Upon graduation with a MA in Ecology, Evolution, and Marine Biology:

**Core Knowledge and Breadth Requirements in EEMB**

- Students will be capable of demonstrating broad knowledge of the subfields within EEMB.

- Students will have a deep understanding of one subfield within EEMB, i.e., community ecology, evolution, ecological physiology, biological oceanography, or ecosystem processes.

- Students will be able to review and judge the quality, relevance, and originality of scientific papers in their areas of specialization.

**Analytical Tools and Research Methodology**

- Students will be capable of generating hypotheses, testing them, analyzing the final data and synthesizing the results into a paper for a peer-reviewed scientific journal.

- Students will have a suite of analytical abilities and a variety of research methods sufficient to test hypotheses and analyze results in their field.

- Students will use these tools to be able to work independently.

**Science Communication**

- Students will be capable of communicating the results of their original research with scientific peers in their core disciplines.

- Students will have the ability to write effectively at the levels found in relevant peer-reviewed journals, conference proceedings, and other written formats.