

Weekly Planner
ECPS5003: The Brain, Biology and Cognition (BBC)

Date	Topic	Key Reading
5 th Oct	Anatomy of the nervous system and neurons Module and Assessment Overview	Pinel – Chapters 1 & 3
12 th Oct	Biological: Neuron structure, anatomical directions, brain cut terms, identification of structures, divisions of the brain, systems, neurotransmitters Cognitive: main approaches and methods of research investigation	Pinel – Chapter 4 Eysenck and Keane – Chapter 1
19 th Oct	Neurodevelopment and Language development	Pinel – Chapter 9 Eysenck and Keane – Chapter 11
26 th Oct	Differences and similarities between human and animal communication	Paper provided on Moodle
Reading Week: 30th October – 3rd November		
9 th Nov	Vision and Perception Top-down vs. bottom-up processing in perception Visual illusions	Pinel – Chapter 6 Eysenck and Keane – Chapters 2 & 4
16 th Nov	Mechanisms of hearing, touch, and attention Attending to stimuli Making sense of objects/faces	Pinel – Chapter 7 Eysenck and Keane – Chapters 3 & 5
23 rd Nov	Structure and systems of LTM	Eysenck and Keane – Chapter 7
30 th Nov	Learning, memory, and amnesia Schemas and forgetting	Pinel – Chapter 11
7 th Dec	Essay Guidance	
14 th Dec	Interactive memory activities	Eysenck and Keane – Chapter 6
Christmas Break (3 weeks): 18th December – 5th January		
Assessment period (3 weeks): 8th – 26th January		
1 st Feb	Biological and Cognitive effects of brain damage. Linking different brain areas with different deficits. Epilepsy.	Pinel – Chapter 10
8 th Feb		
Reading Week 12th – 16th February		
22 nd Feb	Biological and Cognitive effects of drug addiction. Agonist and antagonist effects of drugs on the mechanisms of neurons.	Pinel – Chapter 15
29 th Feb		
7 th Mar	Psychiatric disorders Dopamine theory of schizophrenia Anxiety and affective disorders	Pinel – Chapter 18

14 th Mar		
21 st Mar	Research Methods of Biopsychology and Cognitive Neuroscience Practical Demonstration of GSR	Pinel – Chapter 5
Easter Break (3 weeks): 25th March – 12th April		
18 th April	Module Wrap-up Exam Preparation and Guidance	