

BIOPSYCHOLOGY AND NEUROSCIENCE, MASTER OF SCIENCE

The Master of Science in Biopsychology and Neuroscience aims to build human capacity and train the next generation of researchers in the field of Neuroscience and Mental Health. The master's degree provides the students with knowledge of the biological foundations of neurological and psychiatric diseases. It also helps them develop critical and independent reasoning skills.

For more information, click here (<https://www.hbku.edu.qa/en/chls/ms-biopsychology-neuroscience/>).

Requirements

Minimum hours required to complete program 33 CH

Code	Title	Hours
Core Courses		
BNS 601	Research Methods and Ethics in Biopsychology and Neuroscience	3
BNS 607	Biopsychology	3
CLS 625	Applied Biostatistics	3
CLS 711	Development and Diseases of The Nervous System	3
LS 708	Advanced Neuroscience	3
Subtotal		15
Elective Courses		9
LS 713	Behavior, Learning and Memory	
LS 709	Molecular and Cellular Biology of Neurodegenerative Diseases	
Free Electives		
LS 603	Advanced Molecular Biology	
LS 714	Scientific Communication and Professional Development	
GPM 604	Advanced Genetics	
GPM 721	Bioinformatics	
GPM 733	Epigenetics	
GPM 720	Pharmacogenomics	
EXSC 710	Behavioral Aspects of Physical Activity	
LS 740	Stem Cell Biology	
Seminar		
LS 701	Research Seminar	
Thesis		9
BNS 695	Master's Thesis Hours	
Total Hours		33

First Year		
First Semester		Hours
BNS 601	Research Methods and Ethics in Biopsychology and Neuroscience	3
LS 708	Advanced Neuroscience	3
CLS 711	Development and Diseases of The Nervous System	3
LS 701	Research Seminar	0
Semester Hours		9
Second Semester		
CLS 625	Applied Biostatistics	3

Elective 1		3
Elective 2		3
Semester Hours		9
Second Year		
First Semester		
BNS 607	Biopsychology	3
BNS 695	Master's Thesis Hours	3
Elective 3		3
Semester Hours		9
Second Semester		
BNS 695	Master's Thesis Hours	6
Semester Hours		6
Total Hours		33