

Course Catalog - Fall 2006

Computer Science

519 ***Scientific Visualization*** credit: 4 hours.

Detailed study of visualization techniques useful in analysis of engineering and scientific data. Topics include study of physical models; methods of computational science; two- and three-dimensional data types; visual representation schemes for scalar, vector, and tensor data; isosurface and volume visualization methods; visual monitoring; and interactive steering. Same as CSE 527. Prerequisite: CS 418.