GOVERNMENT OF WESTERN AUSTRALIA

Department of
Energy and Economic Diversification

Career Guide

Western Australia's Biomedical Sector

Create a career that changes lives –
Starting with yours

Acknowledgement of Country

The Government of Western Australia acknowledges the traditional custodians throughout Western Australia and their continuing connection to the land, waters and community. We pay our respects to all members of the Aboriginal communities and their cultures; and to Elders both past and present.

Inside cover image: Roebuck Bay, Broome. Credit: Tourism Australia

Contents

Working in Western Australia's biomedical industry means being at the forefront of a growing, innovative sector - one that is shaping the future of healthcare and creating real impact in people's lives.

- Shreya Rane | Validation Specialist | BioCina

Enter a world where science, innovation and technology create real impact and your future can thrive

Western Australia's biomedical sector (also known as health and medical life sciences) is rapidly expanding and is globally recognised for developing life-saving medicines, cutting edge medical devices and innovative digital health solutions.

From patient care, laboratory and clinical operations or exciting research through to advanced manufacturing and engineering, automation and robotics, or developing breakthrough medical and healthcare innovations — there's a place for every skill set and passion.

Whether you're at the start of your career journey or embracing a career transition, this thriving sector can open the door to many exciting opportunities for a diverse and rewarding career pathway.

You can use this career guide to explore the wide range of roles across the sector. Through the careers matrix on page 12, you can browse individual career profiles and learn more about the training pathways that lead to each role.

This is an industry where curiosity and creativity can transform lives — including your own. If you're driven by the desire to make a difference and would like to do work that truly changes people's lives, a career in the biomedical sector could be for you.

To find out more, visit **wa.gov.au/organisation/department-of-energy-and-economic-diversification/health-and-medical-life-sciences-industry-careers**

What working in Western Australia's biomedical sector can offer you

A meaningful and exciting career

Great opportunities for career growth and specialisation

Variety in your work - every day brings something new

The chance to collaborate with people and teams

Opportunities to work anywhere in the world

Roles across research and innovation labs, biotech companies and more

Thinking about your next move?

Starting out, changing careers, or upskilling?

You'll find everything you need right here in this career guide - industry insights, job paths and training options.

Western Australia's thriving biomedical sector

Western Australia has a globally recognised biomedical industry, offering dynamic and rewarding careers at the cutting edge of research, technology and innovation. It is home to more than 250 biomedical organisations and support services, top-tier TAFE colleges, leading universities offering strong biomedical programs, and internationally recognised medical research institutes.

The sector provides an exceptional environment for learning, collaboration and career development with opportunities spanning medical research, data analysis, bioengineering, advanced manufacturing, digital health, pharmaceuticals, software programming, artificial intelligence, robotics and more.

Careers in the biomedical sector

Biomedical careers are evolving faster than ever. Advances in digital health, artificial intelligence, medical devices and data-driven medicine are transforming how health solutions are developed, regulated and delivered — and reshaping the skills employers value.

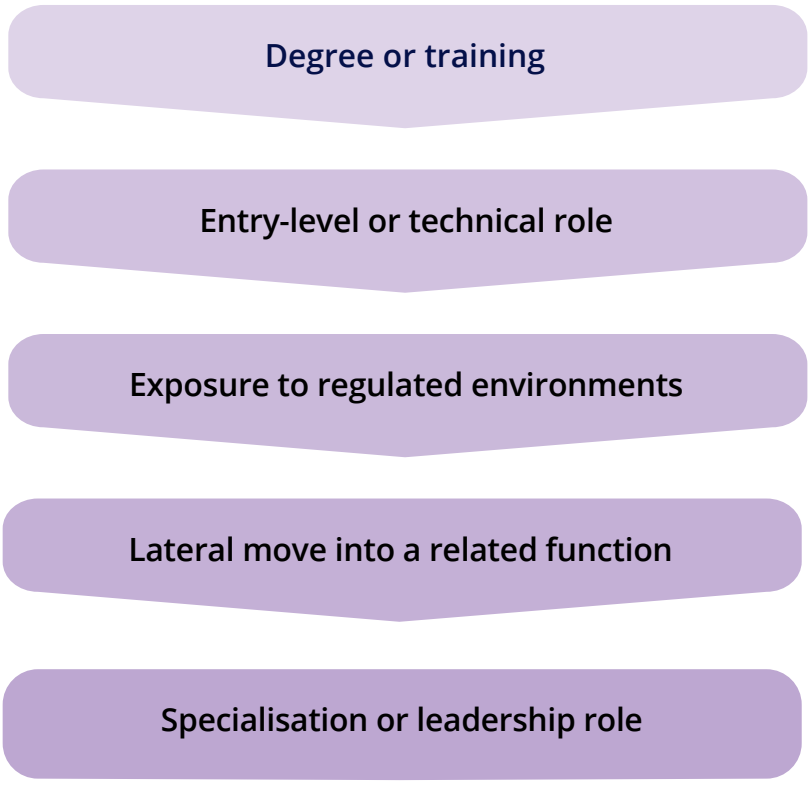
Today's biomedical workforce is no longer defined by a single degree or linear career path. Many professionals move between science, technology, data, regulation, clinical and business roles over time. Cross disciplinary collaboration is now the new normal and real world experience is often just as valuable as formal qualifications.

This guide showcases a range of careers across the biomedical sector in Western Australia and beyond. It is designed to help you:

- **Understand the breadth of roles available**
- **Explore the multiple pathways into the sector**
- **See how science, technology and healthcare intersect**
- **Recognise that careers evolve over time and rarely follow a single, linear path**

In addition to scientific and technical roles, there are also a wide range of careers that draw on business, marketing, communication, legal, strategic and leadership skills.

A typical career journey might look like this:



In the biomedical sector, skills compound over time. Understanding regulation, clinical workflows, data integrity and risk management makes professionals more valuable, regardless of their original discipline.

The most successful careers are often built by staying curious, developing transferable skills, and being open to opportunities that sit next to your original training rather than directly on top of it.

over
250
biomedical organisations and support services

5
research universities with strong biomedical programs

21
medical research institutes and foundations

28 Ha
biomedical campus, one of the largest in the southern hemisphere

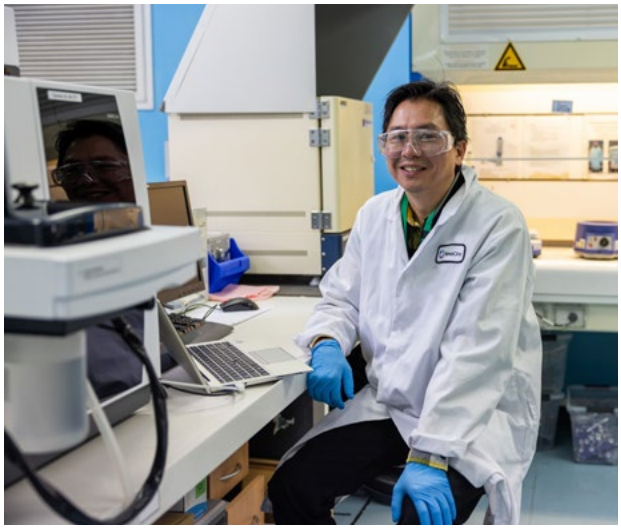
$1.8B
sovereign wealth fund backing the Future Health Research and Innovation Fund

Opportunities for skilled migrants

If you are qualified and/or experienced in eligible fields such as biomedical engineering, medical manufacturing, biochemistry, biotechnology, laboratory operations, medical or pharmaceutical research, there are many career opportunities waiting for you in Western Australia.

Perth, Western Australia's capital city, is consistently ranked among the world's most liveable cities thanks to its education, healthcare, infrastructure, lifestyle and natural beauty. It isn't just a smart place to build your career — it's an extraordinary place to live, work and thrive. To find out more, please visit migration.wa.gov.au/moving-western-australia/joining-wa-workforce.

To learn more about the local biomedical ecosystem from an international perspective, please visit investandtrade.wa.gov.au/our-industries/health-and-medical-technology.



What skills do I need?

A career in the biomedical sector requires a well-rounded blend of professional skills and personal qualities.

- Problem solving and critical thinking
- Organisational and time management
- Attention to detail
- Communication skills
- Teamwork and collaboration
- Ethical awareness and integrity
- Curosity and creativity
- Adaptablility and flexibility

Study pathways

There are several study pathways that can lead to a rewarding career in the biomedical sector.

Vocational Education and Training (VET) courses available through WA TAFE Colleges can provide practical and job ready skills from entry-level through to higher-level qualifications.

If you're aiming for a specialised professional role or aspiring to move into management or executive positions, degree level study at university can open doors to advanced opportunities.

For some roles — especially if you're transitioning from another field — prior biomedical training may not be essential, provided you can demonstrate the relevant skills.

TAFE WA

TAFE WA offers a wide range of courses relevant to the biomedical sector — from certificates and diplomas in laboratory techniques to information technology courses in data science and artificial intelligence. These pathways can create strong foundations for a career in this thriving industry. To find out more, visit **jobsandskills.wa.gov.au/biomedical**.

With VET, there are multiple pathways to completing a qualification. Some courses include traineeship opportunities, while others offer recognition of prior learning, allowing you to gain credit for existing skills and experience. To find out more, visit **jobsandskills.wa.gov.au/jobs-and-skills-centre** or call 13 64 64.

Universities

Studying at university enables you to explore a variety of specialised disciplines including genetics, microbiology, immunology, biochemistry, neuroscience, AI, data science, engineering and IT.

Each university provides different study options, with some offering multiple degrees in one area. Many of these degrees can also serve as pathways into postgraduate study for further areas of specialisation.

There are five universities in Western Australia that offer courses leading to careers in the biomedical sector:

- Curtin University
- Edith Cowan University (ECU)
- Murdoch University
- The University of Notre Dame
- The University of Western Australia (UWA)

Industry-specific learning

Depending on your career path, some private industry organisations offer additional training programs that may be required for specific roles. For example, Good Clinical Practice (GCP) training is essential to meet regulatory and compliance standards in clinical trials.

Perth Biodesign

Perth Biodesign offers a portfolio of advanced programs in biomedical innovation for entrepreneurs and startups, from bootcamps to the Flagship program designed to identify healthcare needs and develop viable solutions. Perth Biodesign also provides training and industry placement opportunities for PhD researchers. These initiatives are strengthened by the local ecosystem, drawing on the expertise of world class healthcare and academic professionals.

Perth Biodesign is administered by The University of Western Australia, and its alumni have gone on to develop leading edge technology companies. These include VitalTrace – now commercialising advanced biosensor technology to support safer childbirth; VeinTech – commercialising an innovative vein finding device; and Earflo – commercialising the first non-invasive, at-home treatment for negative middle ear pressure in children that can lead to chronic ear infections – just to name a few.

International Students

Western Australia is emerging as a global hub for the biomedical, agri biotech, and marine biotech sectors, and is home to the fastest growing biotechnology industry in the nation. International students studying here benefit from access to more than 140 high quality education and training providers — including world class TAFEs, five leading universities offering cutting edge biomedical and health science programs, and internationally recognised research institutes driving innovation in areas such as clinical trials, digital health, and biotechnology.

At the heart of this thriving industry is Perth - Western Australia's sunny capital and one of the world's most liveable cities. With its high-quality healthcare system, advanced infrastructure and stunning natural surroundings, Perth offers more than just a place to study. It's a safe, vibrant, welcoming city where students can build a meaningful career while enjoying a great lifestyle. Perth's 'Regional' city status offers international students the opportunity to access extended post-study work rights under Australia's Temporary Graduate visa (subclass 485), allowing students to stay longer in regional Western Australia and contribute to the local workforce.

To find out more, visit **www.wa.gov.au/organisation/department-of-energy-and-economic-diversification/international-education**

Industry sub-sectors

The biomedical industry includes a range of sub-sectors as follows. Each sub-sector contains a different mix of job roles, which you can see in more detail on the next page.

Pharmaceuticals / Therapeutics / Biotech (Biotechnology) refers to the development and manufacturing of medicines, vaccines and biological products to treat or prevent disease.

Medtech (Medical Technology) refers to the development of devices and electronic products for use in healthcare, including surgical tools, implants, screening devices and diagnostic tests.

Digital Health is the use of technologies such as mobile apps, wearables, telehealth, software and artificial intelligence to improve the prevention, diagnosis, treatment and management of disease.

Contract Research Organisations (CROs) provide research and clinical trial services to biomedical companies on an outsourced and contract basis.

Contract Development and Manufacturing Organisations (CDMOs) are flexible third-party manufacturing partners that support pharmaceutical and medical device companies across the entire development and production cycle.

Medical Research Institutes and Universities conduct discovery research, train the next generation of scientists and clinicians and collaborate with industry and government to improve healthcare outcomes.

Support Services encompass essential functions for bringing biomedical products to market, such as regulatory and legal affairs, which are delivered by a mix of specialist firms and in-house employees.

All of these sub-sectors are driven by Research and Development (R&D) while Pharmaceuticals / Therapeutics / Biotech, MedTech, Digital Health and CROs / CDMOs also incorporate Commercialisation, Manufacturing and/or Sales of biomedical products.

Create a career that changes lives – Starting with yours

This matrix helps you explore career pathways across Western Australia's thriving biomedical sector. It highlights opportunities across six industry sub-sectors, including support services and leadership / management roles.

INDUSTRY SUB-SECTOR	Pharmaceuticals Therapeutics Biotech	MedTech	Digital Health	CROs CDMOs	Medical Research Institutes Universities	Support Services
Leadership	Founder | CEO | Chief Scientific Officer | Chief Medical Officer | Chief Technical Officer Director of Clinical Operations | Commercialisation and Strategy Lead				Executive Director Dean or Head of School Director Research Leader Professor	Managing Director CEO
R + D	Biochemist Biostatistician Biotechnologist Data Scientist Laboratory Manager Laboratory Technician Microbiologist Pharmacologist Software Engineer Statistical Programmer	Data Scientist Biomedical Engineer Biostatistician Industrial Designer Software Engineer Statistical Programmer	Data Scientist Biostatistician Software Engineer Statistical Programmer	**Contract Research Organisations [CROs]** Biostatistician Clinical Research Nurse Clinical Trials Assistant Clinical Trials Coordinator Data Scientist Laboratory Manager Laboratory Technician Pharmacist Quality Assurance Officer – Clinical Trials Software Engineer	Research Scientist Commercialisation Manager Biostatistician Data Scientist Laboratory Manager Laboratory Technician Software Engineer Statistical Programmer	Commercialisation Manager Medical Writer Patent Attorney Regulatory Affairs Specialist
Manufacturing	Manufacturing Manager Process Control Engineer Production Assistant Quality Control Assistant Quality Control Specialist	Manufacturing Manager Process Control Engineer Production Assistant Quality Control Assistant Quality Control Specialist		**Contract Development and Manufacturing Organisations [CDMOs]** Manufacturing Manager Microbiologist Process Control Engineer Production Assistant Quality Control Assistant		

- There are multiple study pathways ranging from WA TAFE courses to university degrees.
- In Western Australia, relevant university degrees are offered at Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame and the University of Western Australia (UWA).
- If you're thinking of founding a start up company in this field, Perth Biodesign offers advanced programs in biomedical innovation.
- If you're thinking about a career change, your transferable skills can be a real advantage. To explore your options and read real stories from people who are making an impact in this sector, visit jobsandskills.wa.gov.au/biomedical
- If you're living outside WA and are qualified or experienced in fields such as biomedical engineering, medical manufacturing, biochemistry, biotechnology, laboratory operations, or medical and pharmaceutical research, Western Australia offers strong skilled migration opportunities. Visit migration.wa.gov.au/moving-western-australia/joining-wa-workforce for details.
- To learn more about this thriving sector, visit wa.gov.au/organisation/department-of-energy-and-economic-diversification/health-and-medical-life-sciences-industry

Leadership and Management Roles

There are a wide variety of leadership and management opportunities in the biomedical sector, ranging from specialised roles such as Chief Scientific Officers and Directors of Clinical Operations, to Commercialisation and Strategy Leads, right through to Founders and CEOs.

I enjoy being part of a nimble startup with the potential to grow into a global organisation. Lixa's breakthrough technology is not only a game changer for humanity, but its applications across industries make the breadth of opportunities truly exciting. The variety keeps me constantly learning, and with no two days ever the same, the work is both challenging and deeply rewarding.

Craig Breen | Chief Operating Officer | Lixa

Career Profiles

Biochemist

Biochemists in the biomedical sector study the chemical processes of living organisms to understand diseases, develop treatments and improve diagnostics. They investigate the molecular basis of illnesses, design and test drug products and refine diagnostic tools by analysing blood and other fluids. Biochemists may also prepare scientific reports based on their observations and experiments. Ultimately, they serve as the molecular detectives of medicine, uncovering how life works at the chemical level to advance healthcare and improve patient outcomes.

Biochemists in this sector work in laboratories in pharmaceutical, biotechnology and contract research organisations (CROs), universities and medical research institutes.

Education and training

To become a Biochemist, you typically need a university degree majoring in biochemistry, molecular biology, biomedical science or a related area. Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame and The University of Western Australia (UWA) offer courses in this field.

Bachelor of Sciences - Biochemistry | Curtin University

Bachelor of Biomedical Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science | Murdoch University

Bachelor of Biomedical Science | The University of Notre Dame

Bachelor of Science – Biochemistry and Molecular Biology | The University of Western Australia (UWA)

Bachelor of Philosophy – Biochemistry and Molecular Biology | The University of Western Australia (UWA)

Bachelor of Biomedical Science – Biochemistry and Molecular Biology | The University of Western Australia (UWA)

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Biomedical Engineer

Biomedical Engineers design and develop innovative medical devices, technologies and materials to meet evolving healthcare needs. Their work spans the entire development process from initial design concept to prototyping, testing and refinement — often guided by clinical data and engineering models. They may also adapt or improve existing technologies to meet new challenges or regulatory requirements.

Biomedical engineers work in a variety of settings including medical technology companies; universities; medical research institutes; laboratories and hospitals. Collaboration is central to the role, with engineers working alongside scientists, clinicians and regulatory specialists to ensure safety, effectiveness and compliance. Specialist roles in the hospital system in WA include those in the EMHS Bioengineering team.

Education and training

To pursue a career as a Biomedical Engineer, you'll need to complete an undergraduate degree in engineering. This may be in biomedical engineering directly, or in a related discipline such as mechanical, mechatronic, electrical, materials, or software and systems engineering.

TAFE WA Courses

Engineering courses such as a Certificate II in Engineering Pathways, Diploma in Engineering Technical (Drafting) or Advanced Diploma in Engineering (Mechanical) may provide credit towards a relevant higher-level qualification or university degree, should you wish to pursue further study in this field. Browse courses through Jobs and Skills WA to find a registered provider near you.

Related TAFE courses

Certificate I in Engineering (Entry Level)

Certificate III in Engineering (Technical)

Certificate IV in Engineering

Diploma of Engineering (Specialise in Advanced Trade, Technical or Technical (Drafting))

Certificate II in Engineering Pathways (Entry Level)

Advanced Diploma of Engineering Technology (Specialise in Electrical or Mechanical)

University Courses

Several universities in Western Australia—including Curtin University, Edith Cowan University (ECU), Murdoch University and The University of Western Australia (UWA) — offer courses that provide pathways into this career.

Bachelor of Engineering (Hons) - Biomedical Engineering | The University of Western Australia (UWA)

Bachelor of Engineering (Hons) (other specialisations)| The University of Western Australia

Bachelor of Engineering (Hons) | Curtin University

Bachelor of Engineering (Hons) | Murdoch University

Bachelor of Engineering Technology | Murdoch University

Master of Engineering | Edith Cowan University (ECU)

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Career Spotlight

Maisha Zaman | Research and Development Engineer | ArthroLase

I enjoy being part of Western Australia's health and medical sector, which is at the forefront of innovation in laser technology. Contributing to the development of systems that can meaningfully improve patient outcomes in orthopaedics gives my work a deep sense of purpose and impact.

What is your current role?

I am a Research and Development Engineer at **ArthroLase**, which is a medical technology startup based here in Western Australia. We are developing a robotic laser system designed to precisely shape bone during knee replacement surgery.

My area of expertise is mainly in prototyping, experimentation and progressing our medical device towards commercialisation.

What qualifications helped you reach this position?

I hold a **Bachelor of Philosophy (Hons) in Engineering Science** with a specialisation in **Biomedical Engineering** in 2022 from The University of Western Australia, as well as a certificate in Optical Engineering from the University of California, Irvine - Division of Continuing Education.

How did you begin your journey in the biomedical industry?

My journey into the medical technology sector began through a series of research and engineering placements that introduced me to device development - particularly in medical imaging - and regulatory frameworks.

At the Harry Perkins Institute of Medical Research, I gained extensive research experience with the BRITElab team and completed my Honours thesis.

During my placement at the East Metropolitan Health Service, within the Health Technology Management Unit, I was introduced to ISO 13485 standards and rehabilitation engineering, which deepened my understanding of medical device compliance under the Australian regulatory system. I continued along this path at VeinTech, another medical technology startup, where I contributed to the initial prototyping of a medical ultrasound device. This role provided hands-on experience in quality management systems, experimental validation and device prototyping.

Together, these experiences laid the foundation for my career, showing me how engineering and regulation intersect in real-world medical technology development - ultimately guiding my pathway into the industry.

Biotechnologist

A Biotechnologist uses biology and technology to develop drug products, diagnostics and therapies that advance human health. They study cells, microorganisms, and biological molecules, applying genetic engineering and advanced laboratory techniques, and collaborate with researchers and engineers to create and manufacture innovative treatments such as protein, genetic and cell therapies.

Biotechnologists in this industry work in laboratories and offices across pharmaceutical, biotechnology and medical technology companies, universities, medical research institutions and contract research organisations (CROs).

Education and training

To become a Biotechnologist, you typically need a university degree in science with a major in biotechnology or biomedical science. Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame and The University of Western Australia (UWA) offer courses in this field.

Bachelor of Biological Science and Master of Biotechnology | University of Western Australia (UWA)

Bachelor of Molecular Sciences and Master of Biotechnology | University of Western Australia (UWA)

Master of Biotechnology | University of Western Australia (UWA)

Bachelor of Sciences - Biochemistry | Curtin University

Bachelor of Biomedical Sciences | Curtin University

Bachelor of Biomedical Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science | Murdoch University

Bachelor of Biomedical Science | University of Notre Dame

Bachelor of Biomedical Science | University of Western Australia (UWA)

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Industry Spotlight | Lixa

Lixa — a Perth-based biotechnology startup — has discovered a group of molecular ingredients that can be used across bacterial species, resistance mechanisms and antimicrobial drug classes to combat superbugs or antibiotic-resistant microbes.
Antimicrobial resistance contributes to complex health issues including recurrent infection and is a leading cause of death worldwide. It also causes recalcitrant biofouling and biocorrosion problems in other industries.
Lixa's NeoX™ technology has the potential to mitigate antimicrobial resistance crisis across human health, agribusiness, marine and industrial markets by taming 'untreatable' planktonic and biofilm resistant bacteria, thereby restoring the effectiveness of the existing antibiotic, biocide or disinfectant treatment arsenal.

Biostatistician

Biostatisticians apply statistical methods and data analysis to advance our understanding of human health. They work across medical research, public health and clinical environments to examine health data and provide insights that guide the interpretation of findings. In clinical trials, they determine appropriate sample sizes, randomisation techniques, and statistical models to assess the safety and efficacy of drug products, medical devices or treatments. By collaborating with scientists, healthcare professionals, and policy makers, they ensure that research outcomes are accurate and reliable, ultimately shaping public health strategies, clinical decisions, and population-level improvements. Their responsibilities include using statistical approaches to evaluate health and research data and preparing clear, precise reports that support evidence-based decision-making.

They can work in a variety of settings, including educational institutions, medical research institutes, pharmaceutical, biotechnology and medical technology companies, contract research organisations (CROs) and public health.

Education and training

To become a Biostatistician, the most direct pathways are through postgraduate study in biostatistics, statistics or related disciplines such as public health.

Several Master of Biostatistics courses are available for online study at Australian universities. Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) also provide relevant pathways, such as a Master of Public Health, which can lead to similar career opportunities with further specialised training.

Master of Public Health | Curtin University

Master of Public Health | Edith Cowan University (ECU)

Master of Health and Medical Sciences | The University of Notre Dame Australia

Master of Public Health | The University of Western Australia (UWA)

In addition, the Biostatistics Collaboration of Australia (BCA) delivers an accredited national suite of postgraduate courses in biostatistics, offering a recognised pathway for those seeking specialised training in this field.

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Clinical Research Nurse

Clinical Research Nurses (CRNs) are registered nurses who bridge the gap between patient care and clinical research. They play a hands-on role in supporting participants throughout clinical trials - ensuring comfort, safety and informed participation - while also performing research tasks such as administering the pharmaceutical product at specific time points, collecting samples, monitoring vital signs and maintaining detailed records throughout the process. These nurses assist with scheduling and ensure all procedures follow strict protocols and Good Clinical Practice (GCP) standards. Working collaboratively with investigators, clinical research coordinators and partner organisations, they help ensure studies are carried out effectively and responsibly.

Clinical Research Nurses can work in a variety of settings, including contract research organisations, pharmaceutical, biotechnology and medical technology companies, healthcare environments, medical research institutes and universities.

Education and training

To build a career as a Clinical Research Nurse in Australia, you'll first need to complete a recognised nursing qualification that meets the requirements for professional registration.

University Courses

Several universities in Western Australia—including Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) — offer courses that can lead to becoming a Registered Nurse and roles such as a Clinical Research Nurse or Clinical Trial Manager in the biomedical industry.

Bachelor of Science (Nursing) | Curtin University

Bachelor of Science (Nursing) | Edith Cowan University (ECU)

Bachelor of Nursing | Murdoch University

Bachelor of Nursing | The University of Notre Dame Australia

TAFE WA Course

Diploma of Nursing is a nationally recognised and accredited qualification that may provide credit towards a relevant higher-level qualification or university degree. Browse courses through Jobs and Skills WA and search on the My Skills website to find a registered provider near you.

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Additional training

Good Clinical Practice (GCP) certification is also essential, as it ensures understanding of ethical and regulatory standards in clinical trials.

Back to careers matrix

Career Spotlight:

Chaw Lwin | Senior Research and Infection Prevention and Control Nurse | Linear Clinical Research's Advanced Clinical Trial Centre

What I love most about my role is that I can make a difference to patients by helping bring new treatments to those who need them most. I also enjoy the variety in my role, every day is different, and I get to combine clinical care with research and infection control responsibilities.

What is your current role?

As a Senior Research and Infection Prevention and Control Nurse (ICP) at **Linear**, I coordinate and oversee clinical trials, ensuring all clinic staff follow strict protocols and Good Clinical Practice (GCP). I manage patient care during trial visits, perform assessments and supervise a team of nurses and clinical trial assistants to maintain high standards of safety and data integrity.

I develop and implement infection control policies, conduct audits, monitor compliance, and train staff on best practices for hygiene and aseptic techniques. My role ensures the safety of patients and staff in a highly regulated clinical environment.

What qualifications helped you reach this position?

I hold a Bachelor of Science in Nursing, and during my studies I worked as an Assistant in Nursing. That experience helped me feel more confident, prepared and capable of managing the responsibilities that came with becoming a nurse.

After graduating, I completed a one-year graduate program at Sir Charles Gairdner Hospital (SCGH) and worked for another year. I then gained experience in a GP clinic conducting pre-employment health checks before joining **Linear** seven years ago. I started as a research nurse, was promoted to senior nurse after two years, and later completed an IPC course to specialise in infection prevention and control.

How did you begin your journey in the biomedical industry?

My journey began with a strong interest in patient care and clinical research. After working in hospital and GP settings, I wanted to contribute to advancing medical treatments. Joining **Linear** allowed me to work on cutting-edge clinical trials and make a real difference in patients' lives.

What's your best advice for someone starting out in this industry?

If you love helping others, consider studying nursing. It opens doors to many rewarding career paths, including clinical research, where you can contribute to medical advancements.

Clinical Trials Assistant

Clinical Trials Assistants (CTAs) play a key support role in the smooth operation of clinical research trials. They handle a variety of tasks - from maintaining accurate records and managing trial data to coordinating meetings and preparing study documentation. CTAs may support the wider clinic team to conduct clinical activities and assessments such as taking vital signs and collecting samples or may focus on working with and supporting Clinical Trials Co-ordinators. Whether they have a more clinical or administrative focus, CTAs ensure trials are conducted safely, ethically and in line with research protocols. It's an ideal entry point for students and early-career professionals eager to gain practical experience and grow into more advanced roles within medical research.

CTAs can work in a variety of settings, including contract research organisations, pharmaceutical, biotechnology and medical technology companies, healthcare environments, medical research institutes and universities.

Education and training

CTAs often hold a bachelor's degree in a relevant field such as health sciences, nursing or biotechnology, or can also enter the field through other pathways if they have the required skills.

Several universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) - offer courses that can lead to becoming a CTA.

Bachelor of Science (Nursing) | Curtin University

Bachelor of Science (Nursing) | Edith Cowan University (ECU)

Bachelor of Nursing | Murdoch University

Bachelor of Nursing | The University of Notre Dame Australia

Bachelor of Science - Health Sciences | Curtin University

Bachelor of Health Science | Edith Cowan University (ECU)

Bachelor of Biological Science and Master of Biotechnology | The University of Western Australia (UWA)

Bachelor of Science - Genetics and Biotechnology | Murdoch University

Bachelor of Biomedical Science - Genetics and Biotechnology | Murdoch University

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Clinical Trials Coordinator | Clinical Research Coordinator

Clinical Trials Coordinators (CTCs) (also known as Clinical Research Coordinators or CRCs) play a pivotal role in the successful delivery of clinical trials. They manage the day-to-day operations of research studies, ensuring everything runs smoothly, ethically and in line with regulatory standards. From coordinating participant recruitment and scheduling visits to assisting with assessments and collecting samples, CTCs are central to maintaining the integrity of clinical data and participant care.

They work closely with researchers, healthcare professionals and partner organisations to uphold study protocols, support ethics submissions and maintain accurate documentation.

CTCs can work in a variety of settings including contract research organisations, pharmaceutical, biotechnology and medical technology companies, healthcare environments, medical research institutes and universities.

Education and training

Bachelor's degree in a relevant field such as health sciences, nursing, biomedical science, pharmacology or medical laboratory science is commonly required.

Several universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) - offer courses that can lead to becoming a Clinical Trials Coordinator in the biomedical industry.

Bachelor of Science - Health Sciences | Curtin University

Bachelor of Health Science | Edith Cowan University (ECU)

Bachelor of Science (Nursing) | Curtin University

Bachelor of Science (Nursing) | Edith Cowan University (EDU)

Bachelor of Nursing | Murdoch University

Bachelor of Nursing | The University of Notre Dame Australia

Bachelor of Biomedical Sciences | Curtin University

Bachelor of Biomedical Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science | Murdoch University

Bachelor of Biomedical Science | The University of Western Australia (UWA)

Bachelor of Biomedical Science – Pharmacology | Curtin University

Bachelor of Biomedical Science - Pharmacology | The University of Western Australia (UWA)

Bachelor of Science – Laboratory Medicine | Curtin University

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Additional training

Good Clinical Practice (GCP) certification is essential, as it ensures understanding of ethical and regulatory standards in clinical trials.

Commercialisation Manager | Technology Transfer Manager

Commercialisation Managers (also known as Technology Transfer Managers) bridge the gap between scientific research and commercial applications. They assess emerging technologies for market potential, oversee patenting and intellectual property (IP) protection and negotiate licensing arrangements. By collaborating between academia and industry, they provide strategic guidance and open pathways to business development, funding and investment opportunities.

They can work in a variety of settings, including universities and medical research institutes. In large pharmaceutical, biotechnology and medical technology companies, similar roles exist as Licensing or Partnerships Managers.

Education and training

Most of these roles require a degree and experience in a relevant field such as science or engineering, as well as law or business qualifications and experience.

Several universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) - offer courses that can lead to becoming a Commercialisation Manager in the biomedical sector when combined with a science or engineering qualification.

Bachelor of Laws | Curtin University

Bachelor of Laws | Edith Cowan University

Bachelor of Laws | Murdoch University

Bachelor of Laws | The University of Notre Dame Australia

Juris Doctor | The University of Western Australia (UWA)

Bachelor of Business Administration | Curtin University

Bachelor of Business | The University of Western Australia (UWA)

Bachelor of Business | Murdoch University

Bachelor of Commerce | Curtin University

Bachelor of Commerce | Edith Cowan University (ECU)

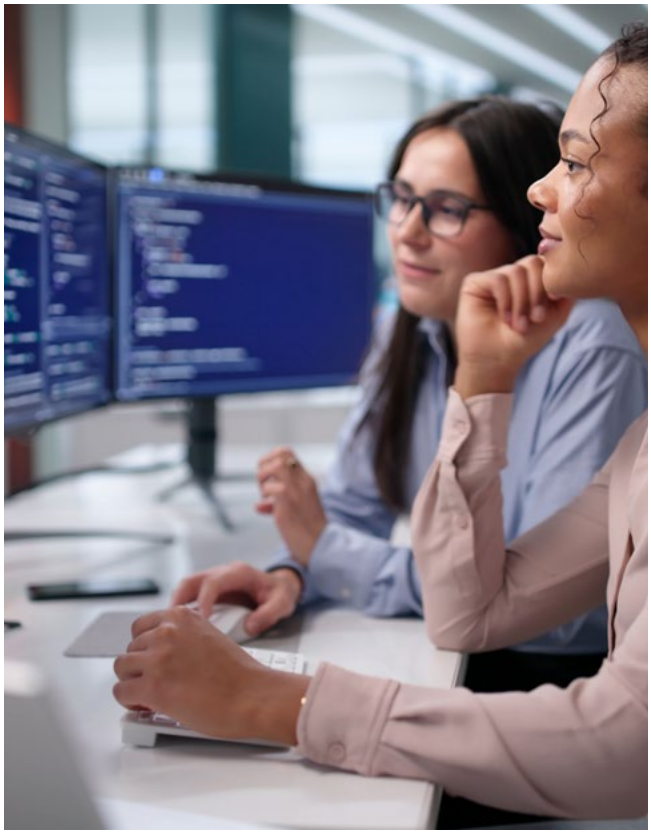
Bachelor of Commerce | Murdoch University

Bachelor of Commerce | The University of Notre Dame

Bachelor of Commerce | The University of Western Australia (UWA)

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix



Data Scientist

A Data Scientist is responsible for designing studies, building predictive models, analysing large and complex data sets, and ensuring that research findings are valid and reliable. They also use advanced analytical techniques with machine learning and artificial intelligence (AI) to assist with predictive analytics and provide further insights that can lead to better patient outcomes and a richer understanding of human health.

Data Scientists can work across pharmaceutical, biotechnology and medical technology companies, contract research organisations (CROs), universities, medical research institutes and hospitals.

Education and training

Several local educational institutions offer accredited programs that can lead to a career as a Data Scientist including:

University Courses

Universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University, and The University of Western Australia (UWA) - offer courses in data science, statistics or a related field that can lead to becoming a Data Scientist.

Bachelor of Science - Data Science | The University of Western Australia (UWA)

Bachelor of Science - Data Science | Curtin University

Bachelor of Data Analytics - Data Science | Murdoch University

Bachelor of Science - Data Science | Edith Cowan University

Bachelor of Mathematics - Statistics | The University of Western Australia (UWA)

In the biomedical sector, additional health courses are also recommended.

TAFE WA Courses

Certificate IV in Information Technology (Data Science and AI) is a common entry point into the field. Browse courses through Jobs and Skills WA and search on the My Skills website to find a registered provider near you.

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Industrial Designer

Industrial Designers develop innovative designs for products and devices that support patient care, clinical practice and medical research. They assess design requirements, conduct thorough research and develop concepts that balance functionality with user needs. Their work involves analysing materials, production methods, costs and emerging technologies to identify the most effective solutions. From there, they build prototypes aimed at safe, efficient and scalable production, ensuring designs meet rigorous quality and regulatory standards.

Industrial Designers in this sector work in medical technology companies and contract development and manufacturing organisations (CDMOs). They use computer-aided design (CAD) software and other advanced two and three-dimensional design programs. To transform these digital concepts into tangible prototypes, they make extensive use of 3D printers and specialised programmable machines, which allow for rapid and precise model-making.

Education and training

To become an Industrial Designer, you typically need a university degree major in design, industrial design or a related area.

University Courses

Universities in Western Australia offering courses in this field include:

Bachelor of Design - Design Innovation and Fabrication | Curtin University

Bachelor of Design | Edith Cowan University (ECU)

Bachelor of Design | The University of Western Australia (UWA)

TAFE WA Course

Certificate III in Design Fundamentals is a common entry point into the field. Browse courses through Jobs and Skills WA and search on the My Skills website to find a registered provider near you.

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Laboratory Technician

A Laboratory Technician assists chemists, scientists and other laboratory professionals by collecting samples and conducting tests on a broad range of substances and recording the results for further analysis. Their responsibilities also include calibrating instruments, maintaining specialised scientific testing equipment, and ensuring all procedures meet safety and quality standards. They also keep detailed records of all tests and experiments.

Laboratory Technicians can work in a variety of settings, including pharmaceutical, biotechnology and medical technology companies, contract research organisations (CROs), educational institutions, medical research institutes and healthcare environments.

Education and training

Several local educational institutions offer accredited programs that can lead to a career as a Laboratory Technician including:

University Courses

Universities in Western Australia — including Curtin University, Edith Cowan University (ECU), Murdoch University and The University of Western Australia (UWA) — offer courses that can lead to becoming a Laboratory Technician.

Bachelor of Science (Laboratory Medicine) | Curtin University

Bachelor of Laboratory Medicine | Murdoch University

Pathology and Laboratory Medicine | The University of Western Australia (UWA)

Bachelor of Biomedical Sciences | Curtin University

Bachelor of Biomedical Science | ECU

Bachelor of Biomedical Science | Murdoch University

Bachelor of Biomedical Science | The University of Western Australia (UWA)

TAFE WA Courses

Certificate III in Laboratory Skills, Certificate IV in Laboratory Techniques and Certificate IV in Laboratory Techniques are common entry points into the field. Browse courses through Jobs and Skills WA and search on the My Skills website to find a registered provider near you. You can also undertake a traineeship in Certificate IV in Laboratory Techniques (Level 4) or Diploma of Laboratory Technology (Level 5). The traineeships usually take 24 to 36 months to complete.

Related TAFE courses

Certificate II in Sampling and Measurement | TAFE WA

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Laboratory Manager

A Laboratory Manager oversees the daily operations of laboratories, ensuring they are safe, efficient and compliant with clinical, quality and regulatory standards. They supervise teams, allocate workloads and manage resources to ensure timely and accurate sample processing. Their responsibilities include implementing quality assurance systems, coordinating audits and maintaining accreditation. Laboratory Managers also provide staff training, support professional development and communicate with healthcare providers, research teams and senior management.

Laboratory Managers can work in a variety of settings, including educational institutions, medical research institutes, pharmaceutical, biotechnology and medical technology companies, contract research organisations (CROs) and healthcare environments.

Education and training

Typically, you need a qualification in laboratory technology to become a Laboratory Manager. You'll also need several years of experience in technical roles or senior medical scientist positions—depending on the sector—before progressing into a management role.

Several local educational institutions offer accredited programs that can lead to a career in this field including:

University Courses

Universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University and The University of Western Australia (UWA) - offer courses that can lead to becoming a Laboratory Manager.

Bachelor of Science (Laboratory Medicine) | Curtin University

Bachelor of Laboratory Medicine | Murdoch University

Pathology and Laboratory Medicine | The University of Western Australia (UWA)

Bachelor of Biomedical Sciences | Curtin University

Bachelor of Biomedical Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science | Murdoch University

Bachelor of Biomedical Science | The University of Western Australia (UWA)

Master of Biomedical Science | The University of Western Australia (UWA)

TAFE WA Courses

Diploma of Laboratory Technology (Level 5) or Advanced Diploma of Laboratory Management (Level 6) are common entry points into the field. Browse courses through Jobs and Skills WA and search on the My Skills website to find a registered provider near you.

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Manufacturing Manager

Manufacturing Managers (also known as Production or Process Managers) in the biomedical sector are responsible for overseeing the safe, efficient and compliant manufacturing of medical products such as pharmaceuticals, cell and gene therapies, vaccines and medical devices. They manage day-to-day production operations, ensuring output meets strict quality and regulatory standards. Their role involves supervising staff, coordinating workflows, monitoring resources and enforcing workplace safety protocols. Production Managers also collaborate with Research and Development, Quality Assurance and Logistics teams to align production with innovation and market demand.

They work in a variety of settings including pharmaceutical, biotechnology and medical technology companies and contract development and manufacturing organisations.

Education and training

There are multiple pathways to becoming a Manufacturing Manager with opportunities often shaped by the specific sub-sector - whether pharmaceuticals or therapeutics, medical technology or related fields.

University Courses

Several universities in Western Australia—including Curtin University, Edith Cowan University (ECU), Murdoch University and The University of Western Australia (UWA) — offer degrees in engineering, science and business that can lead into production management roles.

Bachelor of Engineering (Hons) - Biomedical Engineering | University of Western Australia (UWA)
Bachelor of Engineering (Hons) - Instrumentation Control and Automation | Edith Cowan University
Bachelor of Engineering (Hons) | Curtin University
Bachelor of Engineering (Hons) | Murdoch University
Bachelor of Engineering Technology | Murdoch University
Master of Engineering | Edith Cowan University (ECU)
Bachelor of Commerce - Logistics and Supply Chain Management | Curtin University

TAFE WA Courses

Courses such as a Certificate II in Autonomous Workplace Operations or a Diploma of Applied Technologies may provide credit towards a relevant higher-level qualification or university degree, should you wish to pursue further study in this field.

Related TAFE courses

Diploma of Laboratory Technology (Level 5)

Certificate IV in Autonomous Control and Remote Operations

Certificate IV in Process Plant Technology

Diploma of Process Plant Technology

Certificate II in Process Manufacturing

Certificate III in Process Manufacturing

Certificate IV in Electrical – Instrumentation

Diploma of Electrical and Instrumentation

Diploma of Instrumentation and Control Engineering

Diploma of Electronics and Communications Engineering

Browse courses through Jobs and Skills WA and search on the My Skills website to find a registered provider near you.

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Industry Spotlight

BioCina is a Contract Development and Manufacturing Organisation (CDMO) with operations in Western Australia and South Australia. Its Bentley, WA facility provides end-to-end development and manufacturing of sterile injectable medicines and employs over 200 staff across science, engineering, quality, manufacturing, and corporate roles. BioCina combines advanced manufacturing technology with rigorous quality systems to support patient care locally and globally. The company exports products to more than 90 countries and offers diverse career pathways for people interested in biomedical manufacturing, quality, and technical operations.

Medical Writer

A Medical Writer is responsible for developing clear, well-structured, scientifically accurate documents that convey complex medical information to various audiences. This can range from drafting regulatory documents that meet stringent compliance standards for new drug approvals to creating educational materials for healthcare professionals and patients. This role requires a combination of scientific knowledge and the ability to translate technical jargon into clear and concise language. Medical Writers collaborate with clinicians, researchers and regulatory bodies to verify facts, incorporate up-to-date research findings and adhere to regulatory standards.

They can work in a variety of settings, including pharmaceutical, biotechnology and medical technology companies.

Education and training

A Bachelor's degree in a life science or health-related discipline such as health science, biochemistry or pharmacology is typically required. Additional qualifications in communication, writing or journalism are highly regarded, particularly when combined with strong scientific knowledge.

Several universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) - offer courses that can lead to becoming a Medical Writer.

Bachelor of Science - Health Sciences | Curtin University

Bachelor of Health Science | Edith Cowan University (ECU)

Bachelor of Science – Biochemistry | Curtin University

Bachelor of Science - Biochemistry and Molecular Biology | The University of Western Australia

Bachelor of Biomedical Science – Pharmacology | Curtin University

Bachelor of Biomedical Science - Pharmacology | The University of Western Australia (UWA)

Bachelor of Science – Laboratory Medicine | Curtin University

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Microbiologist

A Microbiologist in the biomedical sector studies microorganisms such as bacteria, viruses and parasites to understand how they cause disease and how they can be controlled. They analyse patient samples to diagnose infections, guide treatment decisions by identifying pathogens and testing their drug resistance and support infection control and public health efforts. Microbiologists also contribute to the development of drug products by providing expertise during formulation, testing and manufacturing, ensuring products are safe and effective for commercialisation. Their work often includes overseeing laboratory processes, maintaining high diagnostic standards and collaborating with clinicians, researchers and pharmaceutical teams to improve patient care and advance medical innovation.

They can work in a variety of settings, including pharmaceutical, biotechnology companies, universities, medical research institutes, contract research organisations (CROs) and healthcare environments.

Education and training

To become a Microbiologist, you usually need to study a university degree in science, majoring in microbiology and immunology or biomedical science. Several universities in Western Australia - Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) - offer courses in this field.

Bachelor of Biomedical Sciences | Curtin University

Bachelor of Biomedical Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science | Murdoch University

Bachelor of Biomedical Science | The University of Notre Dame

Bachelor of Biomedical Science | The University of Western Australia (UWA)

Bachelor of Science - Microbiology and Immunology | The University of Western Australia (UWA)

Bachelor of Philosophy – Microbiology and Immunology | The University of Western Australia (UWA)

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Patent Attorney

Patent Attorneys (also known as Intellectual Property Lawyers) in the biomedical sector provide expert guidance on regulatory compliance and intellectual property matters, including patents and trademark applications. They provide legal support with clinical trials and commercial agreements, while also advising on the protection of confidential information, trade secrets, data security and privacy.

They can work in a variety of settings, including intellectual property law firms and large pharmaceutical, biotechnology and medical technology companies, as well as sometimes within commercialisation teams at universities or medical research institutes.

Education and training

Patent Attorneys in the biomedical sector generally have tertiary qualifications in technical fields such as science, engineering or information technology.

There are several pathways to becoming a Patent Attorney after completing a tertiary qualification in a relevant field. To register as a Patent Attorney in Australia, completing an accredited course of study in intellectual property law or a series of examinations (or exemptions) is required.

Before completing their registration, individuals may work as trainee patent attorneys. Further details can be found in the Requirements for Registering as a Patent or Trade Mark Attorney - IPTA.

Some Patent Attorneys enter the profession with double degrees in law and a technical discipline such as science, engineering or IT. Several universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) – offer law courses that can lead to becoming a Patent Attorney in the biomedical sector.

Bachelor of Laws | Curtin University

Bachelor of Laws | Edith Cowan University

Bachelor of Laws | Murdoch University

Bachelor of Laws | The University of Notre Dame Australia

Juris Doctor | The University of Western Australia (UWA)

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Pharmacist

In the biomedical sector, Pharmacists play a vital role that extends well beyond dispensing medicines. Pharmacists may be involved in designing and evaluating drug products during clinical trials, monitoring for potential interactions or adverse effects and analysing data to refine treatment guidelines. They are also central to quality assurance overseeing rigorous testing to confirm drug purity, stability and compliance with industry standards and regulatory affairs to gain approval for drug products.

Pharmacists in the biomedical industry are primarily employed in research institutions, the pharmaceutical industry and regulatory agencies. Their work is conducted in sterile, controlled environments to prevent contamination and ensure that observed effects are directly attributable to the drug under study.

Education and training

To become a licensed Pharmacist, you usually need to complete a university degree in pharmacy. In Western Australia, Curtin University and The University of Western Australia (UWA) both offer courses in this field.

Bachelor of Human Sciences (Pharmaceutical Health) and Doctor of Pharmacy | The University of Western Australia (UWA)

Bachelor of Pharmacy (Hons) | Curtin University

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Pharmacologist

A Pharmacologist is a scientist who investigates how drugs interact with biological systems to understand their effects and support the development of therapies. Unlike pharmacists, they are less patient-facing and more research-focused, studying how medicines influence cells, tissues and organs. Pharmacologists contribute to drug discovery utilising model systems in laboratories, as well as drug development by evaluating safety and efficacy in clinical studies, monitoring for potential interactions or adverse effects, and analysing data to refine treatment guidelines and improve healthcare outcomes.

Pharmacologists in the biomedical sector usually work in universities, research institutions, pharmaceutical companies, biotechology firms and regulatory agencies.

Education and training

To become a Pharmacologist, you usually need to complete a university degree. In Western Australia, The University of Western Australia (UWA) and Curtin University both offer courses in this field.

Bachelor of Biomedical Science - Pharmacology | The University of Western Australia (UWA)

Bachelor of Biomedical Science – Pharmacology | Curtin University

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Process Control Engineer

A Process Control Engineer in the biomedical sector specialises in creating, planning and executing quality control processes, ensuring that every equipment is working safely and efficiently and in strict compliance with regulatory standards. Their responsibilities revolve around design and optimising automated systems, monitoring and inspecting machinery, coordinating with various cross-functional teams, devising strategies to improve processes and recommending solutions for optimal services.

They work in a variety of settings including pharmaceutical, medical technology companies and contract development and manufacturing organisations.

Education and training

Bachelor's degree in a relevant field such as chemical engineering, pharmaceutical engineering or bioengineering is typically required. Employers may also consider candidates with degrees in other engineering disciplines, provided they have relevant experience.

University Courses

Several universities in Western Australia—including Curtin University, Edith Cowan University (ECU), Murdoch University and The University of Western Australia (UWA) — offer courses that provide pathways into this career.

Bachelor of Engineering (Hons) | Curtin University

Bachelor of Engineering (Hons) – Mechatronic Engineering | Curtin University

Bachelor of Commerce (Hons) - Chemical Engineering | Curtin University

Bachelor of Engineering (Hons) – Mechanical | Edith Cowan University (ECU)

Bachelor of Technology - Engineering | Edith Cowan University

Bachelor of Engineering (Hons) - Instrumentation Control and Automation | Edith Cowan University

Bachelor of Engineering (Hons) | Murdoch University

Bachelor of Engineering Technology | Murdoch University

Bachelor of Engineering (Hons) | The University of Western Australia (UWA)

Bachelor of Engineering (Hons) – Automation and Robotics | The University of Western Australia (UWA)

Bachelor of Engineering (Hons) - Biomedical Engineering | The University of Western Australia (UWA)

Bachelor of Engineering (Hons) – Chemical Engineering | The University of Western Australia (UWA)

Master of Engineering | Edith Cowan University (ECU)

TAFE WA Courses

Engineering courses such as a Certificate II in Engineering Pathways, Diploma in Engineering Technical (Drafting) or Advanced Diploma in Engineering (Mechanical) may provide credit towards a relevant higher-level qualification or university degree, should you wish to pursue further study in this field.

Related TAFE courses

Certificate I in Engineering (Entry Level)

Certificate III in Engineering (Technical)

Certificate IV in Engineering
Diploma of Engineering (Specialise in Advanced Trade, Technical or Technical (Drafting))

Certificate II in Engineering Pathways (Entry Level)

Advanced Diploma of Engineering Technology (Specialise in Electrical or Mechanical)

Browse courses through Jobs and Skills WA and search on the My Skills website to find a registered provider near you.

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Additional training

An understanding of Good Manufacturing Practice (GMP) requirements for the manufacture of therapeutics, or ISO13485 requirements for manufacture of medical devices is essential, as these are mandatory regulatory standards for the manufacture of biomedical products in Australia. Training programs offered by organisations such as Seer Pharma and the Centre for Biopharmaceutical Excellence can help participants build the knowledge and practical familiarity needed to meet these standards.

Production Assistant

A Production Assistant or Technician in the biomedical sector supports the manufacturing of pharmaceuticals, biotechnology and medical technology products. They prepare materials, operate equipment, monitor the production process, maintain accurate records and comply with safety and regulatory standards.

They work in a variety of settings including pharmaceutical, medical technology companies and contract development and manufacturing organisations.

Education and training

In the pharmaceuticals and therapeutics subsector, entry-level roles such as Production Assistant or Technician typically require a qualification in medical or laboratory science.

In the medical technology subsector, entry-level positions like Production Assistant or Technician commonly require an engineering qualification, which may be obtained at the certificate, diploma or degree level.

TAFE WA Courses

For pharmaceuticals and therapeutics manufacturing, a Certificate III in Pathology Collection, Certificate III Sterilisation Services, Certificate IV in Laboratory Techniques at TAFE WA are common entry point pathways as they provide the practical skills, regulatory knowledge and technical training needed to succeed in this field.

For medical technology manufacturing, engineering courses such as a Certificate II in Engineering Pathways, Diploma in Engineering Technical (Drafting) or Advanced Diploma in Engineering (Mechanical) may provide credit towards a relevant higher-level qualification or university degree, should you wish to pursue further study in this field.

Related TAFE courses

Certificate I in Engineering (Entry Level)

Certificate III in Engineering (Technical)

Certificate IV in Engineering
Diploma of Engineering (Specialise in Advanced Trade, Technical or Technical (Drafting))

Certificate II in Engineering Pathways (Entry Level)
Advanced Diploma of Engineering Technology (Specialise in Electrical or Mechanical)

Browse courses through Jobs and Skills WA and search on the My Skills website to find a registered provider near you.

University Courses

Several universities in Western Australia—including Curtin University, Edith Cowan University (ECU), Murdoch University and The University of Western Australia (UWA) — offer courses that provide pathways into medtech manufacturing roles.

Bachelor of Engineering (Hons) | Curtin University

Bachelor of Engineering (Hons) – Mechatronic Engineering | Curtin University

Bachelor of Commerce (Hons) - Chemical Engineering | Curtin University

Bachelor of Engineering (Hons) – Mechanical | Edith Cowan University (ECU)

Bachelor of Technology - Engineering | Edith Cowan University

Bachelor of Engineering (Hons) - Instrumentation Control and Automation | Edith Cowan University (ECU)

Bachelor of Engineering (Hons) | Murdoch University

Bachelor of Engineering Technology | Murdoch University

Bachelor of Engineering (Hons) | The University of Western Australia (UWA)

Bachelor of Engineering (Hons) – Automation and Robotics | The University of Western Australia (UWA)

Bachelor of Engineering (Hons) - Biomedical Engineering | The University of Western Australia (UWA)

Bachelor of Engineering (Hons) – Chemical Engineering | The University of Western Australia (UWA)

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Additional training

An understanding of Good Manufacturing Practice (GMP) requirements for the manufacture of therapeutics, or ISO13485 requirements for manufacture of medical devices is essential, as these are mandatory regulatory standards for the manufacture of biomedical products in Australia. Training programs offered by organisations such as Seer Pharma and the Centre for Pharmaceutical Excellence can help participants build the knowledge and practical familiarity needed to meet these standards.

Back to careers matrix

Career Spotlight

Lavayna Chitroju | Compounding Assistant | Baxter

Western Australia offers advanced medical treatments and equipment, supported by strong research infrastructure. There are great opportunities to explore diverse career paths in this industry.

What is your current role?

I currently work as a Compounding Assistant at **Baxter** – an advanced pharmaceutical compounding centre in Perth which manufactures and supplies lifesaving medicines, including cancer treatments. My daily responsibilities include selecting raw materials according to pick sheets, ensuring they match correctly and sending them to the prepping room via the raw materials hatch. In the prepping stage, I treat the materials with hydrogen peroxide and cross-check their quantity, expiry dates and batch numbers. Once prepping is complete, I send the tubs to the cleanroom hatch based on job priority.

I also manage job prioritisation according to dispatch times. After products return from the cleanroom, I label them, send them to the releaser, seal the final products and hand them over to the dispatch team.

What qualifications helped you reach this position?

I completed a qualification in **Business and Medical Administration** at South Metropolitan TAFE.

How did you begin your journey in the sector?

I've always been motivated by a desire to help others and have a strong interest in the medical sector. After finishing my studies, I began applying for roles and came across a vacancy at Baxter, applied for the position of Compounding Assistant, and was successful.

How would you describe yourself?

I would describe myself as flexible, honest and a strong team player. I'm also someone who takes initiative - an implementer who creates action plans, delegates tasks and ensures things are completed efficiently.

What do you love most about your job?

I enjoy learning new medical terminology and understanding the importance of handling medications correctly. I also appreciate the task rotation every three hours, which keeps the work dynamic and engaging.

Quality Assurance Officer - Clinical Trials

A Quality Assurance Officer for clinical trials plays a critical role in ensuring that health and medical products and services consistently meet rigorous quality and regulatory standards. Their responsibilities include monitoring the conduct of clinical trials and studies to safeguard the integrity and ethical collection of data, collaborating with cross functional teams and reviewing documentation to ensure compliance. They also train and educate staff on study protocols and documentation requirements, conduct internal audits and prepare regulatory submissions. This role also contributes to the maintenance and continuous improvement of the clinical trials provider's Quality Management System.

They can work in a variety of settings, including pharmaceutical, biotechnology and medical technology companies, contract research organisations (CROs), universities, medical research institutes, and healthcare environments.

Education and training

A Bachelor's degree in science, biotechnology, pharmacy, engineering, or a closely related discipline is generally required for this occupation, as well as thorough knowledge of government biomedical regulations, which is generally acquired through career experience.

Several universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) - offer courses that can provide a pathway to becoming a Quality Assurance Officer for clinical trials.

Bachelor of Biomedical Sciences | Curtin University

Bachelor of Biomedical Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science | Murdoch University

Bachelor of Biomedical Science – Genetics and Biotechnology | Murdoch University

Bachelor of Biomedical Science | The University of Notre Dame Australia

Bachelor of Biomedical Science | The University of Western Australia (UWA)

Bachelor of Science - Health Sciences | Curtin University

Bachelor of Health Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science – Pharmacology | Curtin University

Bachelor of Biomedical Science - Pharmacology | The University of Western Australia (UWA)

Bachelor of Science – Laboratory Medicine | Curtin University

Bachelor of Engineering (Hons) - Biomedical Engineering | University of Western Australia (UWA)

Bachelor of Engineering (Hons) | Curtin University

Bachelor of Engineering (Hons) | Murdoch University

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Career Spotlight

Lori Higgins | Quality Assurance Facilitator | OncoRes Medical

What I enjoy most about working in the local biomedical sector is the sense of being part of something that's actively evolving. It's a growing industry, which means there's real opportunity to contribute to meaningful change and help shape its future. I've met incredible people along the way and gained exposure to a wide network across the sector. The close-knit community makes collaboration easy and rewarding, and it's exciting to be part of such a dynamic and forward-thinking environment.

What is your current role?

I'm a Quality Assurance Facilitator and Grants Officer at OncoRes Medical—a Perth-based medical device company that has developed a handheld, real-time intraoperative imaging device that helps surgeons distinguish between healthy and cancerous tissue during breast cancer surgery. This innovation has the potential to significantly improve patient outcomes and reduce the need for repeat operations.

In my role, I ensure that processes and documentation meet regulatory, safety and performance standards as OncoRes Medical advances toward commercialising its device for domestic and international markets. I also support grant management, including reporting requirements and collaborate with the Commercial team to secure and manage funding opportunities.

What qualifications helped you reach this position?

I graduated in 2020 from Technological University Dublin with a Bachelor of Science in DNA and Forensic Analysis. This four-year program provided me with hands-on experience and analytical expertise across pharmaceutical, biological, chemical and forensic laboratory settings. It also provided a solid grounding in good manufacturing practices, which has been instrumental in my current role.

How did you begin your journey in the biomedical sector?

My journey into the biomedical industry began with a genuine love for science. Subjects like biology and higher-level maths were always my favourites at school—I was drawn to their structure and the methodical way they help explain the world.

After completing my Bachelor of Science, I began my career at a small pharmaceutical company, where I was the Quality Officer overseeing the production of over-the-counter medications, including Paracetamol and Aspirin-based products. This hands-on experience laid the foundation for my next role at AstraZeneca, where I joined the rare diseases unit as a Quality Assurance Specialist.

After relocating to Australia for a lifestyle change, I reached out to OncoRes Medical — a company I admired — to explore potential career opportunities.

Quality Control Assistant – Biomedical Manufacturing

A Quality Control Assistant in the biomedical sector plays a vital role in maintaining the integrity of pharmaceuticals, biotechnology products and medical technology devices. Working closely with cross functional teams, they support testing and inspection processes to identify defects in raw materials, samples and finished goods. Their responsibilities include preparing and recording data, maintaining proper documentation for compliance purposes and ensuring that all outputs meet stringent safety and regulatory requirements.

They work in a variety of settings including pharmaceutical, medical technology companies and contract development and manufacturing organisations.

Education and training

Entry-level roles such as a Quality Control Assistant typically require a certificate or diploma in laboratory science, medical science or related field, along with practical skills in laboratory techniques, data recording and compliance. Some employers may also accept candidates with relevant experience and training in other scientific or technical disciplines.

Certificate IV in Laboratory Techniques and Diploma of Laboratory Technology (Level 5) at TAFE WA are common entry points in this field.

Browse courses through Jobs and Skills WA and search on the My Skills website to find a registered provider near you.

Additional training

An understanding of Good Manufacturing Practice (GMP) requirements for the manufacture of therapeutics, or ISO13485 requirements for manufacture of medical devices is essential, as these are mandatory regulatory standards for the manufacture of biomedical products in Australia. Training programs offered by organisations such as Seer Pharma and the Centre for Biopharmaceutical Excellence can help participants build the knowledge and practical familiarity needed to meet these standards.

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Quality Control Specialist - Biomedical Manufacturing

A Quality Control Specialist in biomedical manufacturing ensures that health-related products meet established standards of safety, reliability, and compliance. They analyse samples from different parts of the production process, conduct inspections, laboratory tests and audits, identify defects and work with cross-functional teams to correct issues so that final outputs meet high quality standards and regulatory requirements.

They can work in a variety of settings, including pharmaceutical, biotechnology and medical technology companies, contract research organisations (CROs), and in some cases universities, medical research institutes, and healthcare environments.

Education and training

A Bachelor's degree in science, biotechnology, pharmacy, engineering, or a closely related discipline is generally required for this occupation.

Several universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) - offer courses that can provide a pathway to becoming a Quality Control Specialist.

Bachelor of Biomedical Sciences | Curtin University

Bachelor of Biomedical Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science | Murdoch University

Bachelor of Biomedical Science – Genetics and Biotechnology | Murdoch University

Bachelor of Biomedical Science | The University of Notre Dame Australia

Bachelor of Biomedical Science | The University of Western Australia (UWA)

Bachelor of Science - Health Sciences | Curtin University

Bachelor of Health Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science – Pharmacology | Curtin University

Bachelor of Biomedical Science - Pharmacology | The University of Western Australia (UWA)

Bachelor of Science – Laboratory Medicine | Curtin University

Bachelor of Engineering (Hons) - Biomedical Engineering | University of Western Australia (UWA)

Bachelor of Engineering (Hons) | Curtin University

Bachelor of Engineering (Hons) | Murdoch University

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Regulatory Affairs Specialist

A Regulatory Affairs Specialist plays a vital role in ensuring that health and medical products meet stringent safety, quality and compliance standards. They collaborate with cross-functional teams such as product development manufacturing, prepare and manage documentation for submission to regulatory authorities, and maintain up-to-date knowledge of evolving local and global legislation and industry standards. In addition, they provide regulatory guidance throughout both pre-market and post-market stages to support successful product approval and ongoing compliance.

They can work in a variety of settings, including pharmaceutical, biotechnology and medical technology companies, contract research organisations (CROs) and contract development and manufacturing organisations (CDMOs), as well as at Australia's Therapeutic Goods Administration, the national regulatory authority for health and medical products.

Education and training

A Bachelor's degree in a relevant biomedical field such as science, pharmacy or biomedical engineering is usually required. Additional qualifications in law, business or commerce are highly regarded, particularly when combined with strong scientific knowledge.

Several universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University and The University of Western Australia (UWA) - offer courses that can lead to becoming a Regulatory Affairs Specialist.

Bachelor of Science - Health Sciences | Curtin University

Bachelor of Health Science | Edith Cowan University (ECU)

Bachelor of Engineering (Hons) - Biomedical Engineering | The University of Western Australia (UWA)

Bachelor of Biomedical Science – Pharmacology | Curtin University

Bachelor of Biomedical Science - Pharmacology | The University of Western Australia (UWA)

Bachelor of Science – Laboratory Medicine | Curtin University

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Research Scientist

A Research Scientist investigates human diseases, develops new methods for diagnosis, prevention and treatment, and contributes to innovations that improve patient care. Their work involves designing and conducting experiments, analysing data, and translating scientific discoveries into practical medical applications. They may help develop new medicines, vaccines, medical devices, and diagnostic tools, and they collaborate with clinicians, laboratory teams, and other scientists to ensure research findings can be safely and effectively applied in realworld healthcare settings.

Education and training

Most Research Scientists begin with a bachelor's degree in a relevant health or life sciences discipline - such as biomedical science, biotechnology, microbiology, pharmacology or public health - as their foundation, followed by additional postgraduate study, almost always through to PhD level, to develop specialised expertise.

Several universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) - offer courses that can provide a pathway to becoming a Research Scientist.

Bachelor of Biomedical Sciences | Curtin University

Bachelor of Biomedical Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science | Murdoch University

Bachelor of Biomedical Science – Genetics and Biotechnology | Murdoch University

Bachelor of Biomedical Science | The University of Notre Dame Australia

Bachelor of Biomedical Science | The University of Western Australia (UWA)

Bachelor of Science - Health Sciences | Curtin University

Bachelor of Health Science | Edith Cowan University (ECU)

Bachelor of Biomedical Science – Pharmacology | Curtin University

Bachelor of Biomedical Science - Pharmacology | The University of Western Australia (UWA)

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix

Software Engineer

Software Engineers in the biomedical sector design, build and maintain software and Apps that diagnose, manage or treat health conditions. They may also build software that integrates with a physical medical device, or software that supports data driven projects such as clinical trials and medical research. They apply engineering design and management principles to create secure applications and data platforms that meet user needs. Daily responsibilities include developing software specifications, writing and testing code, diagnosing and correcting faults. They also manage teams to deliver systems aligned with technical specifications, while preparing and maintaining detailed documentation ensuring reliability and compliance with industry regulatory standards.

Software Engineers can work across medical technology and digital health companies, and medtech / digital health contract development and manufacturing organisations (CDMOs).

Education and training

To become a Software Engineer, a degree or diploma in software engineering, computer science, information technology, or a closely related field is typically required.

University Courses

Several universities in Western Australia - including Curtin University, Edith Cowan University (ECU), Murdoch University, The University of Notre Dame Australia and The University of Western Australia (UWA) - offer courses that can lead to becoming a Software Engineer.

Bachelor of Computing – Software Engineering | Curtin University

Bachelor of Engineering (Hons) - Software Systems Engineering | Curtin University

Bachelor of Computer Science - Software Engineering| Edith Cowan University (ECU)

Bachelor of Information Technology – Computer Science | Murdoch University

Bachelor of Computer Science | The University of Notre Dame Australia

Bachelor of Engineering (Hons) – Software Engineering | The University of Western Australia (UWA)

TAFE WA Courses

Courses such as a Certificate IV in Information Technology (Programming) or a Diploma of Information Technology may provide credit towards a relevant higher-level qualification or university degree, should you wish to pursue further study in this field. Browse courses through Jobs and Skills WA and search on the My Skills website to find a registered provider near you.

Related TAFE WA courses

Diploma of Information Technology (Advanced Programming)

Diploma of Information Technology (Advanced Networking)

Diploma of Information Technology (Back End Web Development)

Diploma of Information Technology (Front End Web Development)

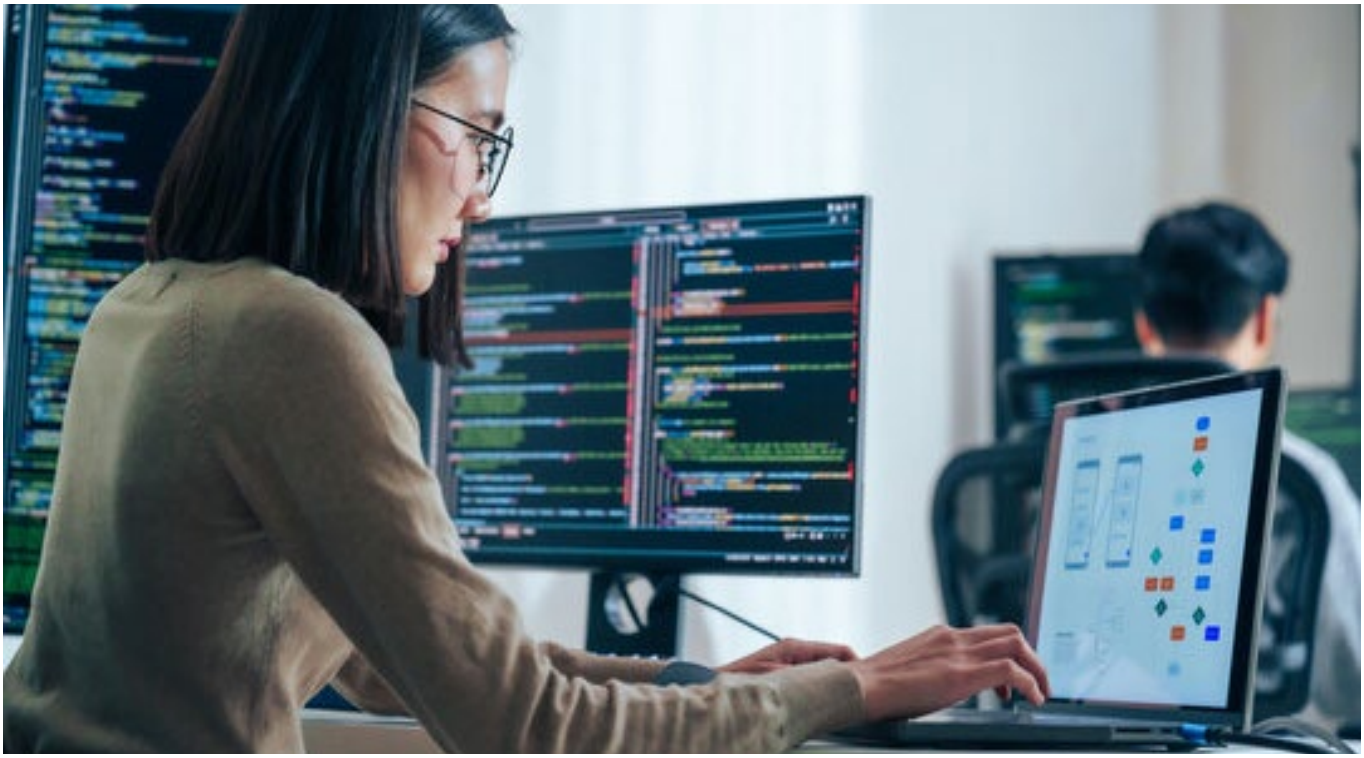
Diploma of Information Technology (Games and Intelligent Systems)

Diploma of Information Technology (Cyber Security and Networking)

Diploma of Information Technology (Cyber Security and AI)

This list is intended as a general reference, as job titles and qualification requirements can differ across organisations. For details on course structure, entry requirements and application deadlines, please contact the educational institutions directly.

Back to careers matrix



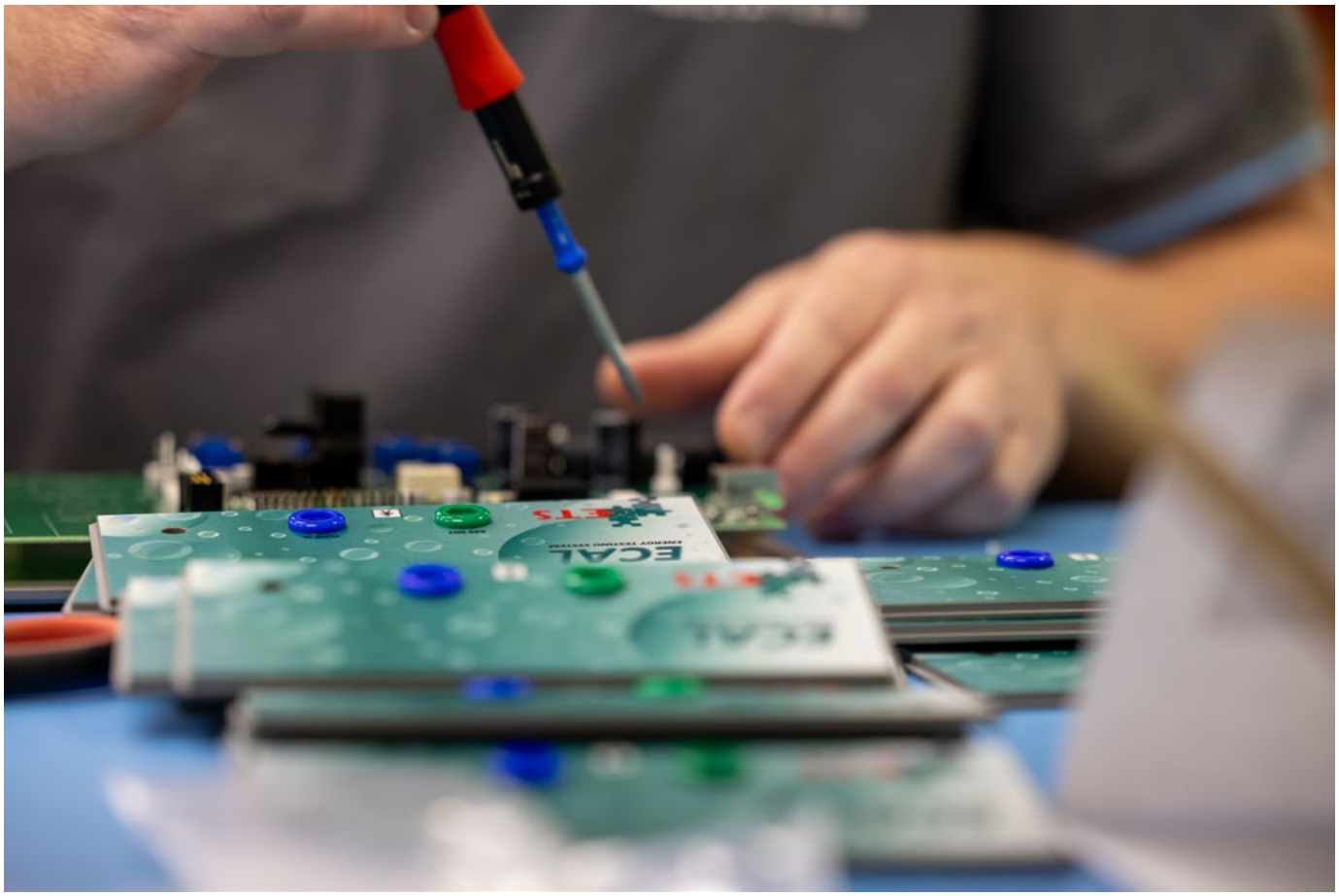
Career change and transferable skills

If you're looking for a career change into the biomedical sector, or perhaps you've been out of the workforce for some time or have limited experience, your transferable skills are a great asset.

Transferable skills are skills you've collected from your previous work history and/or life experience, which can be used across different job roles and industries. Key transferable skills you have may include communication, teamwork, problem solving, organisation, time management and people skills.

You may also have transferable technical skills — for example, if you have worked in data analysis in a business setting your technical skills could transfer to analysing research data in a scientific or medical setting. Or you may have experience working with equipment or technology that's similar to what's used in the sector.

Employers highly value transferable skills, as they provide a strong foundation for building your technical skills and knowledge. While specialised or technical roles in the sector may require additional training, your transferable skills remain relevant and valuable — they act as a bridge between past experience and future opportunities, making career transitions smoother.



Career Spotlights

Talk2View cofounders Andy Huynh and Kat Dunn drew on their strong transferable skills to build their startup, Talk2View — an AI-powered medical imaging platform that enables clinicians, medical practitioners, and researchers to explore and analyse 3D medical images and scans using simple commands and it's already making a real-world impact.

Andy Huynh | Co-founder and CEO | Talk2View

Western Australia's medical technology scene is growing rapidly. There's incredible local talent and strong support for innovation — it feels like we're part of something that's just beginning to bloom.

What is your current role?

I'm the Co-Founder, Director and Chief Executive Officer / Chief Technology Officer of Perth-based startup, Talk2View. I lead the company's direction, technology vision and product development — making medical imaging software more intuitive and accessible.

How did you begin your journey in the sector?

My journey in this sector started through academic research, where I developed software combining medical imaging and computational methods to improve patient outcomes — particularly in surgery planning and image analysis.

In early 2025, after a major artificial intelligence (AI) advancement related to agentic AI, I saw a real opportunity of applying it into the medical imaging space. I pulled an all-nighter to build an early minimal viable product (MVP) and shared it with my colleague (now co-founder) and our lab. The response was overwhelmingly positive, and that's how Talk2View began.

What transferable skills and experience helped you reach this position?

I have a background in mechanical and biomedical engineering and am completing a PhD in medical imaging and scientific computing at The University of Western Australia.

How would you describe yourself?

Curious and driven to solve meaningful problems that make a real-world impact.

What do you love most about your current role?

Engaging directly with customers, learning from their feedback and using it to improve our product and guide the company's direction.

Kat Dunn | Co-founder | Talk2View

What I love about my current role is pretty much everything. The timing of our opportunity means we're not facing the resistance we might have encountered if we'd arrived too early, which makes the challenges feel fun and solvable; I get to work with a brilliant, emotionally intelligent team who adapt to rapid change and improvise under pressure; and the variety of problems we tackle — and how dynamic each day is — feels more exhilarating than overwhelming (for now).

What is your current role?

Co-founder of Talk2View - the medical viewer you can talk to. My specific roles inside that title are Director & Company Secretary (board governance) and Chief Operating & Commercialisation Officer (executive) responsible for sales strategy and delivery, getting regulatory approvals, securing IP protections, legal, risk and compliance including cybersecurity, AI ethics and software development controls, people and culture strategy, sustainability strategy and digital human rights (privacy, data security and sovereignty).

What qualifications helped you reach this position?

Bachelor of Laws and Commerce (Management). My background in law, finance, regulatory advocacy, human rights, startups, cultural change, continuous improvement / lean-agile methodologies and mergers and acquisitions enable me to bring a unique combination of perspectives to a medical technology-AI startup. Talk2View leverages me instead of hiring five different people to get the same subject matter coverage. I'm like a Swiss Army knife for startups.

How did you begin your journey in the sector?

It was a happy accident. Ben and Andy who are Biomedical Engineers are the technical visionaries and experts. They needed a business and strategy lens to round out the team. I was introduced to Andy by Ben and was asked to witness his pitch as had experience with mergers and acquisitions. I was skeptical at first because I have seen so many startups with lofty goals fizzle out. Once I met Andy and he took me through Talk2View, I knew it was different due to the clarity of problem-solution-founder-fit and I decided to come on board as a co-founder. My background as CEO of Grameen Australia supports a move into the software as a medical device industry, as both missions involve democratising health and education so ordinary people can have more control over their quality of life.

What do you enjoy most about working in the biomedical industry in Western Australia?

How collaborative everyone is and the willingness to lean into cutting-edge solutions.

Western Australia Government support

The WA Government is actively investing in the future of the biomedical industry through bold, forward-looking strategies. The Health and Medical Life Sciences Industry Strategy focuses on driving industry growth and innovation. It leverages Western Australia's internationally recognised expertise to drive the commercialisation of practical solutions to complex health challenges.

Complementing this, the Health and Medical Research Strategy 2023—2033 provides a clear 10-year roadmap to strengthen the State's research ecosystem — expanding the workforce, fostering collaboration, attracting investment and translating discoveries into improved health outcomes.

Further investment is delivered through the Future Health Research and Innovation Fund (FHRI Fund) dedicated to advancing health research and innovation in Western Australia, underpinned by a $1.8 billion sovereign wealth fund.

To keep up-to-date with Western Australian Government strategies, initiatives, programs and investments in the biomedical sector, visit wa.gov.au/organisation/department-of-energy-and-economic-diversification/health-and-medical-life-sciences-industry.

Copyright

© Government of Western Australia, July 2026

Published by the Department of Energy and Economic Diversification.

This work is copyright. Material may be downloaded, displayed, printed and reproduced, whole or part of this work, in unaltered form only (retaining this notice) for personal, non-commercial or commercial use. Apart from use permitted under the *Copyright Act 1968*, all other rights are reserved. The State of Western Australia is acknowledged as the source of the legislative material included in this document. Requests and enquiries concerning reproduction and rights are to be sent to: deed@deed.wa.gov.au

Disclaimer

This document does not constitute an exhaustive list of all approvals that may be required under State and Federal legislation to facilitate a project's development, and should not be a substitute for early consultation with government to receive project-specific approvals advice.

Any representation, statement, opinion or advice is expressed or implied in good faith and on the basis that the Western Australian Department of Energy and Economic Diversification, and its employees, are not liable for any damage or loss whatsoever which can occur as a result of action taken or not taken, as the case may be in respect of any representation, statement, opinion or advice referred to herein. Professional advice should be obtained before applying the information contained in this document to particular circumstances.

Statement of Accessibility

This document is available in alternative formats on request for persons with accessibility requirements, please contact the Department of Energy and Economic Diversification.

Department of
Energy and Economic Diversification

Department of Energy and Economic Diversification

Level 11, 1 William Street
Perth, Western Australia

Tel: +61 8 6277 3000
deed@deed.wa.gov.au

wa.gov.au/deed