

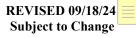
**Total Units: 113 (core classes + amount not transferred in)** 

NAU 410 License Seminar

NAU 410L License Seminar Lab

NAU 415 Transportation Security

## MARINE TRANSPORTATION MAJOR 3-YEAR♦ TRANSFER DEGREE **CURRICULUM ROADMAP**



FALL TERM FIRST YEAR  DL 105 Marine Survival ♣  DL 105L Marine Survival Lab ♣  DL 105X USCG Lifeboatman's Exam ♣  DL 115 Marlinspike ♣  NAU 102 Navigation I ♣  NAU 102L Navigation I Lab ♣  NAU 103 Introduction to Marine Transportation ♣  [Lifelong Learning & Self Development Elective] (Area E)  NAU 104 Shipboard Security and Responsibility ♣  NAU 105 Ship Structure ▶  NAU 109 Industrial Equipment and Safety ♣  PE 101 Swim Competency Exam  PE 102 Beginning/Intermediate Swimming	1.0 1.0 0.0 1.0 3.0 1.0 3.0 1.0 2.0 2.0 0.0 (0.5) Total 15.0+	SPRING TERM FIRST YEAR   DL 100 Small Craft Operations ★   DL 110 Ship Operations I▶ ★   DL 120 Cargo Operations ▶ ★   DL 240 GMDSS ▶ ★   DL 240L GMDSS Lab ▶ ★   FF 100 Basic Marine Firefighting ▶   NAU 110 Seamanship ▶ ★   NAU 205 Ship Stability ▶ ★ (Area B4)	Total	1.0 1.0 1.0 2.0 1.0 0.0 3.0 3.0 12.0+	SUMMER SEA TERM FIRST YEAR CRU 100 Sea Training I (Deck)▶	Total	8.0 <b>8.0</b>
FALL TERM SECOND YEAR  CSU Graduate Writing Assessment Requirement (GWAR) Elective DL 225 Radar/ARPA ▶  DL 225L Radar/ARPA Lab ▶  NAU 302 Rules of the Road ▶  NAU 302 Advanced Navigation ▶  NAU 302L Advanced Navigation Lab  NAU 320 Tank Vessel Operations ▶  **	3.0 2.0 2.0 2.0 2.0 1.0 3.0 Total 15.0+	SPRING TERM SECOND YEAR DL 301 Navigation Piloting Lab ENG 120L Marine Engineering Lab NAU 120 Marine Engineering NAU 300 Celestial Navigation NAU 300L Celestial Navigation Lab NAU 325 Port and Cargo Operations NAU 335 ECDIS NAU 335L ECDIS ♣ NAU 335L ECDIS Lab	Total	1.0 1.0 3.0 3.0 1.0 3.0 2.0 1.0	SUMMER SEA TERM SECOND YEAR CRU 200 Sea Training II (Deck) CRU 200L Sea Training II Lab (Deck)	Total	5.0 3.0 <b>8.0</b>
FALL TERM THIRD YEAR  Humanities Elective (Area C-Upper Div)  DL 305 Tug and Barge  DL 310 Marine Supervisory Lab  DL 405 Shipboard Medical  DL 405L Shipboard Medical Lab  DL 410 Ship Handling  FF 300 Advanced Marine Firefighting  NAU 330 Meteorology  (Area B-Upper Div)	3.0 1.0 1.0 1.0 1.0 1.0 0.0 3.0	SPRING TERM THIRD YEAR Electives in Major (6 Total Units Required) (e.g. NAU 395, NAU 400, NAU 420, NAU 430/430L, NAU 450) DL 311 Marine Management Lab DL 320 Introduction to Bridge Simulation ► LAW 315 Admiralty Law (Area D-Upper Div) NAU 435 MT Capstone	Total	6.0 1.0 2.0 3.0 3.0 15.0+	SUMMER SEA TERM THIRD YEAR CRU 300 Sea Training III (Deck)▶ DL 420 Watchstanding Simulation▶  * \$  THIRD MATE'S/OICNW LICENS	Total	8.0 2.0 10.0

♦ Students must come in having satisfied the following equivalent courses: PHY 100 and PHY 100L, MTH 100 and ECO 100.

1.0

1.0

2.0

Total 15.0+

Students must also transfer in the following GE courses or will be required to take them to meet graduation requirements: A1 (speech), A2 (writing), A3 (critical thinking), B2 (life science), C1 (lower arts), C2 (lower humanities), C2 (lower arts or humanities), D1/D2/D3 (lower social sciences), F (ethnic studies). Other GE courses are met in major courses.

## THIRD MATE'S/OICNW LICENSE REQUIRED FOR GRADUATION

- ► STCW Courses (Must receive a "C-" or higher, or "CR")
- \* Courses in Major (CGPA = 2.0 is required)
- O NAU 103 Intro to Marine Transportation meets Area E so that GE is not required for admission.
- \$ DL 420 is not covered by tuition. A separate fee will be required.

NOTES: Course content/curriculum may be modified to meet STCW or other regulatory requirements.