COMPUTATIONAL SCIENCE (CPSC)

CPSC 300 Computational Science II (3 crs)
Prerequisite: MATH 351 and MATH 354.
  • Coordinating department: Physics and Astronomy.

Case studies of problems in computational science. Examples include molecular modeling, computational chemistry, stellar and planetary systems, thermodynamics, seismic modeling, geographic information systems, and atmospheric/oceanic circulation models. Solutions involve various computational tools and techniques.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0