



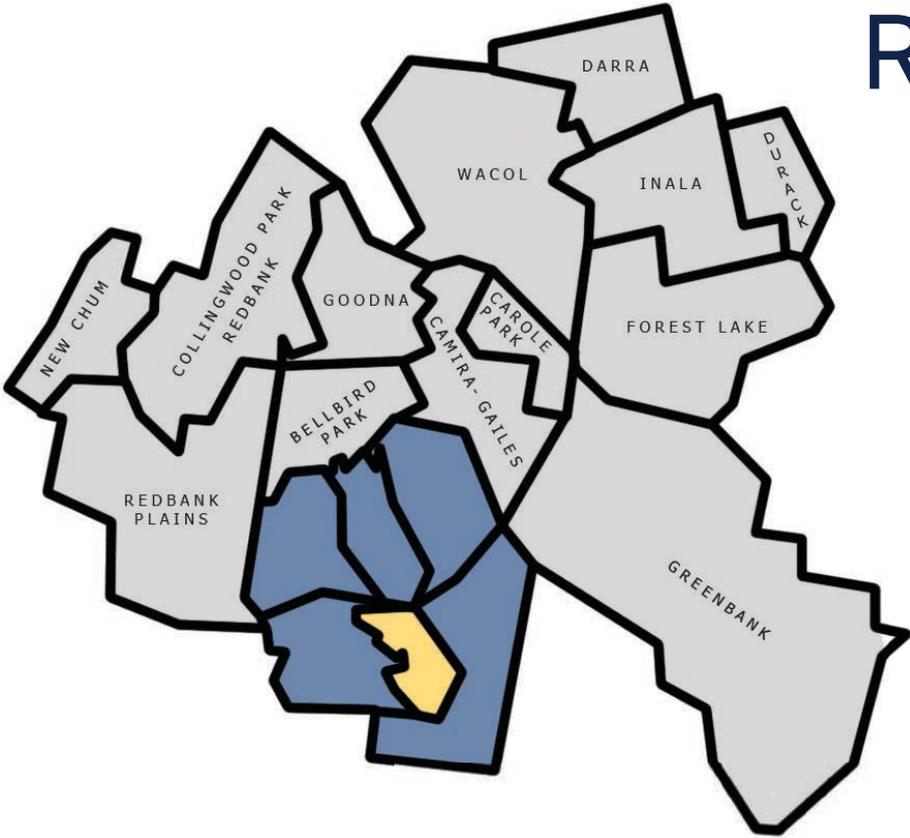
**SELLING
THE DREAM
THROUGH
EDUCATION.**

SPRINGFIELD SKILLS ALLIANCE REPORT

FEBRUARY 2020



REGIONAL MAP



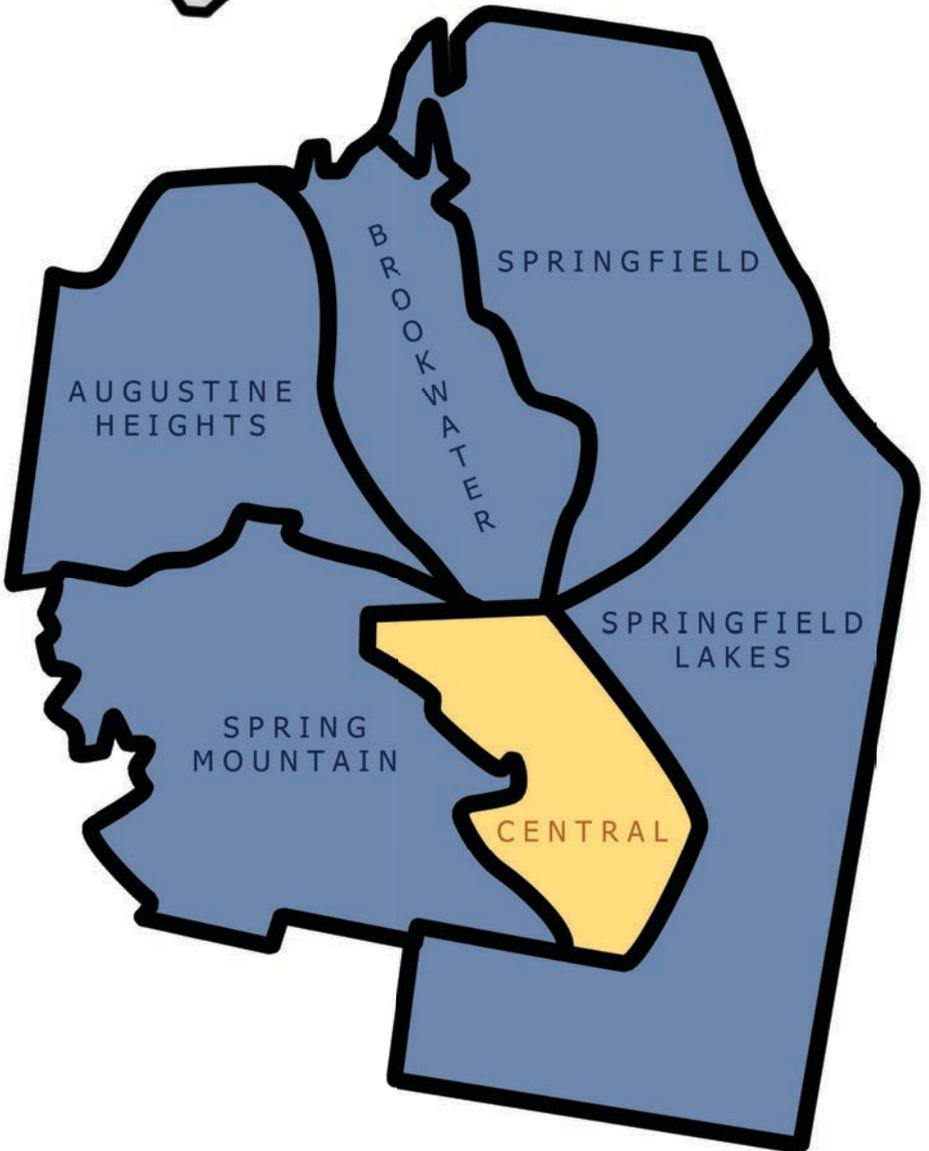
Greater Springfield

The Springfield Skills Alliance report encompasses Greater Springfield and its six suburbs; Augustine Heights, Brookwater, Spring Mountain, Springfield, Springfield Central and Springfield Lakes.

Greater Springfield population is flourishing, representing 42,982 persons with 31.4% of those being born overseas. Median age is 30.

Youth education takes key priority in Greater Springfield to direct future generations to prosperity, with the region boasting 11 schools and 17 Early childhood education and care centres.

With attention to education generally yielding lower unemployment rates, Greater Springfield area proudly represents an unemployment rate of 3.5%. (43.54% lower than the state average).



INTRODUCTION

A Springfield Skills Alliance Board has been formed to provide strategic and operational leadership, as well as insight into a place-based approach to skills investment.

The Springfield Skills Alliance Board was established early 2018 to ensure that stakeholders are kept informed of the progress at regular intervals, with the Chief Executive Officer of Regional Development Australia Ipswich & West Moreton Inc being nominated as Chair.

Objectives:

- Enhance training and skills investment by better integrating macro and micro strategies to skill community members, boost employment and increase economic productivity.
- Ensure training resources are aligned with the future skilling and employment needs of Springfield and the surrounding region.
- Identify and document the skills requirements for Springfield in consultation with businesses and broader community.
- Develop pathways to training and skills development connected to work experience, entrepreneurial opportunity and job outcomes in Springfield.
- Secure a good range of high quality education and training provision.
- Undertake assessments of the Springfield labour market and emerging skills requirements to create an innovative and entrepreneurial, self-sustaining economy.
- Represent Springfield and champion its skills requirements at appropriate forums.
- Raise the profile and perception of Springfield and the opportunities through the emerging initiatives of the Alliance and its communities, with key representation to the State Government and investors.
- Develop effective working relationships with State representatives for Employment and Skills development, relevant Government departments and agencies in Ipswich and Queensland and significant private sector businesses and investors.

RDA Ipswich & West Moreton, Springfield City Group, Greater Springfield Chamber of Commerce, Multicultural Development Australia and TAFE Queensland South West are combining their skills and energy collaboratively to provide strategic and operational leadership in establishing this initiative.

Industry consultations:

- Health
- Education
- Small Business
- Innovation and Information Technology
- Finance and Retail



INFORMATION ABOUT SPRINGFIELD

Springfield is an already thriving and developing area represented by six suburbs – Augustine Heights, Brookwater, Spring Mountain, Springfield, Springfield Central and Springfield Lakes with a population of 42,982 residents.

It is noticeable that Springfield is quickly becoming a viable alternative to Brisbane Central Business District (CBD), with Springfield CBD being 390 hectares in size (twice the land area of Brisbane CBD). The estimated cost upon completion of the developments in Springfield is expected to be \$85bn and attract a projected population of 115,000 residents by 2036.

Transport and workforce commute time has been held in mind as a high regard, with the construction of two train stations located in Springfield Central and Springfield having opened in December 2013 for reliable public transportation methods. It is possible to access 86% of Brisbane’s metropolitan workforce in roughly a 30 minute drive under good traffic conditions and is a near 40 minute rail trip to Brisbane Central. Springfield is located closer to Brisbane CBD than North Lakes, Redcliffe, Victoria Point and Kholo.

Springfield is a generally young, vibrant, family based environment with the average age of residents being 30 with children. To accommodate for this strong demographic, family and community activities are abundant in Springfield for people of all ages, boasting the recently constructed Orion Swimming Lagoon, Robelle Domain, Martial Art Gyms, Brookwater Golf and Country Club, and Event Cinemas at the time of the writing of this report.

Although the majority of Springfield residents are relatively young in age, there are still activity facilities for the older generations and recreational living facilities such as the Aveo Group senior living units integrated with allied health facilities which is currently comprised of 2,500 units. Access to health and wellness facilities has never been easier with the construction of Mater Private Hospital, also located in Springfield.

The Central Business District of Springfield is now home to many major retail outlets due to the Orion Springfield Central Expansion including Coles, Target, Event Cinemas and numerous specialty retailers. The CBD will continue to grow to accommodate all age demographics, ethnicities and nationalities in a fun-loving, multi-cultural environment with approval for over 2,600,000 square metres (260 ha) of mixed use space and 22,850 apartments. This is seen as a highly significant development, as the total land area of Greater Springfield is 2,860 hectares.



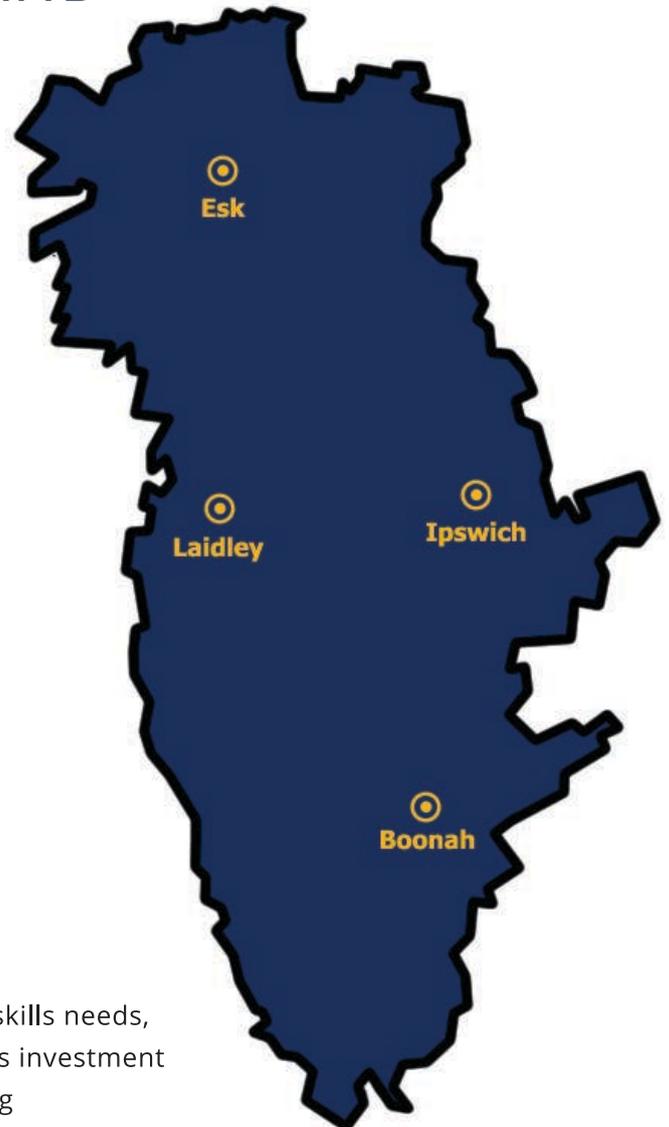
JOBS QUEENSLAND

Jobs Queensland provides strategic advice to government on skills demand, future workforce planning and development and apprenticeships and traineeships.

As an independent voice to Government, Jobs Queensland is a conduit for communication and a vehicle for change. Together with its partners, Jobs Queensland strives to shape a better future for the social and economic prosperity of Queensland.

Jobs Queensland brings together industry, industry associations and peak bodies, regions, communities, employers and unions to:

- Provide strategic advice on future skills needs, helping Government to prioritise its investment
- in vocational education and training
- Offer strategic advice on apprenticeships and traineeships to build their role as a key pathway to employment and a skilled workforce
- Undertake workforce planning and development initiatives to advice on actions to achieve future skills and workforce needs
- Be a source of quality, reliable data that can be used by all stakeholders
- Be accessible to regions and communities and be responsive to critical concerns and opportunities
- Proactively work across all levels of government to shape advice and priorities that will facilitate a cohesive and capable workforce for the future
- Commission research into future industry needs to ensure Queensland's workforce is skilled to meet the challenges ahead



ANTICIPATING FUTURE SKILLS

Jobs Queensland is tasked by the Queensland Government to undertake research and provide advice on future skills needs. The Anticipating Future Skills project, which entails the economic modelling of future scenarios, is one of the ways in which Jobs Queensland is performing this work.

In consultation with stakeholders across the State, Jobs Queensland devised three future scenarios, which are useful tools for dealing with complexity and uncertainty. Grounded in existing data and trends, scenarios do not generate predictions but depict plausible futures. When contrasted with a baseline or “business as usual” scenario, alternative scenarios can be used to measure their impact and identify what factors may or may not influence outcomes.

A baseline scenario to 2022 was also produced, based on 2017 labour market, population and economic data and the Queensland Government’s 2017-18 Budget papers. Economic modelling of each scenario produced data for industries, occupations, regions and qualifications, using Australian Bureau of Statistics (ABS) classification systems.

The projected employment figures used in this document relates to the SA4 Region of Ipswich which includes the areas – east to Archerfield Airport, south to NSW border, west to Laidley and north to Toogoolawah.

The SA4 Ipswich region will increase their projected employment numbers from 153,908 to 178,911 in accordance to Jobs Queensland baseline predictions. That is an increase of 25,003 employees.

Listed are the top 10 employment occupations based on the highest increase in the number of employees needed by 2022.

- Registered Nurses
- Sales Assistants
- Aged & Disability Carers
- Child Carers
- General Clerks
- Primary School Teachers
- Nursing Support & Personal Care
- Education Aide
- Secondary School Teachers
- Retail Managers

Also listed are the aspirational and technology occupations being sought by the residents of Springfield.

- Aviation
- Communications & Media
- Information Technology
- Business and Commerce
- Engineering Science





REGISTERED NURSES

Jobs Queensland - Future Workforce. Future Skills. **Anticipating Future Skills – Ipswich (SA4)**

- There are **3,691** Registered Nurses as at 2017
- There will need to be **5,033** Registered Nurses as at 2022
- This is a growth of **1,342** Registered Nurses
- This is a growth rate of **36.4%**

Becoming a Registered Nurse

What is a Registered Nurse?

Registered Nurses (RN) are skilled professionals providing compassionate nursing care for patients, taking on a fast paced, challenging and rewarding role that allows you to choose from a wide range of career opportunities. Working as part of a team of skilled professionals, nurses have the privilege of supporting patients at critical times in their lives. A career as an RN will provide you with ongoing education, support, rewarding working relationships and the opportunity to work in a wide range of environments with good financial rewards.

Introduction

With a combination of theory and clinical simulation in their well-resourced labs and nursing wards, USQ's Bachelor of Nursing prepares you for practice as an RN in hospitals, community settings, mental health settings, GP practices, clinics, rural and remote health services and aged care facilities across Australia and the world.

Entry Requirements

Year 12 or equivalent; English (4, SA); Recommended study: Mathematics A, and one of Biology, Chemistry, Physics or Science21; plus meet the requirements of the University of Southern Queensland and Queensland Health for clinical placement.

Work Placement

Students must complete 840 hours of clinical experience.

Pathways

University of Southern Queensland – Bachelor of Nursing

→ **ENROL NOW**



REGISTERED NURSES

FACT SHEET



3 Years



36.4%



279,600



\$76,960



959

* Vacant positions relates to employment positions available for Registered Nurses strictly in the state of Queensland through employment provider SEEK
Source: <https://joboutlook.gov.au/Occupation.aspx?search=Career&code=2544>

SALES ASSISTANTS

Jobs Queensland - Future Workforce. Future Skills.

Anticipating Future Skills – Ipswich (SA4)

- There are **7,067** Sales Assistants as at 2017
- There will need to be **8,358** Sales Assistants as at 2022 to accommodate for increasing demand
- This is a growth of **1,291** Sales Assistants
- This is a growth rate of **18.3%**

Becoming a Sales Assistant

What is a Sales Assistant?

Sales Assistants are people with great listening and people skills that can understand what the customer wants and distinguish which product will best suit their needs. They act as a catalyst for sales and are of significant importance to many businesses.

Introduction

The retail sector is one of Australia's largest employing industries with over 1.2 million workers. From sales assistant to buyer or stock control to area manager, there are a range of career opportunities available in the retail industry. TAFE's range of practical courses will set you up for a successful career working in retail stores, community pharmacies, or online markets.

Pathways

TAFE Queensland – Certificate III in Retail – SIR30216

→ **ENROL NOW**

TAFE Queensland – Certificate II in Retail Cosmetics - SHB20116

→ **ENROL NOW**

TAFE Queensland – Certificate III in Retail Baking (Bread) - FDF30610

→ **ENROL NOW**

TAFE Queensland – Certificate II in Retail Cosmetics /
Certificate III in Make-Up - SHB20116 / SHB30215

→ **ENROL NOW**

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SALES ASSISTANTS

FACT SHEET



TAFE



18.3%



517,800



\$44,200



892

* Vacant positions relates to employment positions available for Sales Assistants strictly in the state of Queensland through employment provider SEEK
Source: <https://joboutlook.gov.au/occupation.aspx?code=6211>

AGED & DISABLED CARERS

Jobs Queensland - Future Workforce. Future Skills.

Anticipating Future Skills – Ipswich (SA4)

- There are **2,546** Aged and Disabled Carers as at 2017
- There will need to be **3,623** Aged and Disabled Carers as at 2022 to accommodate for increasing demand
- This is a growth of **1,077** Aged and Disabled Carers
- This is a growth rate of **42.3%**

Becoming an Aged and Disabled Carer

What is an Aged and Disabled Carer?

Aged and disabled carers work in residential facilities or residents' homes, providing care and support for aged and disabled people. This may include helping with clients' medication, physical needs such as bathing, dressing, and feeding, and assisting with tasks such as domestic activities and transport.

Introduction

Aged care workers provide assistance, support, and direct care to aged persons in a variety of home, community, and health care settings. Our increasingly ageing population is driving demand for aged care and other individualised home and community support workers. More than 50,000 job openings are expected in the health, aged care and community services sectors over the next five years.

Pathways

TAFE Queensland – Certificate IV in Ageing Support - CHC43015

→ **ENROL NOW**

TAFE Queensland – Diploma of School Age Education and Care - CHC50213

→ **ENROL NOW**

TAFE Queensland – Certificate III in Individual Support - CHC33015

→ **ENROL NOW**

TAFE Queensland – Certificate III in Individual Support (Disability) - CHC33015

→ **ENROL NOW**

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AGED & DISABLED CARERS

FACT SHEET



TAFE



42.3%



175,800



\$46,800



363

* Vacant positions relates to employment positions available for Aged & Disabled Carers strictly in the state of Queensland through employment provider SEEK
Source: <https://joboutlook.gov.au/occupation.aspx?code=4231>

CHILD CARERS

Jobs Queensland - Future Workforce. Future Skills.

Anticipating Future Skills – Ipswich (SA4)

- There are **2,536** Child Carers Carers as at 2017
- There will need to be **3,386** Child Carers as at 2022 to accommodate for increasing demand
- This is a growth of **850** Child Carers
- This is a growth rate of **33.5%**

Becoming a Child Carer

What is a Child Carer?

A Child Carer is someone who assists with the needs of infants and young children in a range of settings such as child care centres, hospitals and education centres. This involves guiding the social, emotional, physical and educational development of children. Child care workers are essential in managing children's behaviour and social interactions.

Introduction

Early childhood education involves caring for and teaching pre-primary students to enhance their development. Our child care courses will equip you to provide high-quality care and plan developmentally-appropriate experiences to help children reach their full potential.

Pathways

TAFE Queensland – Diploma of Early Childhood Education and Care - CHC50113

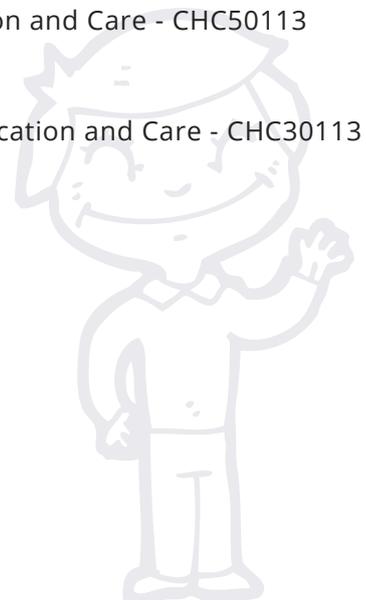
→ **ENROL NOW**

TAFE Queensland – Certificate III in Early Childhood Education and Care - CHC30113

→ **ENROL NOW**

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CHILD CARERS

FACT SHEET



TAFE



33.5%



156,300



\$41,600



345

* Vacant positions relates to employment positions available for Child Carers strictly in the state of Queensland through employment provider SEEK
Source: <https://joboutlook.gov.au/Occupation.aspx?search=Career&code=4211>

GENERAL CLERKS

Jobs Queensland - Future Workforce. Future Skills. Anticipating Future Skills – Ipswich (SA4)

- There are **3,524** General Clerks as at 2017
- There will need to be **4,364** General Clerks as at 2022
- This is a growth of **840** General Clerks
- This is a growth rate of **23.8%**

Becoming a General Clerk

What is a General Clerk?

A General office clerk performs a variety of administrative tasks, including answering telephones, typing or word processing, making copies of documents and maintaining records. While some clerks spend their time filing documents or answering phones; others are dedicated to entering data into computers.

Introduction

A qualification in business can open the door to a corporate career in a range of industries, or give you the skills you need to start your own business.

Pathways

TAFE Queensland – Diploma of Business Administration - BSB50415

→ **ENROL NOW**

TAFE Queensland – Certificate III in Business Administration - BSB30415

→ **ENROL NOW**

TAFE Queensland – Certificate III in Business Administration (Medical) - BSB31115

→ **ENROL NOW**

TAFE Queensland – Certificate IV in Business Administration - BSB40515

→ **ENROL NOW**

TAFE Queensland – Certificate IV in Health Administration - HLT47315

→ **ENROL NOW**

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GENERAL CLERKS

FACT SHEET



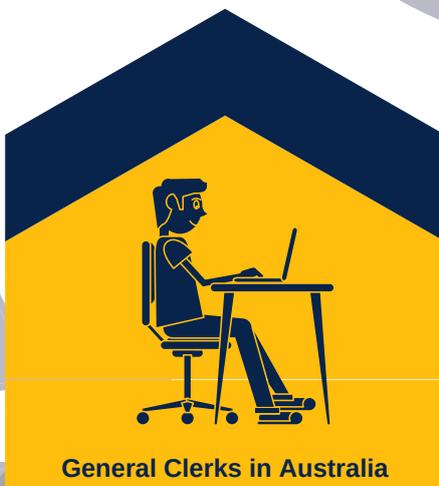
Study Opportunity

TAFE



Growth (5 Years)

23.8%



General Clerks in Australia

231,500



Average Salary

\$52,000



Vacant Positions*

943

* Vacant positions relates to employment positions available for General Clerks strictly in the state of Queensland through employment provider SEEK
Source: <https://joboutlook.gov.au/Occupation.aspx?code=5311>

PRIMARY SCHOOL TEACHERS

Jobs Queensland - Future Workforce. Future Skills.

Anticipating Future Skills – Ipswich (SA4)

- There are **2,501** Primary School Teachers as at 2017
- There will need to be **3,103** Primary School Teachers as at 2022
- This is a growth of **602** Primary School Teachers
- This is a growth rate of **24.1%**

Becoming a Primary School Teacher

What is a Primary School Teacher?

Primary School teachers are a vital tool in the growth of young children, as they educate them by planning and conducting an educational programme to develop literacy and numeracy skills as well as monitoring the physical, emotional, intellectual and social growth of their students.

Primary school teachers are trained to teach students from Kindergarten/Prep to Year 6.

Introduction

Focusing on the Primary years (from Prep to Year 6), this degree offers you the opportunity to gain the unique knowledge and expertise needed to educate young learners.

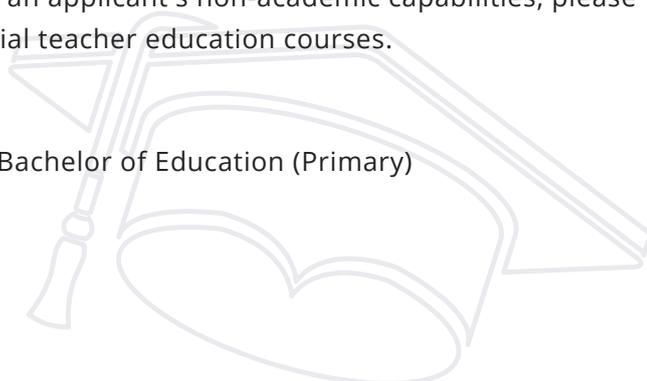
Entry Requirements

- English (4, SA) or equivalent
- Mathematics A (4, SA) or equivalent
- Science (4, SA) or equivalent
- A statement addressing suitability criteria. For information on selection guidelines, including the process for assessing an applicant's non-academic capabilities, please see the selection guidelines for initial teacher education courses.

Pathways

University of Southern Queensland – Bachelor of Education (Primary)

→ **ENROL NOW**



PRIMARY SCHOOL TEACHERS

FACT SHEET



4 Years



24.1%



169,400



\$70,200



182

NURSING SUPPORT & PERSONAL CARE

Jobs Queensland - Future Workforce. Future Skills.

Anticipating Future Skills – Ipswich (SA4)

- There are **1,426** Nursing Support and Personal Care Workers as at 2017
- There will need to be **1,998** Nursing Support and Personal Care Workers as at 2022
- This is a growth of **572** Nursing Support and Personal Care Workers
- This is a growth rate of **40.1%**

Becoming a Nursing Support and Personal Care Worker

What is a Nursing Support or Personal Care Worker?

A personal care worker is somebody that usually works in clients' homes helping take care of elderly and disabled individuals. They provide basic healthcare and domestic assistance for disabled and elderly patients while also providing support to both the patient and their families.

Pathways

TAFE Queensland – Diploma of Nursing - HLT54115

→ **ENROL NOW**

TAFE Queensland – Certificate IV in Allied Health Assistance - HLT43015

→ **ENROL NOW**

TAFE Queensland – Certificate III in Individual Support (Ageing) - CHC33015

→ **ENROL NOW**

TAFE Queensland – Certificate III in Individual Support (Disability) - CHC33015

→ **ENROL NOW**

TAFE Queensland – Certificate IV in Disability - CHC43115

→ **ENROL NOW**

TAFE Queensland – Dementia Support - Service Delivery Skill Set - CHCSS00095

→ **ENROL NOW**

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NURSING SUPPORT & PERSONAL CARE

FACT SHEET



TAFE



40.1%



97,900



\$46,800



nan

* Vacant positions relates to employment positions available for Nursing Support strictly in the state of Queensland through employment provider SEEK
Source: <https://joboutlook.gov.au/Occupation.aspx?code=4233>

EDUCATION AIDES

Jobs Queensland - Future Workforce. Future Skills.

Anticipating Future Skills – Ipswich (SA4)

- There are **1,913** Education Aides as at 2017
- There will need to be **2,460** Education Aides as at 2022
- This is a growth of **547** Education Aides
- This is a growth rate of **28.6%**

Becoming an Education Aide

What is an Education Aide?

Education aides assist teachers with the supervision and support of students as well as assist with the delivery of learning programmes. Education Aides also provide assistance to students with special needs, including those with behavioural issues and physical or intellectual disabilities.

Introduction

Demand for teacher aides in Australia is very high with job openings over the next five years expected to be over 50,000. Employers are seeking qualified candidates with strong interpersonal and communication skills who can work well as part of a team.

Pathways

TAFE Queensland – Certificate III in Education Support - CHC30213

→ **ENROL NOW**

TAFE Queensland – Certificate IV in Education Support - CHC40213

→ **ENROL NOW**

TAFE Queensland – Diploma of School Age Education and Care - CHC50213

→ **ENROL NOW**

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EDUCATION AIDES

FACT SHEET



TAFE



28.6%



90,500



\$48,204



17

* Vacant positions relates to employment positions available for Education Aides strictly in the state of Queensland through employment provider SEEK
Source: <https://joboutlook.gov.au/occupation.aspx?code=4221>



SECONDARY SCHOOL TEACHERS

Jobs Queensland - Future Workforce. Future Skills.

Anticipating Future Skills – Ipswich (SA4)

- There are **2,228** Secondary School Teachers as at 2017.
- There will need to be **2,765** Secondary School Teachers as at 2022.
- This is a growth of **537** Secondary School Teachers.
- This is a growth rate of **24.1%**

Becoming a Secondary School Teacher

What is a Secondary School Teacher?

Secondary School Teachers are education leaders that teach one or more subjects within the school curriculum to secondary students. Subject areas include but are not limited to; English, mathematics, science, history, geography, art, music, health, design, information technology, foreign languages, home economics / hospitality as well as health and physical education.

Introduction

Are you looking for a degree that gives you flexibility, industry engagement, professional development and, most importantly, a lot of confidence? USQ's Bachelor of Education (Secondary) is designed to produce graduates who are 100% prepared to teach students in Years 7 to 12.

Entry Requirements

- Subject pre-requisites: English (4, SA), Mathematics A (4, SA) or equivalent
- You will be required to submit a statement addressing suitability criteria.

Pathways

University of Southern Queensland - Bachelor of Education (Secondary)

→ **ENROL NOW**



USQ

SECONDARY SCHOOL TEACHERS

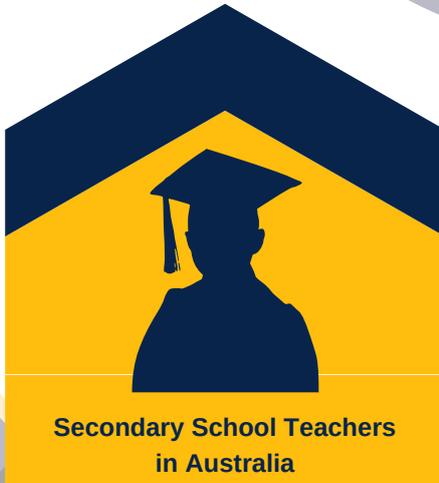
FACT SHEET



4 Years



24.1%



138,300



\$78,000



154

* Vacant positions relates to employment positions available for Secondary Teachers strictly in the state of Queensland through employment provider SEEK
Source: <https://joboutlook.gov.au/Occupation.aspx?code=2414>



RETAIL MANAGERS

Jobs Queensland - Future Workforce. Future Skills.

Anticipating Future Skills – Ipswich (SA4)

- There are **3,141** Retail Managers as at 2017
- There will need to be **3,651** Retail Managers as at 2022
- This is a growth of **510** Retail Managers
- This is a growth rate of **16.2%**

Becoming a Retail Manager

What is a Retail Manager?

A Retail Manager is somebody that is responsible for every aspect of the day-to-day supervision of retail outlets, including sales, staff, stock and resources management.

Pathways

TAFE Queensland – Bachelor of Applied Management - BSMAN/VM5

→ **ENROL NOW**

TAFE Queensland – Advanced Diploma of Leadership and Management - BSB61015

→ **ENROL NOW**

TAFE Queensland – Certificate IV in Leadership and Management - BSB42015

→ **ENROL NOW**

TAFE Queensland – Certificate III in Retail - SIR30216

→ **ENROL NOW**

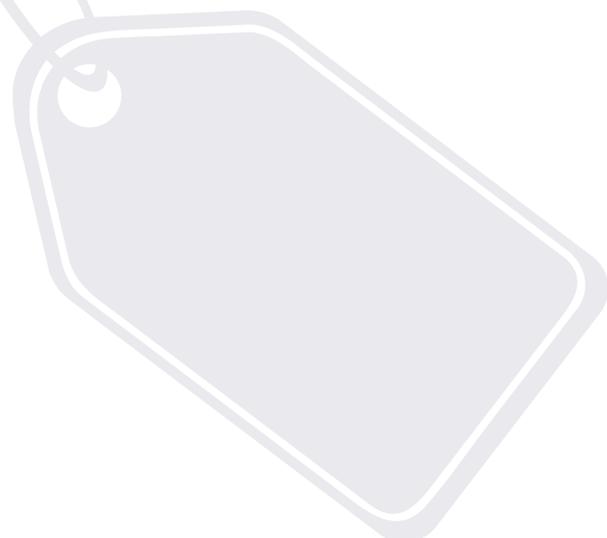


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Open



RETAIL MANAGERS

FACT SHEET



Study Requirement

TAFE



Growth (5 Years)

16.2%



Retail Managers in Australia

233,300



Average Salary

\$52,000



Vacant Positions*

161



LIFESTYLE & TECHNOLOGY

Information Technology and Lifestyle careers are both key pillars of Greater Springfield and form an important component of the emerging city's world-award winning signature master plan.

Currently the most significant driver for smart city development is improving city infrastructures such as energy, water, and transportation systems. The physical infrastructure now in place in Greater Springfield is first class, with road, rail, schools, a hospital, and retail specialty shops all in one centrally located place.

It is now time for the virtual infrastructure to evolve quickly and provide the fusion between the physical and online worlds. This connectivity and intelligence, based upon real-time data about interactions, will create opportunities for improved liveability and creation of new value.

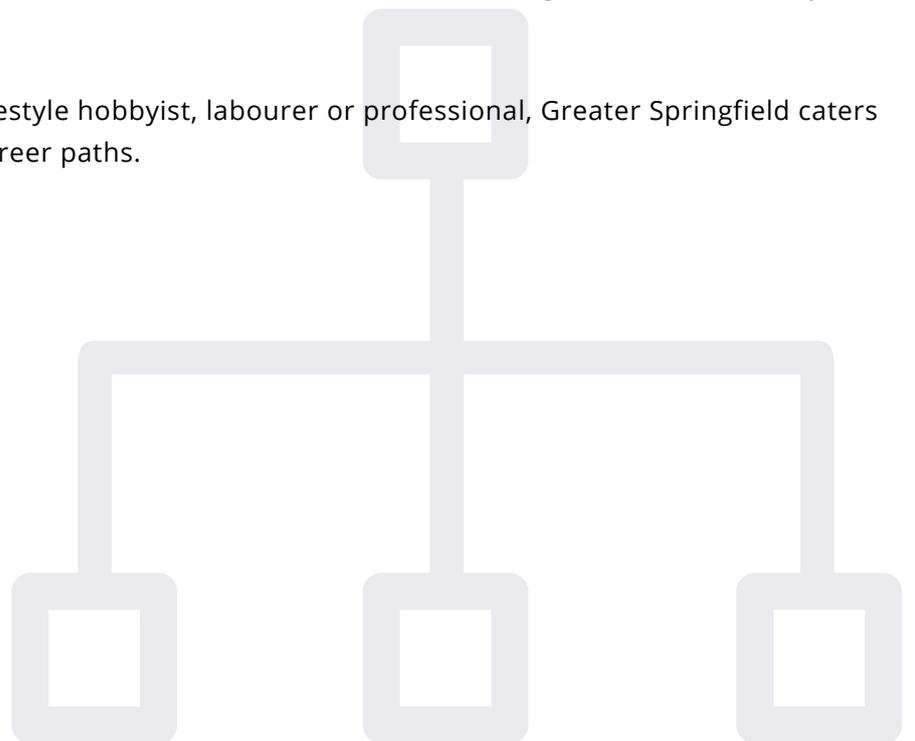
By building a digital platform, other businesses can easily connect their business, build products and services on top of it, and thereby co-create value. In such a networked ecosystem, digital governance is required to establish the conditions that those as part of the community can come to create and contribute value.

Lifestyle careers and development is also a major factor for the Greater Springfield region, and is really a city where you can live, learn, work and play. Well-being of residents in mind, Greater Springfield holds health and education as two essential pillars of the city's development. Residents have access to advanced medical services through the Mater Private Hospital and world-class education and training from The University of Southern Queensland.

Whether you are looking to become a lifestyle hobbyist, labourer or professional, Greater Springfield caters to all types of employment ideals and career paths.

Aspirational Occupations

- Aviation and Support
- Communications and Media
- Information Technology
- Business and Commerce
- Engineering Science



SELLING THE DREAM THROUGH EDUCATION (PART A)

The community of Springfield is focused on strengthening and harnessing higher level skills and jobs in the region and proactively enhance educational opportunities to participate in global knowledge economy.

Furthermore, the presence of tertiary educational facilities in Greater Springfield has been positively associated with participation in higher education, both in direct enrolments in the community and in establishing the idea of tertiary study as normal.

The Greater Springfield community has:

- Implemented programs and courses that boost educational opportunities
- Increased participation in higher education to boost higher level skills and job opportunities
- Created an environment that encourages entrepreneurs, IT start-ups and young leaders
- Supported growth in IT, professional services and knowledge businesses
- Increase links between schools and technology focused industries

There is strong evidence that educational institutions are essential stabilising forces within a regional economy and with their surrounding communities. This relationship between these educational facilities and their host regions are fundamentally reciprocal. It is mutually enriching, along with multiple levels.

TAFE Springfield

There are a range of study areas available at the TAFE Springfield campus including business, child care, first aid, graphic design, justice studies, leadership and management, and remedial massage. The campus is conveniently located close to the Springfield train station and nearby child care facilities.

<https://tafeqld.edu.au/search-results.html?location=Springfield>



USQ - Springfield Campus

The USQ Springfield Campus's 'Community Centred – Career Focused' theme provides a student-focused educational environment with the latest in program delivery and technology. With high-quality facilities and exceptional support, graduates are equipped to succeed in today's rapidly changing work environments.

<https://www.usq.edu.au/about-usq/locations/springfield>



AVIATION & AIR SUPPORT

Becoming an Aviator

What is an Aviator?

An aviator or pilot is someone who is in the aviation industry, and who is able to operate aircraft in order to transport passengers or goods from one location to another. They are employed by commercial airlines, corporations, or governments.

Introduction

A career in Aviation can be enormously rewarding, challenging and life changing! USQ's Bachelor of Aviation allows you to choose to either take on a program that trains you for a career as a Pilot, in the Flight Operations Major or to take on a ground based role via the Aviation Management Major.

Pathways

University of Southern Queensland – Bachelor of Aviation

→ **ENROL NOW**

Education & Requirements

- A Bachelor Degree or higher, or at least 5 years of relevant experience, is usually needed to work in this job.
- Around two in five workers have a university degree.
- Aeroplane and Helicopter Pilots require a minimum amount of flying experience in addition to a qualification.
- Registration or licensing is mandatory.



AVIATION & AIR SUPPORT

FACT SHEET

WEEKLY PAY

Unavailable



EMPLOYMENT

19,400 Workers



INDUSTRY GROWTH

Moderate



FULL TIME HOURS

35.7 Hours



AVERAGE AGE

42 Years



GENDER SHARE

15.4% Female



Job Titles

- Aeroplane Pilot
- Air Traffic Controller
- Flying Instructor
- Helicopter Pilot
- Other Air Transport Professionals

Employment Outlook

The number of Air Transport Professionals grew very strongly over the past 5 years and is expected to grow over the next 5 years from 19,400 in 2018 to 20,500 by 2023.

Job openings can come from new jobs being created, but most come from turnover (workers leaving).

There are likely to be around 4,000 job openings over 5 years (that's about 800 a year).



COMMUNICATION & MEDIA

Becoming a Communication or Media Consultant

What is a Communication or Media Consultant?

A communication or media consultant is someone who specialises in creating professional advertising, marketing and public relations campaigns, working with companies to create and implement marketing strategies.

Introduction

Dynamic, expert communicators are in high demand across the world. Industries as diverse as media, engineering, the sciences and creative arts are calling for highly skilled professionals to engage audiences. If you're looking to be part of an exciting career that could take you anywhere in the world, get the required skills with USQ's Bachelor of Communication and Media.

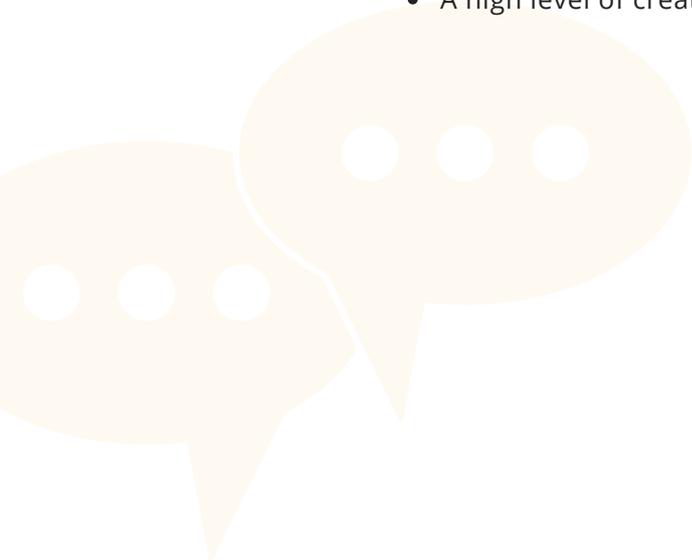
Pathways

University of Southern Queensland – Bachelor of Communication and Media

➔ **ENROL NOW**

Education & Requirements

- A Bachelor Degree or higher, or at least 5 years of experience, is usually needed to work in this job.
- Over half of workers have a university degree.
- A high level of creativity may also be important.



COMMUNICATION & MEDIA

FACT SHEET

WEEKLY PAY

\$1,346



EMPLOYMENT

74,800 Workers



INDUSTRY GROWTH

Strong



FULL TIME HOURS

39.4 Hours



AVERAGE AGE

34 Years



GENDER SHARE

59.7% Female



Job Titles

- Advertising Specialist, Account Executive or Manager, or Creative Director
- Market Research Analyst
- Marketing Specialist, Consultant, Coordinator or Officer

Employment Outlook

The number of Advertising and Marketing Professionals grew very strongly over the past 5 years and is expected to grow strongly over the next 5 years from 74,800 in 2018 to 84,100 by 2023.

Job openings can come from new jobs being created, but most come from turnover (workers leaving).

There are likely to be around 53,000 job openings over 5 years (that's about 10,600 a year).

INFORMATION TECHNOLOGY

Becoming an Information Technology Specialist

What is an Information Technology Specialist?

Information technologists generally design, operate or maintain technology products. Not limited to employment with technology companies, information technology (IT) specialists may work with any businesses, agencies or organizations that use technology or manage large amounts of information.

Introduction

The Bachelor of Information Technology degree at USQ is designed to give you the skills, knowledge and experience for a career in ICT. You will learn how to be a problem solver and innovator across a wide range of industries as an expert in information technology. Studying a Bachelor of IT you will:

- Have the opportunity to put your learning into practice through an industry-based learning experience or project
- Choose from a range of specialisations (majors) and start studying it in your first year of study
- Learn best-practice and valuable insights from experts in ICT
- Gain the skills and knowledge to help you seek industry certification.

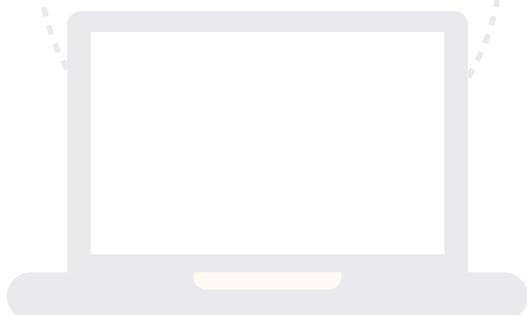
Pathways

University of Southern Queensland – Bachelor of Information Technology

→ **ENROL NOW**

Education & Requirements

- A Bachelor Degree or higher, or at least 5 years of relevant experience, or relevant vendor certification is usually needed.
- Around half of workers have a university degree.
- Sometimes experience or on-the-job training is needed in addition to a qualification.



INFORMATION TECHNOLOGY

FACT SHEET

WEEKLY PAY

\$1,801



EMPLOYMENT

31,600 Workers



INDUSTRY GROWTH

Strong



FULL TIME HOURS

39.5 Hours



AVERAGE AGE

41 Years



GENDER SHARE

9.9% Female



Job Titles

- Computer Network and Systems Engineer
- Network Administrator, Network Specialist, or Network Support
- Network Analyst, Designer or Strategist

Employment Outlook

The number of Computer Network Professionals grew very strongly over the past 5 years and is expected to grow strongly over the next 5 years from 31,600 in 2018 to 35,200 by 2023.

Job openings can come from new jobs being created, but most come from turnover (workers leaving).

There are likely to be around 17,000 job openings over 5 years (that's about 3,400 a year).

BUSINESS & COMMERCE



Becoming a Business and Commerce Specialist

What is a Business and Commerce Specialist?

A business and commerce specialist is somebody that specialises in a field involving business or commerce, such as Accountants, Business Administrators, Business Economists, Business Lawyers, General Finance positions and more.

Introduction

USQ's Business and Commerce degree gives you the flexibility to combine one business area of interest with another to create the career you want.

You can choose to study two specialist fields (majors) or combine one specialist field with two other minor fields to broaden your horizons. If you're not sure which field you'd like to specialise in, don't worry. Within your first year of study you'll study a variety of courses (subjects) to discover your areas of interest.

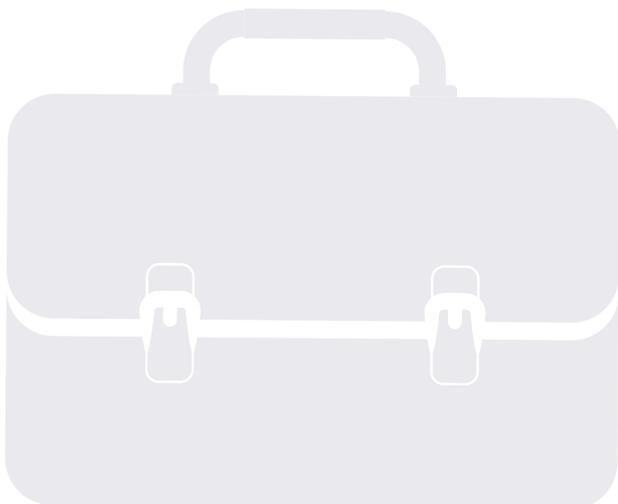
Pathways

University of Southern Queensland – Bachelor of Business & Commerce

→ **ENROL NOW**

Education & Requirements

- A Bachelor Degree or higher, or at least 5 years of relevant experience is usually needed to work in this job.
- Around three quarters of workers have a university degree.



BUSINESS & COMMERCE

FACT SHEET

WEEKLY PAY

\$2,073



EMPLOYMENT

58,700 Workers



INDUSTRY GROWTH

Strong



FULL TIME HOURS

41.3 Hours



AVERAGE AGE

46 Years



GENDER SHARE

44.4% Female



Job Titles

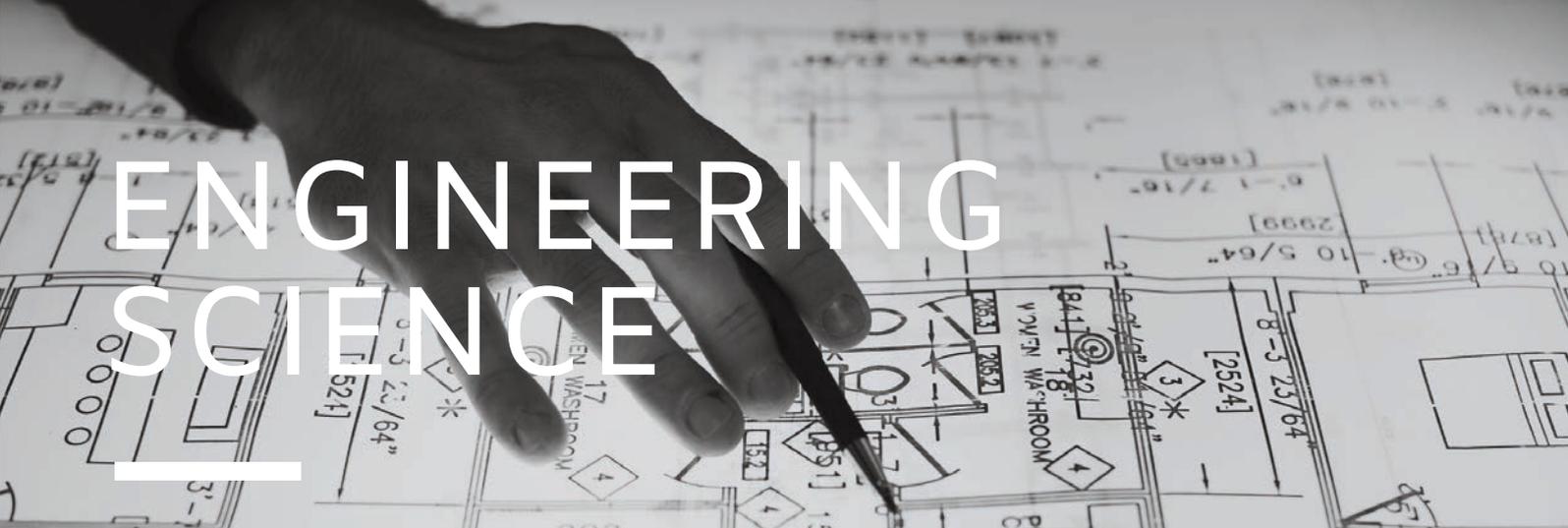
- Finance Manager

Employment Outlook

The number of Finance Managers grew very strongly over the past 5 years and is expected to grow strongly over the next 5 years from 58,700 in 2018 to 63,500 by 2023.

Job openings can come from new jobs being created, but most come from turnover (workers leaving).

There are likely to be around 45,000 job openings over 5 years (that's about 9,000 a year).



ENGINEERING SCIENCE

Becoming an Engineer

What is an Engineer?

An engineer is a practitioner of engineering, concerned with applying scientific knowledge, mathematics, and ingenuity to develop solutions for technical, societal and commercial problems. Engineers design materials, structures, and systems while considering the limitations imposed by practicality, regulation, safety, and cost.

Introduction

Build the next step to your future with USQ's Bachelor of Engineering Science (Civil). With the opportunity to study externally or on campus, the Bachelor of Engineering Science gives you the flexibility to adapt your study to your life. Get hands on with the practical courses, work with professional equipment and learn the highly sought after skills you'll need for the workforce.

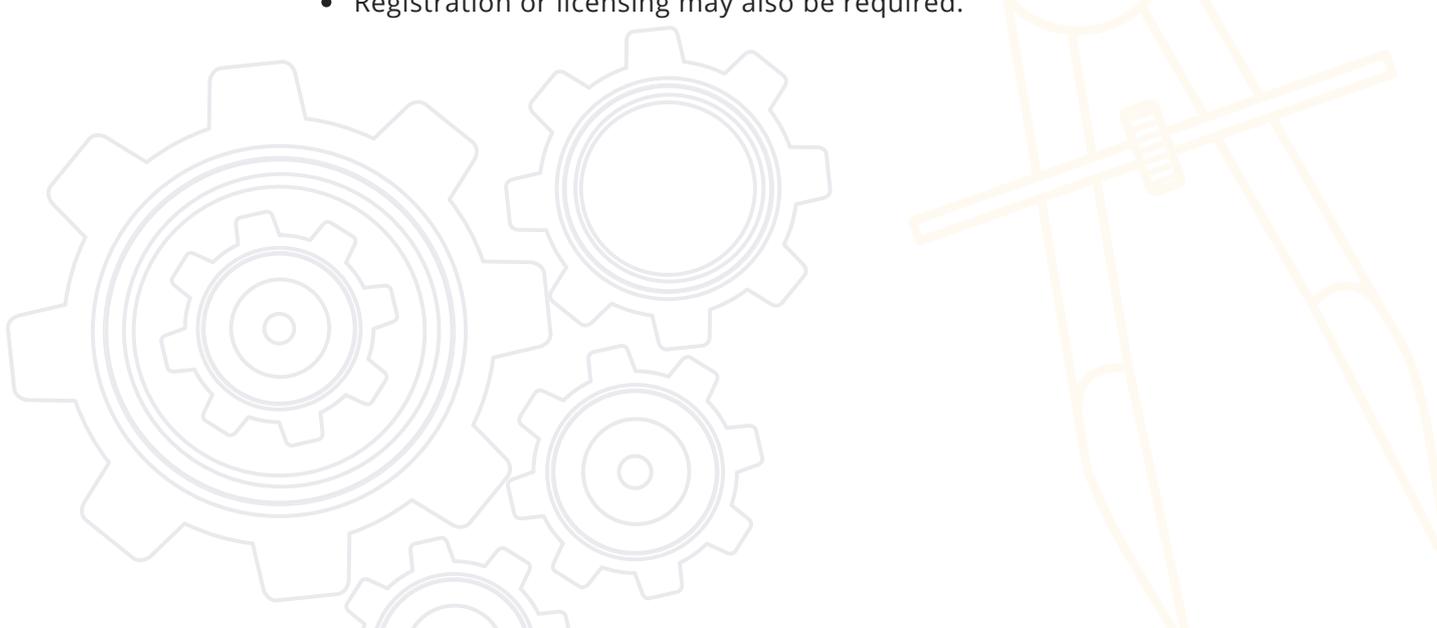
Pathways

University of Southern Queensland – Bachelor of Engineering Science

→ **ENROL NOW**

Education & Requirements

- A Bachelor Degree or higher is usually required.
- Sometimes relevant experience or on-the-job training is also needed.
- Registration or licensing may also be required.



ENGINEERING SCIENCE

FACT SHEET

WEEKLY PAY

\$1,916



EMPLOYMENT

53,300 Workers



INDUSTRY GROWTH

Strong



FULL TIME HOURS

43 Hours



AVERAGE AGE

37 Years



GENDER SHARE

13.1% Female



Job Titles

- Civil Engineer
- Geotechnical Engineer
- Quantity Surveyor, or Building Economist
- Structural Engineer
- Transport Engineer

Employment Outlook

The number of Civil Engineering Professionals grew very strongly over the past 5 years and is expected to grow strongly over the next 5 years from 53,300 in 2018 to 60,500 by 2023.

Job openings can come from new jobs being created, but most come from turnover (workers leaving).

There are likely to be around 28,000 job openings over 5 years (that's about 5,600 a year).

SELLING THE DREAM THROUGH EDUCATION (PART B)



Highest level of schooling	Did not go to school, or Year 8 or below		Year 9 or 10 or equivalent		Year 11 or 12 or equivalent		Total
	Number	%	Number	%	Number	%	
Springfield Region	613	2.5	4,888	19.7	17,824	71.7	24,848
Queensland	196,488	5.4	964,903	26.5	2,146,809	58.9	3,643,834

Non-school qualification	Level of education						Persons with a qualification		Total persons
	Bachelor degree or higher		Advanced diploma or diploma		Advanced diploma or diploma		Number	%	
	Number	%	Number	%	Number	%	Number	%	
Springfield Region	5,225	20.0	2,828	10.8	6,115	23.4	16,120	61.6	26,182
Queensland	693,410	18.3	330,619	8.7	807,105	21.3	2,241,124	59.1	3,790,497

Total personal income	Less than \$20,800 per year		\$20,800 to \$51,999 per year		\$52,000 to \$103,999 per year		\$104,000 or more per year		Total	Median (\$/Year)
	Number	%	Number	%	Number	%	Number	%		
Springfield Region	6,419	24.5	7,806	29.8	8,365	31.9	1,923	7.3	26,182	44,464
Queensland	1,074,683	28.4	1,249,382	33.0	841,717	22.2	269,288	7.1	3,790,497	34,320

Field of study	Springfield Region		Queensland		Specialisation ratio
	Number	%	Number	%	
Engineering and Related Technologies	2,653	16.5	352,200	15.7	1.05
Health	1,616	10.0	220,075	9.8	1.02
Education	1,098	6.8	168,108	7.5	0.91
Management and Commerce	3,577	22.2	392,830	17.5	1.27
Society and Culture	1,959	12.2	240,326	10.7	1.13



Springfield Skills Alliance

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