

# PHYS 331. TOPICS IN CLASSICAL MECHANICS.

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Credits: 3

Offered by: Physics (Faculty of Science)

Terms offered: Winter 2026

[View offerings for Winter 2026 in Visual Schedule Builder.](#)

## Description

Forced and damped oscillators, Newtonian mechanics in three dimensions, rotational motion, Lagrangian and Hamiltonian mechanics, small vibrations, normal modes. Nonlinear dynamics and chaos.

- Winter
- 3 hours lectures
- Prerequisite: PHYS 230
- Corequisite: MATH 315
- Restriction: Not open to students having passed PHYS 451 or PHYS 351

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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