

neuroanatomy-lab-handout.md

Directional terms

Direction	Brain Model	Specimen	Atlas
Rostral/caudal			
Anterior/posterior			
Medial/lateral			
Dorsal/ventral			
Superior/inferior			

Planes of Section

Plane	Brain Model	Specimen	Atlas
Sagittal			
Coronal/frontal			
Axial/horizontal/transverse			

Brain Structure

Structure	Brain Model	Specimen	Atlas
Forebrain			
Midbrain			
Hindbrain			

Surface of Cerebral Cortex

Structure	Brain Model	Specimen	Atlas
Central sulcus			
Lateral sulcus/fissure			
Longitudinal fissure			
Cerebral hemispheres			
Parietal lobe			
Frontal lobe			
Insular cortex			
Temporal lobe			
Occipital lobe			

Surface of Cerebral Cortex

Structure	Brain Model	Specimen	Atlas
Precentral gyrus			
Postcentral gyrus			
Superior temporal gyrus			

Fiber tracts

Structure	Brain Model	Specimen	Atlas
Corpus callosum			
Anterior commissure			
Posterior commissure			
Olfactory nerve, Ist			
Optic nerve/tract, IIInd			
Optic chiasm			
Fornix			

Subcortical structures

Structure	Brain Model	Specimen	Atlas
Caudate nucleus			
Putamen			
Globus Pallidus			
Thalamus			
Hypothalamus			
Pituitary gland			
Hippocampus			
Amygdala			

Midbrain

Structure	Brain Model	Specimen	Atlas
Tectum			
Superior colliculus			
Inferior colliculus			
Tegmentum			
Substantia nigra			
Ventral tegmental area			
Locus coeruleus			

Hindbrain

Structure	Brain Model	Specimen	Atlas
Cerebellum			
Pons			
Medulla Oblongata			
Spinal cord			

Ventricles

Structure	Brain Model	Specimen	Atlas
Lateral ventricles			
3rd ventricle			
Cerebral aqueduct			
4th ventricle			