

Faculty of Industrial Chemistry and Environmental Engineering

Bachelor domain: **Applied Engineering Sciences**
 MASTER Specialization: **PRINTING TECHNIQUES**

Type of education: **full time**

Length of study: **2 years**

Fundamental domain-based ranking: (DFI): **ENGINEERING SCIENCES**
 Branch of science (RSI): **MECHANICAL ENGINEERING, MECHATRONICS, INDUSTRIAL ENGINEERING and MANAGEMENT**
 Domain of master studies:(DSU_M): **Applied Engineering Sciences**

Cod DFI.Cod RSI.Cod DSU_M
20 70 30

ciclul	c1c2c3	a1a2
M	469	17

EDUCATIONAL PLAN
University year 2017 - 2018
YEAR I

		1st SEMESTER										2nd SEMESTER																				
1	Data Aquisition: Interfaces and Virtual Instrumentation										Desktop Publishing																					
	M469.17.0R.A1	6	D	14	0	28	0	DA	75	M469.17.0R.A1	7	D	28	0	14	14	DA	85														
2	Polygraphyc Materials I										Polygraphyc Materials II																					
	M469.17.0R.S2	7	E	28	0	14	0	DS	78	M469.17.0R.S2	8	E	28	0	28	0	DS	80														
3	Polygraphyc Processes I										Polygraphyc Processes II																					
	M469.17.0R.S3	8	E	28	0	28	0	DS	90	M469.17.0R.S3	9	E	28	0	28	0	DS	90														
4	Optional I										Optional III																					
	M469.17.0R.A4-ij	5	E	14	14	0	0	DA	70	M469.17.0R.S4-ij	6	E	14	0	14	0	DS	75														
5	Optional II																															
	M469.17.0R.V5-ij	4	D	14	0	14	0	DCAV	50																							
6																																
7																																
8																																
9																																
total / semester	hours:	196								VPI:	363		hours:	196								VPI:	330									
	credits:	30								evaluations:	3E,2D		credits:	30								evaluations:	3E,1D									
total / week	hours:	14																														
	of which:									7	1	6	0	(c, s, l, p)	hours:	14																
										7	0	6	1	(c, s, l, p)																		

Legend

Name of the Discipline									
Code	nc	FE	c	s	l	p	CF	VPI	

Code = discipline code
 nc = number of trasferable credits
 FE =evaluation form
 FE ∈ (E, D, C, P-E, P-D)
 E=exam
 D=distributed evaluation
 c=no.hours course/semester
 s=no hours seminar

l=no. laboratory hours
 p=no. project hours
 CF=formative category to which the discipline belongs
 CF ∈ {DA, DCA, DS}
 DA - basic discipline
 DCA - advanced knowledge discipline
 DS- synthesis discipline
 VPI = volume of hours needed for individual preparation for a semester of 14 weeks. plus 4 weeks of session

Example

Polygraphyc Materials I									
Cod	8	E	28	0	14	0	DS	78	

(*) - optional disciplines activated in the current university year

EDUCATIONAL PLAN
University year 2018 - 2019
YEAR II

	3rd SEMESTER										4th SEMESTER									
1	Labour and Environment Protection in Polygraphyc Industry										Practice/Research stage									
	M469.17.0R.A1	5	D	28	14	0	0	DA	70	M469.17.0R.S1	D	15	0	0	84	0	DS	20		
2	Mass-media Legislation, Ethycs and Copyrights										Elaboration and support dissertation*									
	M469.17.0R.A2	5	D	14	14	0	0	DA	60	M469.17.0R.S2	E	15	0	0	0	36	DS	320		
3	Optional IV																			
	M469.17.0R.V3-ij	5	E	14	0	0	14	DCAV	65											
4	Optional V																			
	M469.17.0R.V4-ij	8	E	28	0	28	0	DCAV	80											
5	Optional VI																			
	M469.17.0R.V5-ij	7	E	28	0	14	0	DCAV	80											
6																				
7																				
8																				
9																				
total / semester	hours:	196			VPI:			355			hours:	0			VPI:			340		
	credits:	30			evaluations:			3E,2D			credits:	30			evaluations:			1D,1E		
total / week	hours:	14									hours:	9								
	of which:				8	2	3	1	(c, s, l, p)			of which:	0			0	6	3	(c, s, l, p)	

* Credits granted only after disertation exam pass

OPTIONAL DISCIPLINES
YEAR I

	1st SEMESTER										2nd SEMESTER									
01	Optional I.1 Management and Marketing in Polygraphyc Industry										Optional III.1 Glass, Keramics, Plastics, Textile Printing									
	M469.17.0R.A4-01	5	E	14	14	0	0	DA	70	M469.17.0R.S4-01	6	E	14	0	14	0	DS	75		
02	Optional I.2 Entrepreneurship in Polygraphyc Industry										Optional III.2 Packing Materials - Eco-design and packing techniques									
	M469.17.0R.A4-02	5	E	14	14	0	0	DA	70	M469.17.0R.S4-02	6	E	14	0	14	0	DS	75		
03	Optional II.1 Phototechniques																			
	M469.17.0R.V5-03	4	D	14	0	14	0	DCAV	50											
04	Optional II.2 Photographic Art																			
	M469.17.0R.V5-04	4	D	14	0	14	0	DCAV	50											

OPTIONAL DISCIPLINES
YEAR II

	3rd SEMESTER										4th SEMESTER									
01	Optional IV.1 Quality Insurance																			
	M469.17.0R.V3-01	5	E	14	0	0	14	DCAV	65											
02	Optional IV.2 Quality Management																			
	M469.17.0R.V3-02	5	E	14	0	0	14	DCAV	65											
03	Optional V.1 Multimedia																			
	M469.17.0R.V4-03	8	E	28	0	28	0	DCAV	80											
04	Optional V.2 Graphic Design																			
	M469.17.0R.V4-04	8	E	28	0	28	0	DCAV	80											
05	Optional VI.1 Nanomaterials																			
	M469.17.0R.V5-05	7	E	28	0	14	0	DCAV	80											
06	Optional VI.2 Composites																			
	M469.17.0R.V5-06	7	E	28	0	14	0	DCAV	80											

RECTOR,
 Prof.univ.dr.ing.Viorel-Aurel ȘERBAN

DEAN,
 Prof.univ.dr.ing. Nicolae VASZILCSIN