

Transilvania University of Braşov, Romania

Study program: Entrepreneurship in materials engineering

Faculty: Materials Science and Engineering
 Study period: 4 years
 Academic year structure: 2 semesters (14 weeks per semester)
 Examination sessions (two): winter session (January/February)
 summer session (June/July)

Courses per years (C= course; S = seminar; L = laboratory; P = project)

1st Year – Educational plan 2023-2024

No. crt.	Course	1 st Semester					2 nd Semester				
		C	S	L	P	Cred	C	S	L	P	Cred
01	Mathematical Analysis	3	1			5					
02	Software and Computer Programming	3		2		6					
03	Descriptive geometry	2	2			4					
04	Chemistry	2		2		4					
05	Bases of management	1	2			4					
06	Materials science and engineering	2		2		5					
07	Linear Algebra, Analytical Geometry and Differential Equations						2	2			5
08	Organizational culture						2	1			4
09	Physics						2		2		4
10	Technical drawing and infographics						2		2		5
11	Technological innovation						3	2			5
12	Communication and academic writing						2	1			4
13	English language 1/2	1	1			3	1	1			3
	French language 1/2										
	German language 1/2										
	Spanish language 1/2										
14	Physical Training 1/2			1		1			1		1

2nd Year - Educational plan 2022-2023

No. crt.	Course	3 rd Semester					4 th Semester				
		C	S	L	P	Cred	C	S	L	P	Cred
01	Probability and statistics	2	1			4					
02	Strength of Materials	2	1	1		4					
03	Quality management	2	2			5					
04	European economic politics	2	2			5					
05	Applied Informatics	3		2		5					
06	Numerical methods						2		2		4

07	Marketing						2	2			4
08	Logistics management						2		2		4
09	Sustainable development						2	2			4
10	Machine parts						2		1	1	4
11	Electrotechnics fundamentals (O1)	2		1		4					
12	Intellectual property and industrial legislation (O2)						2	1			3
13	Practical Activity II (90h)										4
14	English language 3/4										
	French language 3/4										
	German language 3/4	1	1			3	1	1			3
	Spanish language 3/4										
15	Physical Training 3/4			1		1			1		1