

Teaching Week 3: **Cognitive Neuroscience**

8 – 12 March 2010

Course Organizer: John-Dylan Haynes

Location: Room 123, Luisenstraße 56, 10117 Berlin Mitte

Course Outline

	Mon 8 March	Tue 9 March	Wed	Thu 11 March	Fri 12 March	
9.15–10.45	Visual perception (Haynes)	Movement (Heinzle)	no lectures	Lateralisation (Weygandt)	Emotion (Sterzer, Bermpohl)	
Break						
11.00–12.30	Visual perception (Haynes)	Movement (Heinzle)			Learning and memory (Weygandt)	Emotion (Sterzer, Bermpohl)
Break						
13.30–15.00	Attention (Haynes)	Volition and executive functions (Reverberi)			Learning and memory (Weygandt)	Emotion (Sterzer, Bermpohl)
Break						
15.15–16.45	Consciousness (Haynes)	Decision making (Reverberi)			Development (Li)	After last session: Multiple Choice Test, 30 questions

Keywords

Visual perception, attention, consciousness and awareness, motor control, volition, executive control, decision making, neurocognitive development, plasticity and learning, memory, emotion

Textbook

Gazzaniga, Ivry & Mangun:

Cognitive Neuroscience: The Biology of the Mind. 2nd ed.

London: Norton.

Chapters:

- 5 Perception and encoding
- 6 Higher perceptual functions
- 7 Selective attention and orienting
- 8 Learning and memory
- 10 Cerebral lateralization and specialization
- 11 The control of action
- 12 Executive functions and frontal lobes
- 13 Emotion
- 15 Development and plasticity