4-3. Program overlook

	Master of Science 1	Master of Science 2
Location	TMU	Lille
Credits	26 mandatory class credits (18 for MS1, 2	Total 120 credits
	for MS2, 6 for master thesis)	60 mandatory class credits (30 for MS2 3 rd
	4 elective class credits	semester, 30 for MS2 4 th semester)
Curriculum	Mandatory classes (a total of 10, representing 20 credits, except thesis) 1. Research ethics	1. Industrial purchasing
	 Moon-Shan Academia-Industry Forum Seminar 	2. Sales force management
		3. Business ethics
	4. Thesis writing5. Advanced topics in materials &	4. International strategies in the healthcare sector
	sensing analysis 6. Clinical translational research 7. Advanced topics in advanced	5. Legal land regulatory considerations in the medical and biomedical industry
	biomedical engineering	6. International marketing
	8. Advanced topics in optomechatronics integration & instrument sensing	7. E-health and artificial intelligence
	9. Medical photonics10. BioMEMS	8. Leadership
	Elective classes:	9. Lean engineering
	1. Processing & characterization of	10. Regulatory affairs
	biomedical materials 2. Cancer biology from tissue	11. Master's thesis
	engineering in perspective	12. Internship
	3. Structural characterization of nanomaterials	
	4. Advanced topics in surface engineering of biomaterials	
	5. Applications of nanotechnology in biomedicine	
	6. Concepts of medical instrument design & development	