



Course catalogue

TTF-PB207 Unit operation 2

Programme	Food Technology and Biotechnology (Ist cycle)
Level	Bachelor's programme (Ist)
Academic year	II year
Semester	Spring Semester
ECTS credits	6 credits
Lecturers	Anka Trajkovska Petkoska
Language	Macedonian
Objective	The course objective is focussed for students to gain a knowledge in the field of transfer phenomena, heat and mass trsansfer. Special emphasis on operations with heat and mass transfer.
Content	Introduction to Unit Operations with heat transfer. Modes of heat transfer: conduction, convection and radiation. Selected cases of operation with heat transfer: vaporization, condenzation, etc... Unit operations with mass transfer. Selected cases of such operation: absorption, adsorption, crystalization, distillation, extraction, drying.
Learning materials	Primary and secondary literature are referenced in class and posted to the course website.