

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