

Name of the course	Separation processes
Number of instruction hours	20
Outline of course/module content	Thermal separation processes in vapor-liquid, liquid-liquid, solid-liquid, solid-gas-liquid systems: distillation, absorption, extraction, drying and crystallization. Theoretical and empirical description of processes. Evaluation of heat and mass transfer coefficients. Selection criteria. Energy saving steps. Ecological aspects. Rules of thumb and guidance for scale-up.
Description of instruction methods	lecture, consultation
Description of course/module requirements	oral exam and written paper