

**M2 IMDEA – 2023/2024**  
**Course hours, credits (ECTS) and evaluation method**

Course name	Number of hours			Number of ECTS	Evaluation method				
	CM Lecture	TD Tutorial	TP Practical		<u>Session 1</u>	Coeff.	Documents allowed during exam	<u>Session 2</u> (retakes)	Coeff.
<b>Semester 9</b>				<b>30</b>					
<b>M2 - semester 1</b>									
3D sound & sound field synthesis	12		8	2	MCQ	2	None	MCQ	2
Signal III		22	18	4	MCQ+practical test	4	None	written test	3
Loudspeaker modelling	14	10	6	2,5	MCQ	2	None	MCQ	1
Materials for Loudspeakers	6		6	1	MCQ	1	None	MCQ	1
Microphone modelling	12			1	written test	1	All documents	written test	1
Mini and micro Transducers	10			1	written test	1	None	written test	1
Radiation of transducers	19		16	3	MCQ	2	None	MCQ	1
Transducers measurements	12		15	3	MCQ	2	None	MCQ	2
Advanced Transducers project			36	6	Report+oral presentation	6	Yes, all		
Power electronics		14	7	2	written test + report	2	Docs allowed, calculator required	written test	2
Tools for Job searching	11			1	During the semester	1	All documents	written test	1
Numerical Vibroacoustics			36	3	report	3	None		

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<b>Semester 10</b>				<b>30</b>					
<b>M2 - semester 2</b>									
Numerical modelling of Transducers		40		4	2 practical tests	4	None		
Master's thesis (700h)				26	reports + oral defense	26			