

# Plan of Study and check list 2021-2022

## Bachelor of Science in Marine Sciences

Total credits in this POS = Maximum 109; 120 required for graduation

**1000-level STEM requirements (39-40 credits)**

- \_\_\_\_\_ BIOL 1107 and 1108
- \_\_\_\_\_ CHEM 1124Q, 1125Q, and 1126Q **or**  
\_\_\_\_\_ CHEM 1127Q and 1128Q
- \_\_\_\_\_ MATH 1131Q and 1132Q
- \_\_\_\_\_ PHYS 1201Q and 1202Q **or**  
\_\_\_\_\_ PHYS 1401Q and 1402Q
- \_\_\_\_\_ MARN 1002 **or** \_\_\_\_\_ MARN 1003
- \_\_\_\_\_ STAT 1100Q or other course in data analysis  
and interpretation approved by the Department  
Head

**Marine Sciences Core requirements (21 credits)**

- \_\_\_\_\_ MARN 2801WE      \_\_\_\_\_ MARN 3001
- \_\_\_\_\_ MARN 3002      \_\_\_\_\_ MARN 3003Q
- \_\_\_\_\_ MARN 4001      \_\_\_\_\_ MARN 4002

**Major Electives (9 credits)**

**Three** courses must be chosen from the following groups of electives. At least one course must be taken from each of the two groups. Students may be able to use MARN 3893, MARN 4893, MARN 4895, MARN 4898 or other MARN courses towards these electives with prior approval of the Department Head.

Group 1 (physical, geological, and chemical):

- \_\_\_\_\_ MARN 3000E      \_\_\_\_\_ MARN 3060
- \_\_\_\_\_ MARN 3061      \_\_\_\_\_ MARN 3230
- \_\_\_\_\_ MARN 4030W      \_\_\_\_\_ MARN 4050
- \_\_\_\_\_ MARN 4060      \_\_\_\_\_ MARN 4066

Group2: (biological)

- \_\_\_\_\_ MARN 3012      \_\_\_\_\_ MARN 3014
- \_\_\_\_\_ MARN 3015      \_\_\_\_\_ MARN 3016
- \_\_\_\_\_ MARN 3017      \_\_\_\_\_ MARN 3030
- \_\_\_\_\_ MARN 3811      \_\_\_\_\_ MARN 4010
- \_\_\_\_\_ MARN 4018      \_\_\_\_\_ MARN 4210Q

Substitute elective courses, if any:

- \_\_\_\_\_ (Group \_\_\_\_\_)
- \_\_\_\_\_ (Group \_\_\_\_\_)

**Related Area Courses (12 credits)**

In consultation with their faculty advisor, students choose 4 related area courses appropriate to their interests from social sciences that address human interaction with the environment, or other STEM departments. The department maintains a list of courses acceptable for this requirement and many are listed in Student Admin.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

\_\_\_\_\_ 45 credits at the 2000-level or above (minimum)

\_\_\_\_\_ 120 credits total (minimum)

Additional CLAS requirements Content Area (CA) Courses (min. of 8 different departments; **18 - 24** credits)

**Need 4** CA 1 courses:

- A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D \_\_\_\_\_

**2 from group 2 and group 4:**

CA 2 \_\_\_\_\_ CA 2 \_\_\_\_\_

CA 4 Int'l \_\_\_\_\_ CA 4 domestic **or** int'l \_\_\_\_\_

a **second** "W" course (**3 credits**) \_\_\_\_\_