



Course catalogue

TTF-NUT302 Immunology for Nutritionists

Programme	Nutrition
Level	Bachelor's programme
Academic year Semester	III year Autumn Semester
ECTS credits	6 credits
Lecturers	Full Professor, Zora Uzunoska, MD, PhD Assistant professor Marija Menkinoska, PhD
Language	Macedonian/ English
Objective	The students will acquire knowledge about the basics of immunology in normal conditions of the human organism, which will help them to develop a scientific approach and easier interpretation of the pathogenic mechanisms of many diseases, which basically have the presence of immunological disorders. Knowledge of Immunology will give the nutritionists a significant role in the Multidisciplinary Team for prevention and treatment of numerous immunological diseases.
Content	Development of Immunology; Immunity and types of Immunity; Complement; Antigens; Antibodies; Cells involved in the immune response and antigen recognition; Cytokines and Immunoregulation; Major Histocompatibility Complex (MHC); Cell mediated Immunity; Hypersensitive Reactions; Immunization; Tolerance and Autoimmunity; Tumor Immunology and Immunodeficiency.
Learning materials	Reading from the primary literature are referenced in class and posted to the course website.