

DATE	NEUROBIOLOGY OF HEARING	PROFESSOR	COMMENTS	Neuro
	NB HEARING - SCHEDULE 2015 - v16			
	CLASS TIME 12:00-2:00 PM WITH SHORT BREAK			
Saturday, May 16, 2015	Students arrive in Salamanca			
Sunday, May 17, 2015	Students arrive in Salamanca			
		WEEK 1		
Monday, May 18, 2015	Mandatory post-arrival meeting	Oliver		1
	Auditory pathway overview	Manolo		2
Tuesday, May 19, 2015	Frequency selectivity, masking and the critical band	Lopez-Poveda		3
	Frequency selectivity, masking and the critical band	Lopez-Poveda		4
Wednesday, May 20, 2015	The cochlea: an overview. The physics of sound, elementary psychoacoustics and cochlear structure	Jonathan Ashmore		5
	The cochlea: cochlear mechanics and transduction	Jonathan Ashmore		6
Thursday, May 21, 2015	The cochlea: outer hair cells and cochlear amplification	Jonathan Ashmore		7
	The cochlea: inner hair cells and the cochlear synapses	Jonathan Ashmore		8
Friday, May 22, 2015	Papers must be on the cochlea or psychacoustics		topic 1 due	
Saturday, May 23, 2015				
Sunday, May 24, 2015	WEEK 2			
Monday, May 25, 2015	Acousticomotor reflexes	Lopez	Memorial day	9
	Eight nerve, root nucleus	Lopez		10
Tuesday, May 26, 2015	Auditory nerve anatomy, physiology	David Ryugo	paper 1 due	11
	Cochlear nucleus anatomy, physiology	David Ryugo		12
Wednesday, May 27, 2015	CN plasticity	David Ryugo		13
	SOC anatomy and plasticity	David Ryugo		14
Thursday, May 28, 2015	Biologically inspired speech processors for auditory prostheses	Lopez-Poveda		15
	Neuroanatomy	Saldana		16
Friday, May 29, 2015	Papers must be on the nerve, cochlear nucleus, superior olive, or plasticity		topic 2 due	
Saturday, May 30, 2015				
Sunday, May 31, 2015	WEEK 3			
Monday, June 01, 2015	Binaural hearing	Steve Colburn		17
	Binaural hearing	Steve Colburn		18
Tuesday, June 02, 2015	Binaural hearing	Steve Colburn	paper 2 due	19
	Binaural hearing	Steve Colburn		20
Wednesday, June 03, 2015	Go to Prague			
Thursday, June 04, 2015	Prague			21
				22
Friday, June 05, 2015	Prague			23
				24
Saturday, June 06, 2015				
Sunday, June 07, 2015				
Sunday, June 07, 2015	Return to Salamanca			
		WEEK 4		
Monday, June 08, 2015	IC	Oliver		
	Neuroanatomy	Saldana		25
Tuesday, June 09, 2015	Plasticity in Auditory System	Malmierca		26
	Plasticity in Auditory System	Malmierca		27
Wednesday, June 10, 2015	Brainstem and midbrain physiology	Escabi		28
	Brainstem and midbrain physiology	Escabi		29
Thursday, June 11, 2015	Brainstem and midbrain physiology	Escabi		31
	Brainstem and midbrain physiology	Escabi		32
	Papers must be on binaural hearing, SOC or midbrain		topic 3 due	
Friday, June 12, 2015				
Saturday, June 13, 2015				
Sunday, June 14, 2015	WEEK 5			
Monday, June 15, 2015	Thalamus and Auditory Cortex	Ed Bartlett	paper 3 due	33
	Thalamus and Auditory Cortex	Ed Bartlett		34
Tuesday, June 16, 2015	Thalamus and Auditory Cortex	Ed Bartlett		35
	Thalamus and Auditory Cortex	Ed Bartlett		36
Wednesday, June 17, 2015	Plasticity in Auditory System	Merchan	group topic due	37
	Discussion	Oliver		38
	Projects must be on Cortex or plasticity			
Thursday, June 18, 2015	In-class presentations: topics are auditory cortex and plasticity		group project due	39
	In-class presentations: topics are auditory cortex and plasticity			40
Friday, June 19, 2015	WEEKEND 5			
Saturday, June 20, 2015				
Sunday, June 21, 2015	Last day to depart dormitory			