

CURRICULUM – 1st YEAR 2024-2025

UNIVERSITY	George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș	PROGRAMME OF STUDY	Quality System Management
FACULTY	Faculty of Engineering and Information Technologies	TITLE AWARDED	Master degree
FIELD OF STUDY	Management and Engineering	OFFICIAL LENGHT OF THE PROGRAMME OF STUDY	2 years
LEVEL OF QUALIFICATION	7	NUMBER OF ECTS/SECT CREDITS	120 + 10 Preparation of the Disertation Paper

No.	Educational activities Courses	Code/ Type Of courses	1st semester								2nd semester								Total academic year			
			1st module (7 weeks)				2nd module(7 weeks)				3rd module (7 weeks)				Modul IV(7 weeks)							
			Cours	SLP	ECTS	Verif. form	Cours	SLP	ECTS	Verif. form	Cours	SLP	ECTS	Verif. form	Cours	SLP	ECTS	Verif. form	Cours	SLP	Indiv. stud.	ECTS
1.	Engineering and Quality Management Systems	MSC101/DA	2	4 _{LP}	5	E													14	28	83	5
2.	Advanced Materials	MSC102/DA	4	2 _L	5	E													28	14	83	5
3.	Quality Systems Management	MSC103/DA					4	4 _{SP}	5	E									28	28	69	5
4.	Packing, marking and international coding of goods	MSC104/DS					2	2 _P	3	E									14	14	47	3
5.	Concurrent Engineering	MSC105/DS					2	2	3	C									14	14	47	3
6.	Professional training 1	MSC106/DS	-	14	5	-	-	10	4	C									0	168	57	9
7.	Quality Engineering Analysis and Evaluation Methods	MSC107/DS									4	2 _P	4	E					28	14	58	4
8.	Ethics and academic integrity	MSC108/DA									2	-	3	E					14	0	61	3
9.	Quality Audit	MSC109/DS													4	4 _{SP}	5	E	28	28	69	5
10.	Means and Methods of Quality Control in Manufacturing Systems	MSC110/DS													2	4 _L	4	E	14	28	58	4
11.	Professional training 2	MSC111/DS									-	12	5	-	-	12	5	C	0	168	82	10
12.	Strategic Management	MSC112/DS MSC113/DS									4	2 _S	4	C					28	14	58	4
GENERAL TOTAL		11 compulsory; 1optional	6	6+14	15	2E	8	8+10	15	2E;2C	10	4+12	16	2E;1C	6	8+12	14	2E;1C	210	518	772	60
TOTAL HOURS/ECTS			14+12 hours/week ; 30 ECTS								14+12 hours/week ; 30 ECTS								728			

Formative categories		Activities			
DF	Foundamental Courses	c Courses			
DD	Technical Course	s Seminars			
DS	Specialized Course	lp Practical exercises			
DC	Complementary Course	p Project			

**CURRICULUM – 2nd YEAR
2024-2025**

UNIVERSITY	<i>George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș</i>	PROGRAMME OF STUDY	<i>Quality System Management</i>
FACULTY	<i>Faculty of Engineering and Information Technologies</i>	TITLE AWARDED	<i>Master degree</i>
FIELD OF STUDY	<i>Management and Engineering</i>	OFFICIAL LENGHT OF THE PROGRAMME OF STUDY	<i>2 years</i>
LEVEL OF QUALIFICATION	<i>7</i>	NUMBER OF ECTS/SECT CREDITS	<i>120 + 10 Preparation of the Disertation Paper</i>

No.	Educational activities Courses	Code/ Type Of courses	1st semester								2nd semester								Total academic year			
			1st module (7 weeks)				2nd module(7 weeks)				3rd module (7 weeks)				Modul IV(7 weeks)							
			Cours	SLP	ECTS	Verif. form	Cours	SLP	ECTS	Verif. form	Cours	SLP	ECTS	Verif. form	Cours	SLP	ECTS	Verif. form	Cours	SLP	Indiv. stud.	ECTS
1.	Statistic Control in Production Systems	MSC201/DA	2	2 _L	4	E												14	14	47	4	
2.	Management of Social responsibility	MSC202/DA	2	2 _s	4	E												14	14	72	4	
3.	Analysis and Evaluation Technics of Production Systems	MSC203/DA					2	4 _{sp}	4	E								14	28	58	4	
4.	Ergonomic Organization of Work	MSC204/DS					2	2 _s	4	E								14	14	72	4	
5.	Industrial Property	MSC205/DS					2	2 _s	3	E								14	14	47	3	
6.	Professional training 3	MSC206/DS	-	12	4	-	-	12	4	C								-	168	32	8	
7.	Advanced Scientific Research leading to the Dissertation	MSC207/DS									4	2 _s	5	E				28	14	83	5	
8.	Practice for the Dissertation Paper	MSC208/DS									-	10	5	-	-	14	7	C	-	168	132	12
9.	Preparation of the Disertation Paper	MSC209/DS									-	10	5	-	-	12	8	C	-	154	171	13
10.	Certification of industrial products and systems	MSC210/DS MSC211/DS	4	2 _p	3	C												28	14	58	3	
GENERAL TOTAL		9 compulsory; 1optional	8	6+12	15	2E;1C	6	8+12	15	3E;1C	4	12+10	15	1E		12+14	15	2C	126	602	772	60
TOTAL HOURS/ECTS			14+12 hours/week ; 30 ECTS								14+12 hours/week ; 30 ECTS								728			

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