



## Course catalogue

### NUT\_II\_ZA 02 Nutritive Physiology

Programme	Nutrition
Level	Master's programme
Academic year	I year
Semester	Autumn Semester
ECTS credits	8 credits
Lecturers	Full Prof. Zora Uzunovska, MD, PhD Ass. Prof. Marija Menkinoska, PhD Ass. Prof. Tatjana Blazhevaska, PhD
Language	Macedonian / English
Objective	Students acquire a wider knowledge of the human body vital functions and the hierarchy connection between the function of certain organs/ systems and structural/functional association between cells and tissues.
Content	Basic homeostatic principles of the physiological regulatory systems. Electrolytes and molecules transport through the cell membrane. Function of the gastrointestinal tract: motility, secretion, digestion and absorption of nutritive products. Neural and hormonal regulation of gastrointestinal digestion and absorption of carbohydrates, proteins and lipids. Physiology of cardiovascular, respiratory, endocrine, immune and urogenital system.
Learning materials	Reading from the primary literature are referenced in class and posted to the course website.