

Neuroscience Courses at the University of Otago

Please consult with the current Neuroscience Program Director at the University of Otago (<https://www.otago.ac.nz/neuroscience/contacts/index.html>) for assistance with course prerequisites.

<u>U Otago Course #</u>	<u>U Otago Course Title</u>	<u>NRSC Equivalent:</u>
PSYC 317	Biopsychology	Psychology 425
PSYC 310	Research Project (If neuroscience related; must be there for full year)	Psychology 550

These courses do *not* transfer as psychology courses but satisfy the 300-level Psychology elective for the major

PHAL 211	Introductory Pharmacology
PHAL 303	Neuropharmacology

These courses satisfy the 400-level seminar requirement for the major

ANAT 336	Selected Topics in Neuroscience	
ANAT 401	Selected Topics in Neuroscience	
Neur 301	Current Topics in Neuroscience	
PSYC 313	Cognition and Neuropsychology	Psychology 480
PSYC 319	Comparative Cognition	Psychology 480
PSYC 323	Sensation & Perception	Psychology 480
PSYC 326	Cognitive Engineering	Psychology 480
PSYCH 327	Psychology of Language	Psychology 480

These courses transfer as biology courses and satisfy the 300-level Biology elective for the major

ANAT 242	Neurobiology	Biology 330
ANAT 332	Cell Biology	Biology 313

*(if students have taken BIOL 213
ANAT 332 prereq is ANAT 241.)*

These courses do *not* transfer as biology courses but satisfy the 300-level Biology elective for the major

ANAT 335	Neurobiology (focuses on the biology of brain disorders)
HUB 191	Human Body Systems I
HUBS 192	Human Body Systems II
PHSL 231	Neurophysiology
PHSL 341/342	Molecular, Cellular & Integrative Neurophysiology I/II
ZOOL 314	Neurobiology (focuses on the evolution of the nervous system)
ZOOL 223	Animal Physiology

Elective A (Science Elective):

ANAT 243	Reproductive & Developmental Biol
BIOC 192	Foundations of Biochemistry
BIOC 221	Molecular Biology
BIOC 223	Cellular Biochemistry & Metabolism
COSC 342	Artificial Intelligence
GENE 221	Molecular & Microbial Genetics (should <i>not</i> be taken if BIOL 216 was taken at Dickinson College)
GENE 222	Genes, Chromosomes & Populations Genetics (should <i>not</i> be taken if BIOL 216 was taken at Dickinson College)
GENE 312	Evolutionary Genetics
MICR 221	Microbes to Medicine
MICR 223	Infection & Immunity
ZOOL 222	Evolutionary Biology
ZOOL 221	Animal Designs for Living

Elective B (Non-Science Elective):

ANTH 106	Human Origins & Civilizations
ANTH 222/322	Conceiving Reproduction
ANTH 223/323	Anthropology of Health
ANTH 225/325	Rites of Passage: Death, Grief and Ritual
ANTH 228/328	Anthropology of Religion and the Supernatural
ANTH 326	Special Topic: Sex and Culture
BITC 201	Bioethics and the Life Sciences
BITC 301	Bioethics
CHTH 131	God & Ethics in the Modern World
CHTH 323	Theology & Human Well Being
CHTH 423	Theology & Human Well Being (Advanced)
COSC 410	Logic for Artificial Intelligence
COSC 420	Neural Networks
COSC 421	Neural Models of Language
GEND 101	Gender in Everyday Life
GEND 102	Bodies, Sexualities & Selves
GEND 207/307	Masculinities
GEND 208/308	Governing Bodies
GEND 401	Debates in Gender & Sexuality
PHIL 101	Mind & Reality
PHIL 103	Ethical Issues
PHIL 225	Philosophy of Science
PHIL 223/323	Metaphysical Questions
PHIL 229/329	Reason, Belief and the Sacred
PHIL 233/333	Philosophy of Mind/Language
SOCI 204	Special Topic: Sociology of Health
SOCI 213	Concepts of the Self