MINOR IN QUANTITATIVE SCIENCE

THE CENTER FOR QUANTITATIVE SCIENCE offers a minor for undergraduate students who are interested in applications of statistical and mathematical tools to problems in ecology, biology, renewable resource management, and the environment. Completing a minor in Quantitative Science provides an excellent way to increase the potential attractiveness of your degree.

The minor requires a minimum of 27 credit hours, as follows:

Core courses (24-25 credits):

- Q SCI 291 and 292, Analysis for Biologists I and II (may substitute MATH 124, 125), (10 credits)
- Q SCI 381, Introduction to Probability and Statistics, (5 credits)
- Q SCI 482, Statistical Inference in Applied Research I, (5 credits)
- Q SCI 483, Statistical Inference in Applied Research II, (5 credits)
  OR Q Sci 403/Stat 403, Resampling, (4 credits)

Electives (a min. of 3 or more credits from an approved list):

- Partial approved list includes:
  Q Sci/Envir 210, Intro to Environmental Modeling (4 credits)
  Q Sci/Stat 403, Intro to Resampling Inference, (4 credits)
  (if not taken as part of the core courses above)
  Q Sci/Fish 454, Ecological Modeling, (4 credits)
  Q Sci/Stat 480, Sampling Theory, (3 credits)
  Q Sci 483, Statistical Inference in Applied Research II, (5 credits)
  (if not taken as part of core above)
  Q Sci/Stat 486, Experimental Design, (4 credits)

Additional courses may qualify at the discretion of the CQS Director.

A minimum grade of 2.0 is required in all courses taken as part of the minor.

If you’d like more details, talk with Linda Hegrenes in the Center for Quantitative Science Office, Anderson 6, or send an email to lindabel@u.washington.edu.

The Center for Quantitative Science is administered by the College of the Environment with cooperation from the School of Aquatic and Fishery Sciences and the School of Environmental and Forest Sciences.

Autumn 2012