MDK 404	Marine Supervisory Lab	1
MDK 411	Marine Communications	2
ENV 117	Meteorology & Climatology ¹	4
PHL 202	Contemporary Ethical Dilemmas	3
Credits		18

Spring		
MDK 206	Watchstanding II	1
MDK 222	River Piloting	3
MDK 324	Navigation III	3
MDK 345	Dry Cargo Stowage	3
MDK 445	Liquid Cargo Stowage	2

MDK 450	Vessel & Port Security Officer	2
MDK 454	GMDSS	3
Credits		17

Summer		
MDK 311	Deck Sea Project II ²	6
Credits		6

Third Year		
Fall		
MDK 431	ECDIS	3
MDK 446	Bridge Resource Management	3
MDK 448	Pilot/Mate License Prep	4
MGT 241	Principles of Management	3
Credits		13

Spring		
MDK 312	Deck Sea Project III ²	6
Credits		6

Total Credits **102**

¹ General education classes

² Sailing projects on training or commercial ships

Course	Title	Credits
GLMA approved transfer credits		18
Maritime/Sea Projects Credit Hours		82
NMC Credit Hours		20
BSMT Degree requires 120 credit hours. Classes indicated as tested out (TO) or waived (W) must be replaced with classes approved by department head.		
Cadets must earn a minimum of 2.0 grade in all Maritime, NMC and transfer classes.		
Total Credits		120

Requirements/Certifications

- MARAD Basic and Advanced Firefighting
- Personal Safety & Social Responsibility Training
- Completed Sea Days (300 Required)
- In Port Sea Days (30 required)

4 Year Deck Officer

Course	Title	Credits
First Year		
Fall		
MNS 100	Naval Science	2
MDK 104	Rigging & Ship Maintenance Lab	1
MNG 105	Shipboard Information Systems	3
MDK 106	Watchstanding I	1
ENG 111	English Composition ¹	4
MTH 121	College Algebra ¹	4
Credits		15

Spring		
MDK 112	Rules of the Nautical Road	2
MDK 121	Navigation I	3
MDK 122	Navigation I Lab	1

MDK 149	Damage Control & Safety	2
ENG 112	English Composition ¹	4
MTH 122	Trigonometry ¹	3
Credits		15
Summer		
MDK 100	Survival at Sea	1
MNG 100	Intro to Vessel Operations	1
MDK 210	Deck Sea Project I ²	6
Credits		8
Second Year		
Fall		
MDK 200	Ship Business & Labor Relation	3
MDK 221	Lakes Piloting (Nav II)	2
MDK 242	Ship Stability	3
MDK 404	Marine Supervisory Lab	1
PHY 105	Physics of the World Around Us ¹	4
PHY 105L	Physics/World Around Us Lab	0
Credits		13
Spring		
MDK 222	River Piloting	3
MDK 330	Medical First Aid Provider	2
MDK 331	Electronic Navigation	3
MDK 332	Electronic Navigation Lab	1
MDK 333	Automatic Radar Plotting Aids	1
MDK 345	Dry Cargo Stowage	3
MDK 445	Liquid Cargo Stowage	2
Credits		15
Summer		
TOAR / Pilots / Sea Days		
Credits		0
Third Year		
Fall		
MDK 311	Deck Sea Project II ²	6
Credits		6
Spring		
MDK 206	Watchstanding II	1
MDK 341	Ship Construction	2
MDK 324	Navigation III	3
ENV 117	Meteorology & Climatology ¹	4
ENV 117L	Meteorology & Climatology Lab	0
Group 1 Humanities Elective		3
Group 1 Social Science Elective		3
Credits		16
Summer		
MDK 312	Deck Sea Project III ²	6
Credits		6
Fourth Year		
Fall		
MDK 411	Marine Communications	2
MDK 431	ECDIS	3
MDK 446	Bridge Resource Management	3

MDK 448	Pilot/Mate License Prep	4
Credits		12
Spring		
MDK 450	Vessel & Port Security Officer	2
MDK 454	GMDSS	3
PHL 202	Contemporary Ethical Dilemmas ¹	3
MGT 241	Principles of Management ¹	3
General Elective		3
Credits		14
Total Credits		120

¹ General education classes

² Sailing projects on training of commercial ships

Course	Title	Credits
Maritime/Sea Projects Credit Hours		82
NMC Credit Hours		38
BSMT Degree requires 120 credit hours. Classes indicated as tested out (TO) or waived (W) must be replaced with classes approved by department head.		
Cadets must earn a minimum of 2.0 grade in all Maritime, NMC and transfer classes.		
Total Credits		120

REQUIREMENTS/CERTIFICATIONS

- First Aid/CPR/AED
- Firefighting
- Personal Safety & Social Responsibility Training
- Completed Sea Days
- In Port Sea Days (24 required)
- MDK 100 Survival at Sea completion date