

Where can a Bachelor of Biomedicine Take Me?

Biomedicine is an excellent foundation course for students keen to become experts in various fields of biomedicine. The Bachelor of Biomedicine prepares students for a range of health-related postgraduate programs, specialised graduate research, and a career contributing to the advancement of human health. Students often use Biomedicine as an undergraduate qualification into graduate study leading to professional careers in medicine, research, health sciences, and even engineering. Students may pursue the following career opportunities, depending on their major –

Biochemistry and Molecular Biology

Medical research, biotechnology, agricultural and medical support industries, education

Bioengineering Systems

Clinical engineering, research, and development in medical technology

Biotechnology

Food technician roles, forensic science, human technology, agribusiness

Cell and Developmental Biology

Diagnostic laboratories, government agencies, medico-legal industry

Genetics

Conservation, genetic counselling, teaching, forensic science, publishing

Human Nutrition

Nutrition, public health, food policy and regulation

Human Structure and Function

Hospital and university research, scientific journalism, pharmaceutical consultancy, teaching

Immunology

Infectious diseases, diagnostics, molecular biology, biotechnology, vaccinology, biosafety and regulation

Medicine

General medical practice, surgery, research, internal medicine, radiology, pathology and policy

Microbiology and Immunology

Infectious diseases, diagnostics, molecular biology, biotechnology, vaccinology, antimicrobial chemotherapeutics, biosafety, and regulation

Neuroscience

Drug development, neuropsychology, audiology, neurochemistry, brain imaging

Pathology

Pharmaceuticals, military, biomedical and biotechnology consulting, research

Pharmacology

Drug research and development, clinical trials management, pharmaceutical marketing and sales, drug safety and evaluation

Physiology

CSIRO research, sports science, biomedical technician, medico-scientific communication, cardiac rehabilitation

Psychology

Clinical psychology, clinical neuropsychology, community psychology, counselling psychology, educational psychology, forensic psychology, health psychology, organisational/industrial psychology, sports psychology, academic psychology.

For more information, including YouTube clips, and links to graduate pathways a Bachelor of Biomedicine can take one, browse [UniMelb: Where can a Bachelor of Biomedicine Take Me?](#)



Where can a Bachelor of Science Take Me?

A Bachelor of Science is the first step towards a dream career in science, engineering, health, or technology.

Once a student has completed their Bachelor of Science degree, they can go on to gain employment, or begin a graduate degree and work towards a professional qualification.

A Bachelor of Science degree can take a student in the direction they are passionate about, from food science to psychology.

Students may pursue the following career opportunities, depending on their major and whether they go on to further study –

Agricultural, Food and Veterinary Sciences

Animal health-care services, animal welfare, business development, consulting, education, food manufacturing, government, program and project management, research

Biology

Biosecurity officer, biotechnologist, botanist, conservation officer, ecologist, environmental consultant, environmental educator, fisheries and wildlife officer, forensic scientist, genetic counsellor, laboratory technician, landscape manager, marine biologist, microbiologist, plant breeder, plant pathologist, science writer or editor, sustainability specialist, teacher, zoologist

Biomedical and Health Sciences

Biomedical scientist, biotechnologist, biosafety specialist, epileptologist, diagnostics specialist, forensic scientist, genetic counsellor, haematologist, infectious diseases specialist, medical lab technician, medical device sales and marketing, medical writer/editor, microbiologist, molecular biologist, neuroscientist, patent attorney, pharmacologist, pharmaceutical sales and marketing, physiologist, policy analyst, public health specialist, research scientist, teacher, toxicologist, vaccinologist

Chemistry

Analytical chemist, bioanalytical scientist, business development manager, chemical engineer, chemical sales representative, defence scientist, environmental chemist, food technologist, geochemist, industrial chemist, inorganic chemist, materials chemist, nanotechnologist, organic chemist, patent attorney, pharmaceutical chemist, physical chemist

Earth Sciences

Climate scientist, development geoscientist, energy analyst, energy efficiency consultant, engineering geologist, environmental scientist, exploration geoscientist, geologist and geophysicist, geology data analyst, geomorphologist, geoscientist, geospatial consultant, hydrogeologist, hydrographer, hydrogeologist, meteorologist, mineralogist, mining geologist, palaeontologist, petrophysicist, structural geologist, urban planning consultant, volcanologist, water engineer

Engineering

Aerospace engineer, architectural engineer, automotive engineer, aviation engineer, biochemical engineer, bioengineering technician, cad technician, chemical engineer, civil engineer, data analyst, electrical engineer, electrical engineering technician, electronics engineer, energy analyst, environmental engineer, geotechnical engineer, materials engineer, mechanical engineer, mechanical engineering technician, medical device engineer, metallurgist, mining engineer, polymer engineer, process engineer, software engineer, structural engineer, surveyor, system engineer, telecommunications engineer, transport engineer, waste engineer, water processing engineer

Environment

Climatologist, district forester, ecologist, ecosystem scientist, energy specialist, environmental consultant, environmental engineer, environmental geoscientist, environmental planner, environmental scientist, environmental toxicologist, land planner, landscape or water manager, natural resource manager, policy analyst, project or program manager, science writer or editor, soil specialist, sustainability specialist, teacher, or environmental educator

Geography

Arborist, botanist, business analyst, climatologist, economic geographer, engineer, environmental designer, environmental scientist, geographic information system technician, geology and mining consultant, geoscientist, health and safety auditor, parks, and roadside manager, petrophysicist, policy manager, project officer, soil specialist, spatial information scientist, sustainability manager, town planner

Information Technology

Application developer, bioinformatician, business analyst, business development manager, business systems specialist, data analytics consultant, data scientist, database manager, games developer, hardware engineer, infrastructure architect, IT consultant, network systems engineer, project manager, quantitative analyst, risk modelling specialist, software programmer, solutions architect, strategy analyst, systems analyst, web developer

Mathematics and Statistics

Mathematician, statistician, biostatistician, production scheduler, operations research analyst, consultant, business development manager, quantitative analyst, scientific programmer, operations manager, fund manager, data scientist, epidemiologist, computational biologist, bioinformatician, policy analyst, meteorologist or climatologist, data analytics consultant, business analyst, operation risk consultant, investment analyst

Physics

Astronomer, cyclotron engineer, materials scientist, physicist, researcher, teacher, patent examiner

Psychology

Psychologist (including clinical psychologist, clinical neuropsychologist, community psychologist, counselling psychologist, educational psychologist, forensic psychologist, health psychologist, organisational psychologist, sports psychologist), human resources professional, researcher, marketing, communications or public relations specialist, health promotion professional, public health professional, sleep scientist, welfare officer

Browse [Careers by Field](#) and [Tips on Choosing a Science Major](#) to discover more.

For answers to Frequently Asked Questions, browse [Science Undergraduate Studies](#).

For other information, including further study into graduate degrees, students are encouraged to browse [Where can a Bachelor of Science Take Me?](#)

