

FACULTY:	Department of Mechanical Engineering
FIELD OF STUDY:	Food Technology and Human Nutrition
ERASMUS COORDINATOR OF THE FACULTY:	Krzysztof Rokosz, PhD, DSc, Eng. Małgorzata Smuga-Kogut, PhD
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COURSE TITLE:	Biochemistry
LECTURER'S NAME:	Agnieszka Szparaga PhD, DSc, Eng.
E-MAIL ADDRESS OF THE LECTURER:	agnieszka.szparaga@tu.koszalin.pl
ECTS POINTS FOR THE COURSE:	5
ACADEMIC YEAR:	2020/2021
SEMESTER: (W – winter, S – summer)	W
HOURS IN SEMESTER:	30
LEVEL OF THE COURSE: (2 nd cycle, 3 rd cycle)	1 st cycle,
TEACHING METHOD: (lecture, laboratory, group tutorials, seminar, other-what type?)	lecture
LANGUAGE OF INSTRUCTION:	English
ASSESSMENT METHOD: (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?)	Written exam
COURSE CONTENT:	Molecular components of the living cells, physico-chemical properties of amino acids, proteins, enzymes, lipids, carbohydrates, nucleic acids. Relations between functions and molecular structures. Pathways of energy conversion and accumulation in living organisms. Metabolic pathways of synthesis and decomposition of molecular structures and cell components. Relationships of various metabolic intermediates and regulation mechanisms exerted by intrinsic and extrinsic factors .
ADDITIONAL INFORMATION:	-

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