



Course catalogue

TTF-PB102 General Chemistry

Programme	Food Technology and Biotechnology
Level	Bachelor's programme
Academic year	I year
Semester	Autumn Semester
ECTS credits	6 credits
Lecturers	Prof. d-r Gorica Pavlovska, Ph.D
Language	Macedonian
Objective	Students will receive the basic knowledge of chemistry as a science that is necessary for current study
Content	Types of substances (pure substances and mixtures). Basic chemical laws. Structure of the atom, concept of a chemical element (atomic and molecular mass, chemical formulas and chemical equations). Chemical connections and chemical reactions. Basic laws in thermochemistry. Basic notions of inorganic compounds (oxides, acids, bases and salts), electrolytes, indicators, buffers, chemical kinetics, chemical equilibrium, solutions, classification of elements and periodic systems.
Learning materials	Reading from the primary literature are referenced in class and posted to the course website.