



BOSTON COLLEGE
College of Arts and Sciences

Minor in Scientific Computation

The Minor in Scientific Computation is an interdisciplinary program, established in spring 1999, drawing on faculty in several departments which complements students' training in the natural and social sciences.

The minor focuses on applications of the computational methodologies developed in physics, chemistry, mathematics, economics and finance for empirical research. Students selecting the minor will be exposed to a wide range of computational techniques of practical value in solving empirical and modeling problems.

Six courses are required for the minor:

- two mathematics courses (MT 202 and MT 210),
- one course in scientific programming (PH 330, cross listed), offered each fall,
- one course in numerical methods and scientific computation (PH 430, cross listed), offered each spring,
- one elective course from an approved list, and
- a capstone course in advanced scientific computation (PH 530, cross listed), to be offered in Fall 2000.

Attendance at a senior seminar is also required.

For further information on the Scientific Computation Minor, see Prof. Jan Engelbrecht, Physics (jan@physics.bc.edu), or Prof. Christopher Baum, Economics (baum@bc.edu), codirectors of the minor, or see the web page (<http://physics.bc.edu/MSC/>).