

PARTISH

Development of part-time and short cycle studies in higher education in Bosnia and Herzegovina

5.1. Developed curricula and course syllabi at UNZE

Project Acronym:	PARTISH
Project full title:	Development of part-time and short cycle studies in higher education in Bosnia and Herzegovina
Project No:	617421-EPP-1-2020-1-RS-EPPKA2-CBHE-SP
Funding Scheme:	ERASMUS+
Coordinator:	University of Novi Sad (UNS)
Project start date:	15 th January 2021
Project duration:	48 months

Abstract	University of Zenica developed curricula for 2 SCHE programs. These curricula are in line with deliverables 2.5 and 2.6. For each course a syllabus is specified.
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DOCUMENT CONTROL SHEET

Title of Document:	5.1. Developed curricula and course syllabi at UNZE
Work Package:	WP3
Last version date:	15/02/2023
Status :	Finalna verzija
Document Version:	V2
File Name	5.1. Developed curricula and course syllabi at UNZE.pdf
Number of Pages	8
Dissemination Level	Eksterni

VERSIONING AND CONTRIBUTION HISTORY

Version	Date	Revision Description	Responsible Partner
V1	05/01/2023	Izrada dokumenta	UNMO
V2	15/02/2023	Finalni dokument	UNS

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ELABORATE ON THE JUSTIFICATION OF STARTING A SHORT CYCLE

MAIN DATA ABOUT SHORT CYCLE	
Name of the short cycle program	"Psychotherapeutic counseling for children and adolescents in community mental health centers"
Awarded degree upon completion	Certificate/No degree
Reasons for starting of the short cycle program	The program of this short cycle consists of subjects belonging to mechanical engineering, electrical engineering and informatics. The goal is to help the people who have need to improve the knowledge and to extend and combine the knowledge of all above-mentioned fields. Faculty of mechanical engineering possess all necessary equipment (industrial robots, software, PLC controllers, microcontrollers...) for conducting this type of short cycle.
Duration of the short cycle:	4 semester (30 weeks)
Number of ECTS	120
Learning outcomes	The two-year education program entitled "Psychotherapeutic counseling for children and adolescents in community mental health centers" is based on a developmental approach to children and youth incorporating a humanistic and integrative approach/Gestalt, TA, family, CBT/, and self psychology, intrasubjective theories and theories of relationships, how to do counseling work with children and young people as successfully as possible. Considering the specificities of children and adolescents, education is based on understanding the needs and developmental stages of children and young people, and in accordance with their specificities, counseling methods and techniques are selected, integrating a holistic and individual approach. The child-counselor relationship is an important part of the "recovery" process, therefore the education is based on understanding the dynamics of the relationship, including the significant phenomena of transference - countertransference, projective identification, parallel process, secondary traumatization, but also secondary resilience, in the therapeutic counseling relationship. The education program is based on a developmental approach to children and youth incorporating a humanistic and integrative approach (Gestalt, transactional

	analysis, integrative analysis, self psychology, intrasubjective theories and theories of relationships).
Companies interested in the short cycle	Companies in Health care sectors, centres for Mental health, and all other facilities. This program was established by Federal Ministry of Health.

Program structure of short cycle

		Number of hours per week			ECTS
1. semester		Lectures	Excercises	Individual work	
Developmental psychology and neuroscience		15	4	1	6
Personality development		15	4	1	6
Developmental psychopathology 1		15	4	1	6
Developmental psychopathology 2		15	4	1	6
Psychodiagnosis of children and adolescents		15	4	1	6
2. semester					
Work with traumatized and abused children and adolescents		15	4	1	6
Introduction to research work and monitoring		15	4	1	6
Self and relationship theory		15	4	1	6
Transference and countertransference and Projective identification		15	4	1	6
Counseling therapeutic approaches		15	4	1	6
3. semester					
Basic methods and techniques of working with children		15	4	1	6
Basic methods and techniques of working with adolescents		15	4	1	6
Preventive programs and legal regulations		15	4	1	6
Work with families, schools and institutions with a special focus on high-conflict divorces		15	4	1	6



Mentoring work		15	4	1	6
4 semester					
Final papers work		5		25	6
Work on finalizing the fourth essay and the second Personal Development Profile, which should be submitted at the end of that month, as well as the preparation of the final instruments for monitoring the recovery of children and adolescents (ASEBA/5 instruments)		5		25	6
5Finalizing the final paper and sending it to the mentor for reading		5		25	6
Consultations with the mentor, preparation for the defense of the final thesis, collection of the necessary documentation for submitting the final thesis		5		25	6
Final thesis defense ceremony		5		25	6
TOTAL:					

ELABORATE ON THE JUSTIFICATION OF STARTING A SHORT CYCLE

MAIN DATA ABOUT SHORT CYCLE	
Name of the short cycle program	Programming of mechatronic systems
Awarded degree upon completion	Certificate/No degree
Reasons for starting of the short cycle program	The program of this short cycle consists of subjects belonging to mechanical engineering, electrical engineering and informatics. The goal is to help the people who have need to improve the knowledge and to extend and combine the knowledge of all above-mentioned fields. Faculty of mechanical engineering possess all necessary equipment (industrial robots, software, PLC controllers, microcontrollers...) for conducting this type of short cycle.
Duration of the short cycle:	1 semester (15 weeks)
Number of ECTS	30
Learning outcomes	After the completion of this short cycle the students will be capable to analyse and program mechatronic systems with different level of complexity, from low-cost automation to complex robotic systems.
Companies interested in the short cycle	Mostly companies in metal processing industry with the focus on automotive industry. Some of them are: Accelor Mittal Zenica, Prevent FAD Tešanj, Pump production company Pobjeda Tešanj, Filter production company Enker Tešanj, Prevent group, Unis-Pretis Sarajevo, Volkswagen Sarajevo, Binasc Bugojno, BNT Novi Travnik....

Program structure of short cycle

		Number of hours per week			ECTS
1. semester		Lectures	Excercises		

Feedback control		3	3		6,0
Programming of industrial robots		3	3		6,0
PLC programming		3	3		6,0
Microcontrollers in robotics		3	3		6,0
Final project			6		6,0
TOTAL:		12	18		30,0