

BIEN 340. TRANSPORT PHENOMENA IN BIOLOGICAL SYSTEMS 2.

Credits: 3

Offered by: Bioengineering (Faculty of Engineering)

Terms offered: Winter 2026

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Description

Fundamental principles of mass transport and its application to a variety of biological systems. Membrane permeability and diffusive transport. Convection. Transport across cell membranes. Ion channels. Blood rheology. Active transport. Intra- and inter-cellular transport.

- (3-3-3)
- Prerequisite(s): BIEN 314 and BIEN 360 or permission by instructor.

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