Master of Sc. In Acoustics - second year - M2

(22 sept. 2017)

suggestion of courses

				Aeroacoustics	Enginering acoustics	Vibrations	Ultrasound
Mandatory course							
Advanced acoustics	MoD 7.3b - V. Clair - tuesday 14h-16h	ECL	(english)				
	INSA-CM1 - L. Maxit (1st semester)	INSA	(french)				
				●	●	●	●
List of unit teaching							
Environmental acoustics	MoD 1.6 - M.A. Galland / D. Juvé, Friday 15h45-17h45	ECL	(english)	●	●		●
Aeroacoustics	MoD 7.5 - M. Roger, Friday 13h30-15h30	ECL	(english)	●			
Active control of noise and vibrations	MoS 1.4 - M. Ichchou / M.A. Galland, Friday 8h-12h15	ECL	(english)	●	●	●	●
Transportation noise	MoS 1.2 - M. Ichchou / D. Juvé / D. Dragna, Wednesday 8h-12h15	ECL	(english)	●	●	●	
Fluid - structure interactions	MoD 8.1 - M. Ichchou / G. Robert, Monday 8h-10h	ECL	(english)	●	●	●	
Propagation of elastic waves	MoD 3.1 - L. Jézequel / S. Besset, Monday 8h-10h	ECL	(french)			●	
Introduction to nonlinear vibrations	MoD 1.5 - J. Perret-Liaudet / F. Thouverez, Friday 13h30-15h30	ECL	(english)			●	
Structural dynamics	MoD 7.4 - O. Dessombz / L. Jézequel, Tuesday 16h15-18h15	ECL				●	
Building acoustics	C. Marquis-Favre - 1st semester	ENTPE	(english)		●		
Sound perception	INSA-CM2 - E. Parizet, 2nd semestre	INSA	(english)		●		●
Sound structure radiation	INSA-CM3 - B. Laulagner	INSA	(english)			●	
Transportation noise	INSA-CM4 - E. Parizet	INSA	(english)	●	●	●	
Ultrasound imaging	S. Catheline (master ISM) - 1st semester	Lyon 1	(english)				●
Ultrasound applications	B. Gilles	Lyon 1	(french)				●
Physics of turbulent flows	MoD 1.4 - C. Bailly / C. Bogey / D. Dragna / V. Clair, Tuesday 16h15-18h15	ECL	(english)	●			
External aerodynamics	MoD 5.6 - J. Boudet / J. Scott, Friday 15h45-17h15	ECL	(english)	●			
Numerical simulation of flows	MoD 1.1 - C. Corre / F. Godeferd, Monday 8h-12h15	ECL	(english)	●			
Dynamic of biological human systems	MoD 6.6 - L. Blanc / D. Dragna, Friday 15h45-17h45	ECL	(french)				●
System identification and sparse decompositions	MoD 3.4 - J. Huillery / L. Bako, Tuesday 16h15-18h15	ECL	(french)		●		
Numerical methods for acoustics	CeLyA, D. Dragna / V. Clair, Thursday 14h-18h	ECL	(english)	●	●	●	●
Physical problems in unbounded media: math. analysis and numerics	MoS 5.3, G. Vial	ECL	(english)	●	●		

Engineering student at ECL: your cursus must be composed of 6 teaching units, including the common course Advanced acoustics.

Student enrolled in the full second year program: your cursus must be composed of 7 teaching units, including the common course Advanced acoustics.