

University of Queensland:

Research course in neuroscience:

http://www.courses.uq.edu.au/student_section_loader.php?section=1&profileId=68814

Courses specifically listed as Neuroscience offerings (Other curricula in their BS degree for all Biomedical Sciences majors):

<http://www.uq.edu.au/study/search.html?keywords=Neuroscience&searchType=all&archived=true#courses>

- | <u>Course code</u> | <u>Course title</u> |
|----------------------------|--|
| • NEUR3001 | Molecular & Cellular Neuroscience |
| • NEUR7001 | Neuroscience Laboratory Rotation 1 |
| • NEUR7002 | Neuroscience Laboratory Rotation 2 |
| • NEUR7003 | Neuroscience Laboratory Rotation 3 |
| • NEUR7005 | Cognitive Behavioural Neuroscience |
| • NEUR7006 | Molecular and Cellular Neuroscience |
| • NEUR7004 | Systems Neuroscience: Sensory and Motor |
| • PSYC3302 | Cognitive Neuroscience |
| • PSYC3272 | The Neuroscience of Social Behaviour |
| • PSYC2020 | Neuroscience for Psychologists |
| • PSYC8181 | Cognitive Neuroscience of Clinical Neuropsychology |
| • PSYC3192 | Sensory Neuroscience |
| • PSYC3232 | Behavioural Neuroscience: Learning & Emotion |
| • NEUR2530 | Motor Control & Learning |
| • NEUR3002 | The Integrated Brain |
| • NEUR3733 | Neuromechanical Basis of Human Movement |
| • NEUR7530 | Learning & Motor Control |
| • NEUR7733 | Neuromechanics |

University of Melbourne:

<https://handbook.unimelb.edu.au/faces/htdocs/user/search/SearchResults.jsp>

Undergraduate subjects (your first degree) 15 results

Document Code ▲	Subject ↕	Study Period	Offered	Campus
		Commencement ↕	as Breadth ↕	
ANAT40001	Anatomy & Neuroscience Research Project	semester 1	N	parkville
ANAT40002	Seminars in Anatomy and Neuroscience	march	N	parkville
ANAT40005	Anatomy & Neuroscience Research Project	semester 2	N	parkville
BIOM20001	Molecular and Cellular Biomedicine	semester 1	N	parkville
MEDI40003	Research Project	semester 1	N	parkville
MEDI40012	Research Project	semester 2	N	parkville
MKTG30008	Neuromarketing	semester 2	Y	parkville
NEUR30003	Principles of Neuroscience	semester 1	Y	parkville
OPTO30007	Visual Neuroscience	semester 2	N	parkville
PSYC30018	Neuroscience and the Mind	semester 1	Y	parkville

PSYC30021	Psychological Science: Theory & Practice	semester 2	Y	parkville
PSYC30022	Trends in Personality & Social Psychology	semester 2	Y	parkville
PSYC40003	Current Topics in Cognitive Psychology	july	N	parkville
PSYC40004	Current Topics in Behavioural Neuro.	july	N	parkville
PSYC40013	Advanced Psychological Theory & Practice	semester 2	N	parkville

University of Otago:

<http://www.otago.ac.nz/courses/subjects/neur.html>

Overview

Neuroscience is an interdisciplinary subject which covers the brain or 'neural' component of disciplines such as [Anatomy](#), [Biochemistry](#), [Computer Science](#), Neurology, [Pharmacology](#), [Physiology](#), [Psychology](#) and [Zoology](#). It is currently one of the fastest growing areas in Biology.

At the University of Otago, Neuroscience is available as a major subject of study for the degrees of [Bachelor of Science \(BSc\)](#), [Bachelor of Science with Honours \(BSc\(Hons\)\)](#), [Master of Science \(MSc\)](#), for the [Diploma for Graduates \(DipGrad\)](#), the [Postgraduate Diploma in Science \(PGDipSci\)](#) and the [Doctor of Philosophy \(PhD\)](#).

Because the Otago degree programme is truly interdisciplinary, it is constructed from papers offered by a large number of different departments.

Papers other than those with a NEUR code are taught as part of the Neuroscience Programme.

"NEUR" Papers

Paper code	Year	Title	Points	Teaching period
NEUR301	2015	Current Topics in Neuroscience	18 pts	First Semester
NEUR452	2015	Neurodegenerative Disorders	20 pts	1st Non standard period
NEUR455	2015	Sleep	20 pts	Not offered in 2015
NEUR457	2015	Developmental Neuroscience	20 pts	Not offered, expected to be offered in 2017
NEUR459	2015	Neuroendocrinology	20 pts	1st Non standard period
NEUR461	2015	Clinical Neurology	20 pts	Not offered, expected to be offered in 2016
NEUR462	2015	Special Topic	20 pts	Full Year
NEUR480	2015	Research Project	40 pts	Full Year

Programme Requirements

Bachelor of Science (BSc) majoring in Neuroscience

Level	Papers	Points
100-level	CELS 191 Cell and Molecular Biology	
	HUBS 191 Human Body Systems 1	18
	PSYC 111 Brain and Behaviour	18
	Two of:	18
	BIOC 192 Foundations of Biochemistry	
	BIOL 112 Animal Biology, or HUBS 192 Human Body Systems 2	36
	CHEM 191 The Chemical Basis of Biology and Human Health	
	PHSI 191 Biological Physics	
	ANAT 242 Neurobiology	
	PHSL 231 Neurophysiology	18
200-level	PSYC 211 Brain and Cognition	18
	One of:	
	BIOC 221 Molecular Biology	18
	BIOC 223 Cellular Biochemistry and Metabolism	
	GENE 221 Molecular and Microbial Genetics	18
	GENE 222 Genes, Chromosomes and Populations	
	PHAL 211 Introductory Pharmacology	
ZOOL 223 Animal Physiology		
300-level	Four of ANAT 335 , ANAT 336 , PHAL 303 , PHSL 341 , PHSL 342 , PSYC 313 , PSYC 317 , PSYC 323 , ZOOL 314	72
Plus	126 further points; must include 36 points at 200-level or above	126
Total	Up to 90 points may be taken from outside Science	360

Bachelor of Science with Honours (BSc(Hons)) in Neuroscience

Papers

- [NEUR 490](#) Dissertation

University of Edinburgh:

<http://www.edinburghneuroscience.ed.ac.uk/>

Specific courses: <http://www.drps.ed.ac.uk/15-16/dpt/utbscneuro1f.htm>
(too complex to insert here)

King's College London:

<http://www.kcl.ac.uk/ioppn/depts/neuroscience/index.aspx>

Specific course information:

Our programme uses the solid foundation of year one to then expose students to many of the branches of Neuroscience in year two, including cellular and systems neuroscience, neuropharmacology, psychology, developmental neurobiology, genetics and the philosophy of mind.

This is preparation for year three where student can opt to specialise in either; cellular & systems neuroscience, neuropsychology or developmental neurobiology all of which are research strengths at King's.

Students undertake substantial project work practical and theoretical work, exposure to research techniques and building knowledge about the conduct of research.

<http://www.kcl.ac.uk/lsm/study/departments/neuroscience/study/neuroscibsc/index.aspx>

DIS Neuroscience Program, Copenhagen:

<http://www.disabroad.org/study-abroad/programs/neuroscience/>

CORE COURSE OVERVIEW >> [Psychopharmacology: Substances and the Brain](#)

You will learn how the brain is affected by various psychiatric disorders and their pharmacological treatments. Besides covering basic brain anatomy and function, the link between dysfunctional brain regions/circuits and different psychiatric symptoms will be discussed. A strong focus will be on neurotransmitters and their receptors, as well as how the neurotransmitters interact.

- Credits: 3
- Prerequisites: One year of biology and one year of chemistry at university level.

Electives Related to Neuroscience:

- [Cognitive Neuroscience of Consciousness](#)
- [Cognitive Neuroscience of Consciousness Research Lab](#)
- [Creative Business Thinking: A Nordic Approach](#)
- [Developmental Disorders](#)
- [Ethical Brain, The: Philosophy and Neuroscience](#)
- [Neurological Disorders and Diseases](#)
- [Neuroplasticity: From Neurons to Behavior](#)
- [Neuroscience Methodology: A Cellular Approach to Cognition](#)
- [Neuroscience of Fear](#)
- [Neuroscience of Religion and Atheism](#)
- [Philosophy of Mental Health](#)
- [Psychopharmacology: Substances and the Brain](#)
- [Science Research Practicum](#)
- [Social Brain, The: Neuropsychology of Social Behaviors](#)