

# Bachelor of Medical Sciences

## Major in Genomics and Medical Informatics

### ENTRY REQUIREMENTS

<b>Assumed Knowledge</b>	None.
<b>Recommended Studies</b>	HSC Mathematics Advanced, HSC Chemistry, or equivalent.

### COURSE STRUCTURE

<b>Core Zone = 160 credit points</b>	
Essential units	60 credit points
Capstone unit	10 credit points
Elective units	10 credit points
Major	80 credit points
<b>Flexible Zone = 80 credit points</b>	
<b>Qualification = 240 credit points</b>	

### CORE ZONE

<b>Essential units = 60 credit points</b>	
ANAT1001	Introduction to Anatomy
BIOL1110	Genes to Organisms
BIOL1210	Human Biology
BIOL1620	Foundations in Medical Sciences
CHEM1001	Foundations of Chemical and Biomolecular Sciences 1
STAT1170	Introductory Statistics
<b>Capstone Unit = 10 credit points.</b>	
BIOL3661	PACE: Medical Sciences Capstone
<b>Elective units = 10 credit points</b>	
<b>Complete 10 credit points from the following options</b>	
HLTH2000	Contemporary Health Issues
BIOL2610	Biological Data Analysis
COGS2020	Experimental Design and Data Analysis for the Cognitive and Brain Sciences

<b>Major in Genomics and Medical Informatics</b>	
FOSE1025	Scientific Computing
BIOL2110	Genetics
BMOL2401	Microbiology and Molecular Biology
BMOL2201	Biochemistry and Cell Biology
MEDI2201	Clinical Bioinformatics and Biostatistics
BIOL3120	Human Genetics and Evolutionary Medicine
MEDI3200	Translational Biology and Genomics
BMOL3402	Molecular Biology and Genomics

### FLEXIBLE ZONE

<b>Flexible Zone = 80 credit points</b>	
This zone allows you to either gain more depth in your chosen area of study or learn about other areas that interest you. You can use your flexible zone to enrol in any Undergraduate unit for which you meet the requisites. You may also use your flexible zone to complete a minor.	