



JOHN WESLEY THEOLOGICAL COLLEGE
COURSE TEMATICS



Course: Biochemistry	Course type: seminar	Credits: 2	Course ID: KTAK114_2019
Course responsible: tárgyfelelős neve	Programme type: full time, offline	Hours/Semester : 24	Assessment: exam
Course objectives: The primary goal of the course is to familiarize students with the operating principle of biological processes at the molecular level. The significance of this is that it makes available the molecular level interpretation of physiological processes and gives the opportunity for the students to connect the knowledge of chemistry learned so far to metabolic processes.			
Competencies to be improved: Knowledge: T8 Ability: K4, K5, K8 Attitude: Autonomy and responsibility: F3			
Compulsory literature: Recommended literature:			
Course content: Protein structure, protein biochemical testing methods. Properties, structure, kinetics and regulation of enzymes. Glycolysis, citrate cycle, oxidative phosphorylation. Gluconeogenesis. Fructose, galactose, glycogen metabolism.			
Course requirements: attendance at classes,			
Grading scale: >91 excellent, 81-90 good, 70-80 satisfactory, 60-69%:pass			
Course Programme: WJLF ENVIRONMENTAL SCIENCE	Semester: 2022_2023_2	Lecturers: Lilla Strobel	