

MINOR IN *Neuroscience* Human & Artificial Intelligence

AIMS OF MINOR

- To integrate students from different disciplines into neuroscience
- To provide core knowledge on the different topics of the nervous system
- To inspire young talents to pursue their career in the field

INTENDED LEARNING OUTCOMES OF MINOR

- Develop scientific inquiry and critical thinking skills
- Evaluate key concepts in the nervous system
- Implement core knowledge and skills in research related to brain development and functioning, pathophysiological basis of brain diseases
- Apply neuroscience concepts to scientific issues of regional and global health problems
- Integrate neuroscience knowledge to various applications such as artificial intelligence, brain-machine interface, deep learning, improved mental life, and promising cures for various brain disorders



MINOR PROGRAMME REQUIREMENT

15 CUs

CORE COURSES

12 CUs

GE1352	How Your Brain Works
NS1001	Brain Structure and Function
NS2001	Cognition and Behaviour
NS2003	Introduction to Artificial Intelligence with Brain Computing and Application

ELECTIVES (ANY ONE COURSE)

3 CUs

NS2002	Molecular and Cellular Neurobiology
NS3001	Technologies in Neuroscience
NS3002	Learning and Memory
NS3003	Ethical Application of Artificial Intelligence in Biological Sciences and Healthcare
NS4001	Brain Disorders and Therapy
NS4002	A Mathematical Introduction to Neural Networks

CUs = credit units

APPLICATION PERIOD 25 Jun – 9 Jul 2025

HOW TO ADD apply via AIMS

CONTACT US ns.ug@cityu.edu.hkSCAN TO
APPLY