



- Required papers.
- Optional papers – number of which to be taken specified in the yellow boxes (may take more if desired).
- Recommended papers – additional papers that will support the neuroscience major.

Arrows indicate prerequisites that are not fulfilled by just the major subject requirements.

*PSYC 111 is prerequisite for PSYC 211

** B+ in NEUR 202 is prerequisite for BMSC 321

Note: You should check individual papers for prerequisites. Prerequisites for all papers are recorded on the paper information pages on the University of Otago website.

Bachelor of Science (BSc) majoring in Neuroscience

Level	Paper Code	Paper Title	Points
100-Level	CELS 191	Cell and Molecular Biology	18
	HUBS 191	Human Body Systems 1	18
100-Level	PSYC 111	Brain and Behaviour	18
	<i>Either</i> CHEM 191 or PHSI 191	The Chemical Basis of Biology and Human Health Biological Physics	18
100-Level	<i>One further paper of:</i> BIOC 192 BIOL 112 HUBS 192 CHEM 191 PHSI 191	Foundations of Biochemistry Animal Biology Human Body Systems 2 The Chemical Basis of Biology and Human Health Biological Physics	18
	200-Level	NEUR 201 NEUR 202 PSYC 211	Neurobiology Neurophysiology Brain and Cognition
200-Level	BIOC 221 BIOC 222 BIOC 223 GENE 221 GENE 222 MICR 223 PHAL 211 ZOO 223	Molecular Biology Proteins in Industry and Medicine Cellular Biochemistry and Metabolism Molecular and Microbial Genetics Genes, Chromosomes, and Populations Infection and Immunity Introductory Pharmacology Animal Physiology	
	300-Level	<i>Four (or 5 for Hons entry) of:</i> ANAT 335 BMSC 307 BMSC 321 NEUR 303 PHAL 312 PHSL 341 PSYC 313 PSYC 317 PSYC 319 PSYC 323 PSYC 330 ZOO 314	Neurobiology Selected Topics in Neurobiology Cell Biology Neuroendocrinology Pharmacology: Drugs and the Brain Molecular, Cellular and Integrative Neurophysiology I Cognition and Neuropsychology Biopsychology Comparative Cognition Sensation and Perception Drugs, Behaviour, Addiction, and Policy Neurobiology
300-Level	BIOC 353 NEUR 301 (By invite only)	Molecular Basis of Health and Disease Current Topics in Neuroscience	
	PLUS	144 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.	144
TOTAL			360

	Required Papers
	Optional Papers – number of which to be taken is specified above
	Recommended Papers – additional papers that will support the major

Contact:

Neuroscience Programme Administrator
neuroscience@otago.ac.nz || 03 556 6302