Example of a Physical Oceanography Curriculum

1st Summer
Student project with WHOI and MIT advisers
"Survey" of oceanography subject
18.089 and/or WHOI short course. Review of Mathematics (no degree credit)

1st Fall Semester (Subject #, level, # units, title)
12.800, G, 12, Fluid Dynamics of the Atmosphere and Oceans
12.808, G, 12, Introduction to Observational Physical Oceanography
18.0851, G, 12, Computational Science and Engineering I
12.THG, Thesis research

1st Independent Activities Period (IAP)
12.310 U, 6, An Introduction to Weather Forecasting

1st Spring semester
2.066, G, 12, Acoustics and Sensing
12.801, G, 12, The General Circulation of the Oceans
18.0751, G, 12, Methods for Scientists and Engineers
12.THG, Thesis research

2nd Summer
12.THG, Thesis research

2nd Fall Semester
2.681, G, 12, Environmental Ocean Acoustics
12.803, G, 12, Quasi-balanced Circulations in Oceans and Atmospheres
12.THG, Thesis research

2nd Spring Semester
12.802, G, 12, Wave Motions in the Oceans and Atmosphere
12.THG, Thesis research

3rd Summer
12.THG, Thesis research

Summary
10 Subjects /114 units
9 G credit /108 units
1 U credit / 6 units
Thesis