MCP Curriculum Checklist, 2022-2023

Student name: _____ Date: _____

□ **A. Marine Sciences - two courses, one in a basic biological field plus any other MAR course**

Suggestions for biology courses (several others are available):

- □ MAR 502 Biological Oceanography (Spring, 3 credits)
- □ MAR 511 Benthic Ecology (alternate years, not Spring 2023, 2 credits)
- □ MAR 515 Phytoplankton Ecology (Fall, 3 credits)
- □ MAR 540 Marine Microbial Ecology (Spring, 3 credits)

□ **B. Conservation - two courses**

- □ MAR 507 Marine Conservation Biology (**required**) (Fall, 3 credits)

And one of the following:

- □ MAR 512 Marine Pollution (Fall, 3 credits)
- □ MAR 523 Marine Mammal Biology and Conservation (Fall, 3 credits)
- □ MAR 554 Aquatic Animal Diseases (Spring, 3 credits)
- □ MAR 578 Biology and Conservation of Seabirds (Spring, 3 credits)

□ **C. Communications - two courses**

- □ MAR 557 Case Study and Project Planning Seminar (**required**) (Fall, 1 credit)

And one of the following:

- □ JRN 565 Communicating Your Science (Spring, 3 credits)
- □ JRN 501, 503, and 513 Foundations of Science Communication (Fall, Spring, Summer depending upon course, 1 credit each, 3 credits total)
- □ JRN 522 Communicating Science to Decision Makers (Fall, 3 credits)
- □ MAR 556 Policy 3Rs: Read, Write, Raise $ (Spring, 2 credits)

□ **D. Policy/Law/Economics/Management - one course**

- □ MAR 514 Environmental Management (Fall, 3 credits)
- □ MAR 536 Environmental Law and Regulation (Fall, 3 credits)
- □ MAR 553 Fisheries Management (Spring, 3 credits)
- □ MAR 600 Fisheries Stock Assessment (Spring 2023)[1]

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□ **E. Quantitative Assessment - one course**

- □ MAR 558 Remote Sensing (Fall, 3 credits)
- □ MAR 561 Quantitative Fisheries Ecology (alternate years, not Fall 2022, 3 credits)
- □ MAR 569 Statistics with R (alternate years, Fall, 3 credits)
- □ MAR 587 GIS: Display and Analysis of Environmental Data (Spring, 3 credits)
- □ GSS 513 GIS Fundamentals I (Fall, Spring, Summer I extended, 3 credits)
- □ GSS 525 GIS Fundamentals II (Fall, Spring, 3 credits)
- □ GSS 555 GIS and Remote Sensing (Spring, not Spring 2023, 3 credits)

[1] this course may have prerequisites

□ **F. Field Biology - one course**

- □ MAR 531 Long Island Marine Habitats (Summer I, 3 credits)
- □ MAR 532 Marine Protected Areas (Bahamas) (Winter, 3 credits)
- □ MAR 537 Tropical Marine Ecology (Jamaica or South Pacific) (Winter, 4 credits)
- □ MAR 604 Coral Biology and Conservation (Eilat, Israel) (Summer, 3 credits)

□ **G. Project or Internship – six credits**

- □ MAR 589 Capstone Project in Marine Conservation and Policy*****

or:

- □ MAR 592 Internship in Marine Conservation and Policy*****

***** - *Capstone and Internship credits can be taken at any time with permission of the advisor and an approved prospectus.*

□ **Total Credits (≥30) _____**

(Rev. 06/07/22, kg)