Medical Genetics

Bachelor of Science (BSc) Genetics



200 1000

Description

Understand the genetic basis of diseases, human genetic variation, and the molecular mechanisms underlying health and illness.

Research Focused:

- Gain skills to investigate genetic factors contributing to diseases.
- Develop novel therapies and contribute to advancements in precision medicine.

People Focused:

- Learn about the role of genetic counsellors in providing advice on genetic diseases.
- Help families make informed decisions on genetic testing and understand the results.
- Pathway to becoming a genetic counsellor through professional accreditation.

Recommended structure

100 [0.40]

POPH 192

STAT 110 OR 115

IUU-level	200-level	300-level
Core papers:	Core papers:	Core papers:
CHEM 191	GENE 221	GENE 313
CELS 191	GENE 222	GENE 314
Suggested papers:	GENE 223	GENE 315
BIOC 192	Suggested papers:	Suggested papers:
HUBS 191 or 192	ANAT 243 or 241	BIOC 352
MAOR 102	BIOC 221	BITC 301

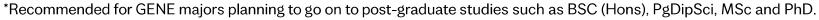
MAOH 201

PACH 201

PATH 201

200 lovel

Suggested minors: Research focused: Pathology, Biochemistry, Anatomy | People focused: Māori health, Bioethics, Psychology, Pacific & Global Health, Community & Health Care.





MAOH 301

PACH 301

PATH 302

GENE 360*