

UNIVERSITY OF NIŠ

Course Unit Descriptor		Facult	y F	aculty of Me	chanical Engineering			
GENERAL INFORMATION								
Study Program	Mechanical Engineering							
Study Module (if applicable)	-							
Course Title	Advanced Course of Purification Techniques							
Level of Study	□ Bachelor □ Master's ⊠ Doctoral							
Type of Course	Obligatory Elective							
Semester	□ Autumn							
Year of Study	1	1						
Number of ECTS Allocated	10							
Name of Lecturer/Lecturers	Mladen M.	Mladen M. Stojiljković, Velimir P. Stefanović, Gordana M. Stefanović, Predrag M. Živković						
	⊠ Lecture	S	□ Group	tutorials	Individual tutorials			
Teaching Mode	🗆 Laborat	□ Laboratory work		t work	🖾 Seminar			
	Distance	□ Distance learning		ed learning	□ Other			
Purpose and Overview (max. 5 s	entences)							
	the purification			• •	of purification, as well as to the practical tudents are given the broader insight of all			
Syllabus (brief outline and sumn		, max. 10 sent	ences)					
influence of centrifugal forces; P Precipitation of particles with s theory of wet purification of g	recipitation o prayed water asses; Dry ga on, ultrafiltra	of particles in ; Precipitatior as purifiers; V tion, nanofiltr	the liquid n of partic Vet gas pr ation; Rev	film; Precipit les under th urifiers; Cen	ms; Precipitation of particles under the ation of particles in bubbling processes; ate influence of electrical charge; Energy trifugal liquid purifiers - hydrocyclones. is and dialysis; Membrane electrical and			
Language of Instruction								
⊠Serbian (complete course)	🛛 Eng	glish (complet	e course)	□ Ot	her (complete course)			
□Serbian with English mentorin	g 🗆 Ser	bian with othe	er mentorir	ng				
Assessment Methods and Criter	ria							
Pre exam Duties	Poin	ts Final Exam	ı	Points				

Activity During Lectures	-	Written Examination	-			
Practical Work	50	Oral Examination	Max. 50			
Teaching Colloquia or Seminar	0	Overall Sum	100			
*Final examination mark is formed in accordance with the Institutional documents						