

Chaos and Non-linear Systems B

School of Physics and Astronomy

College of Engineering and Physical Sciences

Details

Code 20835

Level of study First Year

Credit value 10

Semester 2

Module description

There are three components to the module: Chaos and Non-Linear Systems, Chaos Demonstrations and Computing. The Chaos and Non-Linear Systems component provides an introduction to the modern theory of chaos and dynamical systems. The Chaos Demonstrations are experiments designed to illustrate the physical phenomena discussed in the Chaos and Non-Linear Systems lectures. The Computing component provides a basic introduction to scientific computing in weekly sessions in the computing laboratory.