



Course catalogue

TTF-PB312 Food processing equipment

Programme	Food Technology and Biotechnology (Ist cycle)
Level	Bachelor's programme (Ist)
Academic year	IV year
Semester	Autumn Semester
ECTS credits	6 credits
Lecturers	Anka Trajkovska Petkoska
Language	Macedonian
Objective	Main objectives of the course are building materials in processing equipment/industry. The main equipment for processing industry for conducting main operations with heat and mass transfer.
Content	Introduction to materials that are used for building of processing equipment as well as for auxiliary equipment in the food industry. Corrosion issues in process equipment and protection of them. Equipment for heat transfer. Heat exchangers, classification and types; mathematical calculation. Equipment for mass transfer.
Learning materials	Primary/secondary literature are referenced in class and posted to the course website.