

- Faculté des lettres et sciences humaines
- www.unine.ch/lettres

**Neurosciences : Brain and cognition (2LN2201)**

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en sciences cognitives</b>	<b>Cours: 2 ph</b>	Voir ci-dessous	5

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

**Période d'enseignement:**

- Semestre Printemps

**Equipe enseignante**

Dr Delphine Preissmann

**Contenu**

planning of the course (brief summary)

Introduction

Brain anatomy, Case studies

Action potential, neuromodulation

Somatic Sensory system, Perception

Language (aphasia)

Brain plasticity, Memory

Neuroimageries/states of consciousness, sleep

Affective and cognitive Neurosciences

Emotions, hormones

Addictions

Decisions, embodiment

Prosocial behavior / social pain

Empathy

**Forme de l'évaluation**

Written Exam (2h)

**Documentation**

Bibliography

- Bear, M.F. et al. Neuroscience: Exploring the Brain. Lippincott Williams & Wilkins

- Purves, D. et al., Neuroscience. Sunderland, Massachusetts, USA.

- Gazzaniga, Ivry, Mangun. Cognitive Neuroscience: The biology of Mind, W. W. Norton & Company; 4th edition

- Kolb, B., Wishaw, Q. An Introduction to Brain and Behavior

+ Specific bibliography indicated during the course

**Forme de l'enseignement**

cours ex cathedra