Math 664: Topics in Dynamical Systems
[MATHEMATICS](#)

The course covers some important topics in dynamical systems. In particular, low-dimensional dynamics, circle dynamics, Hamiltonian dynamics. It will also contain an introduction to Kolmogorov-Arnold- Moser theory and renormalization methods in dynamics.

3 Credits

Prerequisites

- [Math 564: Introduction to Dynamical Systems I](#) (Minimum grade: C)

Instruction Type(s)

- Lecture: Lecture for Math 664

Subject Areas

- [Mathematics, General](#)

Related Areas

- [Algebra and Number Theory](#)
- [Analysis and Functional Analysis](#)
- [Geometry/Geometric Analysis](#)
- [Topology and Foundations](#)