

Name of the course	Transport phenomena
Number of instruction hours	20
Outline of course/module content	Description of motion. Equations of motion. Dimensional analysis on equation of motion; substantial time derivation; applying on systems of various geometric characteristics. Velocity distribution with more than one independent variable. Theory of hydrodynamic, heat and concentration boundary layer; exact and approximative analysis. Unsteady of momentum, heat and mass transport. Simultaneously of momentum, heat and mass transport.
Description of instruction methods	Lecture/consultation
Description of course/module requirements	oral exam/written paper