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	
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	
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	
	Credits	13
Spring		
MDK 312	Deck Sea Project III ²	6
	Credits	6
	Total Credits	102
	Total Credits	1

¹ General education classes

² Sailing projects on training or commercial ships

Course	Title	C	redits
GLMA appro	oved transfer credi	ts	18
Maritime/Se	ea Projects Credit	Hours	82
NMC Credit	Hours		20
5	waived (W) must b	dit hours. Classes indicated as tested e replaced with classes approved by	
Cadets mus transfer clas		of 2.0 grade in all Maritime, NMC and	
Total Credit	S		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 First Year Fall	Title	Credits
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	
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
	Liquid Cargo Stowage	2
MDK 445	Liquiu Cargo Stowage	2
MDK 445	Credits	15
Summer		
	Credits	
Summer	Credits	
Summer	Credits	15
Summer TOAR / Pilots / Sea D	Credits	15
Summer TOAR / Pilots / Sea D Third Year	Credits	15
Summer TOAR / Pilots / Sea D Third Year Fall	Credits ays Credits	0
Summer TOAR / Pilots / Sea D Third Year Fall	Credits ays Credits Deck Sea Project II ²	15 0 6
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311	Credits ays Credits Deck Sea Project II ²	15 0 6
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring	Credits ays Credits Deck Sea Project II ² Credits	0 6 6
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II	15 0 6 6 1
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction	15 0 6 6 1 2
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III	15 0 6 6 1 2 3
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324 ENV 117	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III Meteorology & Climatology ¹ Meteorology & Climatology Lab	15 0 6 6 1 2 3 4
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324 ENV 117 ENV 117L	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III Meteorology & Climatology ¹ Meteorology & Climatology Lab Elective	15 0 6 1 2 3 4 0
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324 ENV 117 ENV 117L Group 1 Humanities E	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III Meteorology & Climatology ¹ Meteorology & Climatology Lab Elective	15 0 6 6 1 2 3 4 0 3
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324 ENV 117 ENV 117L Group 1 Humanities E	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III Meteorology & Climatology ¹ Meteorology & Climatology Lab Elective ce Elective	15 0 6 6 1 2 3 4 0 3 3 3
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324 ENV 117 ENV 117L Group 1 Humanities E Group 1 Social Science	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III Meteorology & Climatology ¹ Meteorology & Climatology Lab Elective ce Elective	15 0 6 6 1 2 3 4 0 3 3 3
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324 ENV 117 ENV 117L Group 1 Humanities E Group 1 Social Science Summer	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III Meteorology & Climatology ¹ Meteorology & Climatology Lab Elective Credits Credits	15 0 6 6 1 2 3 4 0 3 3 3 16
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324 ENV 117 ENV 117L Group 1 Humanities E Group 1 Social Science Summer	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III Meteorology & Climatology ¹ Meteorology & Climatology 1 Meteorology & Climatology Lab Elective Credits Deck Sea Project III ²	15 0 6 6 1 2 3 4 0 3 3 4 0 3 3 16 6
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324 ENV 117 ENV 117L Group 1 Humanities E Group 1 Social Science Summer MDK 312	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III Meteorology & Climatology ¹ Meteorology & Climatology 1 Meteorology & Climatology Lab Elective Credits Deck Sea Project III ²	15 0 6 6 1 2 3 4 0 3 3 4 0 3 3 16 6
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324 ENV 117 ENV 117L Group 1 Humanities E Group 1 Social Science Summer MDK 312 Fourth Year	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III Meteorology & Climatology ¹ Meteorology & Climatology 1 Meteorology & Climatology Lab Elective Credits Deck Sea Project III ²	15 0 6 6 1 2 3 4 0 3 3 4 0 3 3 16 6
Summer TOAR / Pilots / Sea D Third Year Fall MDK 311 Spring MDK 206 MDK 341 MDK 324 ENV 117 ENV 117L Group 1 Humanities E Group 1 Social Science Summer MDK 312 Fourth Year Fall	Credits ays Credits Deck Sea Project II ² Credits Watchstanding II Ship Construction Navigation III Meteorology & Climatology ¹ Meteorology & Climatology Lab Elective Credits Deck Sea Project III ² Credits	15 0 6 6 1 2 3 4 0 3 3 4 0 3 3 16 6 6 6

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

General education classes
 Sailing projects on training of commercial ships

Course	Title	Ci	edits
Maritime/Sea	a Projects Credit H	lours	82
NMC Credit H	lours		38
5	aived (W) must be	dit hours. Classes indicated as tested replaced with classes approved by	
Cadets must	earn a minimum o	of 2.0 grade in all Maritime, NMC and	
transfer class	ses.		
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