A double major in Meteorology and Marine Science is well suited for students with interests in the physical aspects of climate, as well as the interaction of the ocean and the atmosphere. It provides an excellent foundation for students who want to pursue graduate degrees in these fields. In addition to those courses that satisfy General Education Requirements, the double major curriculum is as follows:

**Atmospheric Science**
- ATM 103 Survey of Modern Meteorology 3
- ATM 118 Current Weather Topics 2
- ATM 243 Weather Forecasting 3
- ATM 303 Atmospheric Observation 3
- ATM 305 Atmospheric Thermodynamics 3
- ATM 405 Atmospheric Dynamics I 3
- ATM 406 Atmospheric Dynamics II 3
- ATM 407 Weather Analysis 4
- ATM 409 Cloud Physics And Radiation 3
- ATM 220 Climate And Global Change 3
  or ATM 307 Introduction To The Physics Of Climate

**Marine Science**
- MSC 111 Introduction to Marine Science 3
- MSC 215 Chemical Oceanography 3
- MSC 230 Introduction to Marine Biology 3
- MSC 301 Introduction to Physical Oceanography 3
- MSC 302 Introduction To Physical Oceanography Lab 1
- MSC 216 Chemical Oceanography Laboratory 1
  or MSC 232 Introduction to Marine Biology Laboratory

Select 9 credit hours of MSC electives, of which at least 6 must be at the 300-level or higher

**Biology**
Select one of the following: 5
- BIL 150 General Biology
  & BIL 151 and General Biology Laboratory
- BIL 160 Evolution and Biodiversity
  & BIL 161 and Evolution and Biodiversity Laboratory

**Chemistry**
- CHM 111 Principles of Chemistry I 3
- CHM 112 Principles of Chemistry II 3
- CHM 113 Chemistry Laboratory I 1
- CHM 114 Chemistry Laboratory II 1

**Computer Science**
- CSC 120 Computer Programming I 4

**Geological Sciences**
- GSC 111 Earth System History 4-5
  or GSC 110 The Earth System
  & GSC 114 and Earth Processes Lab

**Mathematics**

**Physics**
- PHY 205 University Physics I 3
- PHY 206 University Physics II 3
- PHY 207 University Physics III 3
- PHY 208 University Physics II Lab 1

**Statistics**
- MSC 204 Environmental Statistics 3
  or MTH 224 Introduction to Probability and Statistics

**Total Credit Hours** 104-105