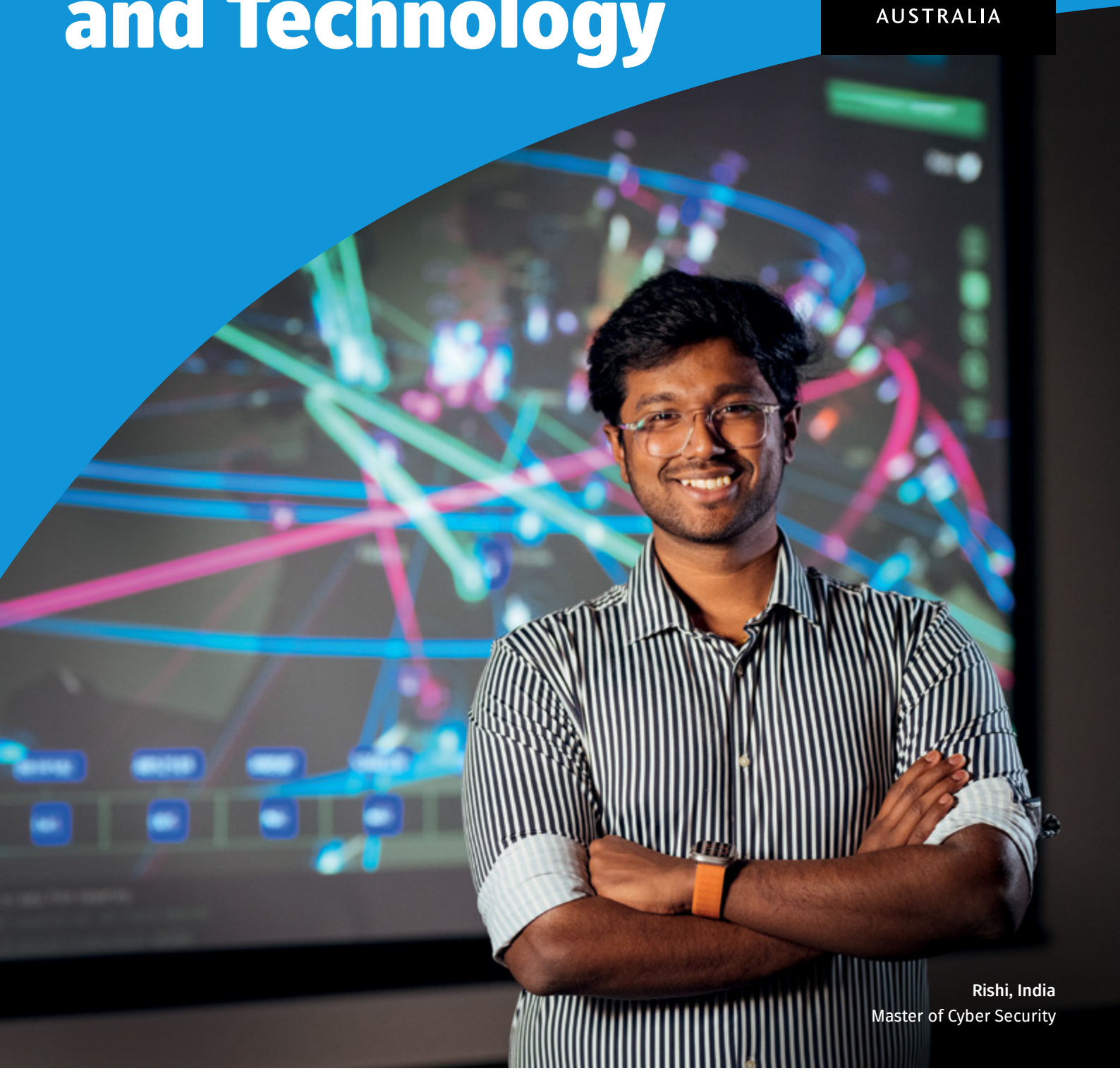
Industry Snapshot

Computing, Maths and Technology

U NIVERSITY OF NEWCASTLE AUSTRALIA



Rishi, India
Master of Cyber Security

newcastle.edu.au/computing-technology

Advance your career in technology

In today's global landscape, technology plays a central role in every aspect of our lives, from how we work and learn to how we communicate and entertain ourselves. Embracing cutting-edge innovations and technology enhances our experiences and empowers us to thrive in any environment, bridging gaps and pushing boundaries like never before.

Amanda, Philippines
Bachelor of Information Technology

Why study Computing, Maths and Technology

Continued global challenges and the rise in popularity of digital technologies has consequently led to an increase in demand for Information Technology (IT) professionals, particularly those specialising in cyber security, data analytics and artificial intelligence.

Whether you are a graduate, undertaking a degree in or considering information technology for your future studies, the demand for specialised technology professionals continues and remains strong.

Professor Vijay Varadharajan, Global Innovation Chair in Cybersecurity for the School of Information and Physical Sciences, says the importance of technology starts with education.

The demand for skilled IT professionals remains high throughout the world. In LinkedIn's top 10 in-demand jobs for 2024, software engineers were top four, while full stack engineers jumped six spots to crack the top ten[1].

According to James MacDonald, Director of Newy Tech People, the high demand for software developers and engineers will remain strong, with 55% of managers looking to hire these professionals in the next 12 months. There is also a large demand for data analysts and data scientists, along with cyber security experts and we can expect to see continued growth in both areas across Newcastle and Wollongong[2].

90.6%

of undergraduate students employed within four months of graduating[3]

95.4%

of postgraduate students employed within four months of graduating[3]

1 Linkedin.com/business/talent/blog/talent-strategy/most-in-demand-jobs.
2 Newy Tech People - The Technology Salary Guide (Newcastle, Wollongong, Sydney) 2023-2024.
3 Graduate Outcomes Survey 2022-2024

Newcastle and Hunter Region Snapshot

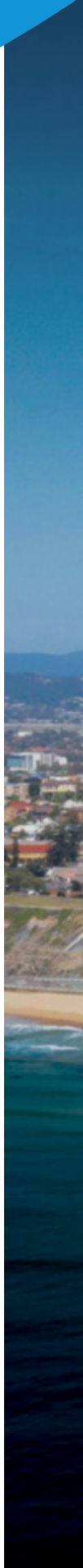
Future growth and development for the region[1]

The region continues to recognise that modern technology and communications are essential to removing barriers and opening opportunities to join the bigger markets through high-tech, creative and knowledge-based industries.

- Planned expansion of Newcastle Airport by 2030 which will see it double, expanding the region's tourism industry and enhancing connections with the Asia-Pacific
- Development advanced manufacturing, defence and aerospace hubs
- Enhance regional linkages to support economic growth through improved transport corridors and freight facilities
- Diversify and grow the energy sector to more energy efficient and renewable energy technologies
- The region's economic success and rapid growth will continue to drive competitiveness and new jobs, creating new roles in Computer Science, Data Science, Information Technology and Mathematics industries.

Technology organisations in the Newcastle and Hunter Region

ACT LOGISTICS
Australian Government
Australian Public Service Commission
BOEING
BRENNAN
COALLSL
City of Newcastle
GreaterBank
Forsythes TECHNOLOGY
LOVELLSGROUP
Mudbath.
nib
ORICA
SENPOS
SSW ENTERPRISE SOFTWARE DEVELOPMENT
3ME TECHNOLOGY



1 Hunter Regional Plan 2036.

2nd
largest city in NSW, Australia

70,000
Over 70,000 more homes by 2036[1]

1.27M
New international airport 1.27 million passengers a year[2]

427,000
Over 427,000 jobs and growing[3]

25%
Population growth over the next 20 years[3]

28%
of regional NSW's total economic output[4]

1 **The University of Newcastle**
City campus
- Conservatorium
- NUspace
- Q Building
- Watt Space Gallery
- University House
- The University of Newcastle College of International Education

2 **Newcastle Interchange**
Train/Light Rail

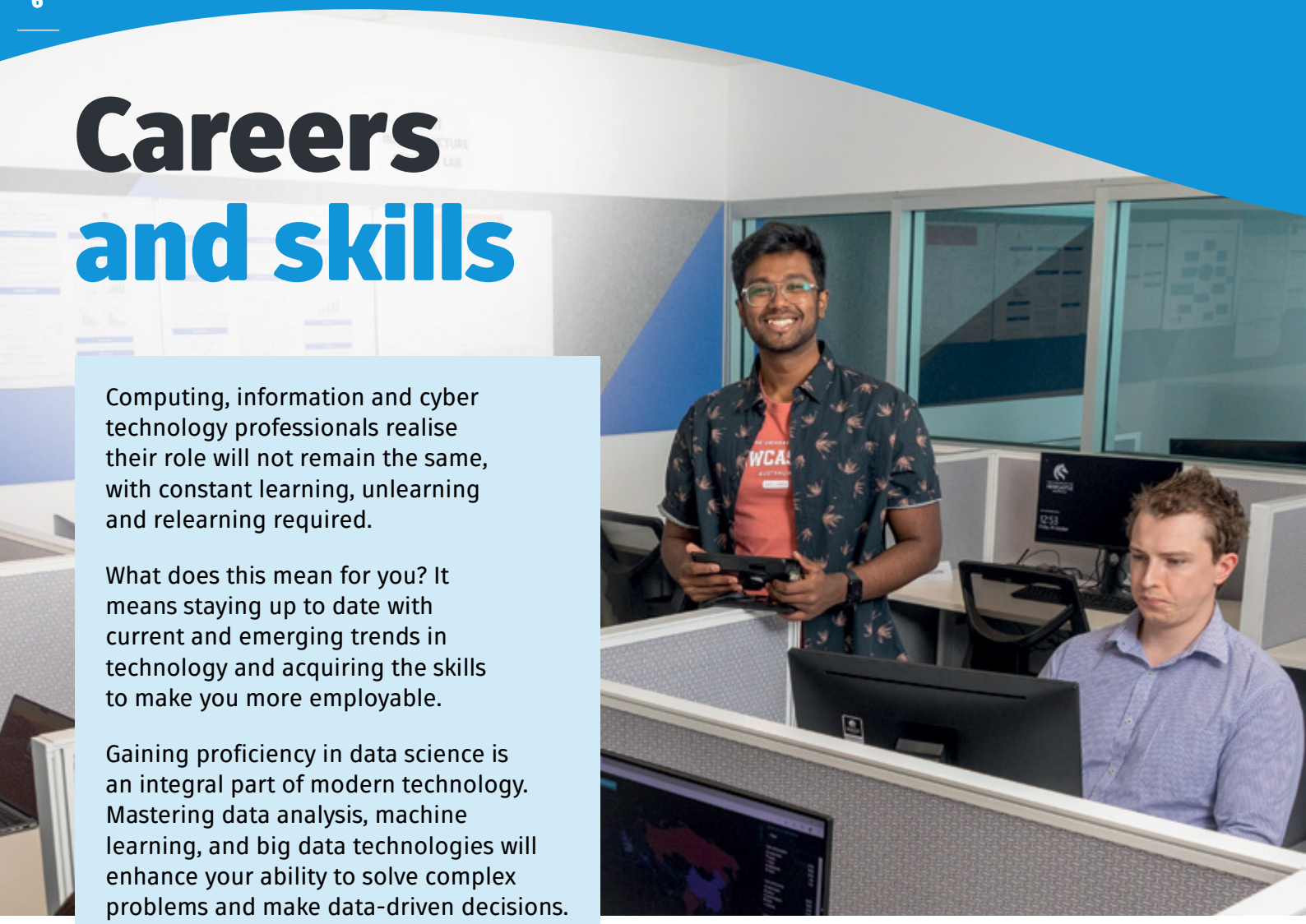
3 **I2N Innovation Hub**
Located within Q Building

4 **Honeysuckle**
Waterfront entertainment area

5 **The University of Newcastle**
Callaghan campus

1 Hunter Regional Plan 2036. 2 2036 Newcastle Airport Vision.
3 Hunter Regional Plan 2041. 4 Hunter Joint Organisation.

Careers and skills



Computing, information and cyber technology professionals realise their role will not remain the same, with constant learning, unlearning and relearning required.

What does this mean for you? It means staying up to date with current and emerging trends in technology and acquiring the skills to make you more employable.

Gaining proficiency in data science is an integral part of modern technology. Mastering data analysis, machine learning, and big data technologies will enhance your ability to solve complex problems and make data-driven decisions.

Top skills to gain

Top ICT jobs in New South Wales, Australia, in the past six months[1]

- Computer Network and Systems Engineer
- Software Engineer Software and Applications Programmers
- ICT Security Specialist
- Database Administrator
- Systems Analyst
- Developer Programmer
- ICT Project Manager
- ICT Managers
- Support Engineers

Baseline skills in greatest demand for Cyber and Tech jobs in Australia[1]

- Communication Skills
- Problem Solving
- Troubleshooting
- Planning
- Detail-Orientated Research
- Writing
- Building Effective Relationships
- Mentoring Creativity
- Teamwork / Collaboration

Top 10 specialised ICT skills, Australia[1]

- Software Engineering
- SQL
- Python
- Project Management
- Software Development
- Technical Support
- Stakeholder Management
- Systems Engineering
- Microsoft Azure

Top 10 specialised skills, New South Wales, Australia Cyber and Tech jobs[2]

- Python
- Software Engineering
- SQL
- Project Management
- Software Development
- Java
- Technical Support
- Budgeting
- Customer Service

1 Graduate Outcomes Survey 2019-2021 2 Graduate Outcomes Survey 2020-2022.

Practical experiences

Career-ready placements are a compulsory requirement of the Computer Science, Data Science, Information Technology and Mathematics degrees.

A career-ready placement experience provides an opportunity to gain valuable hands-on training and experience in real world situations. This practical experience is critical in helping you transition into the workforce upon completion of your degree.

Top 10

university in Australia for Graduate Employability[1]

Career-ready placements

Computer Science, Data Science and Information Technology

In your final year, you will work on a project related to the fields of computer science, cyber security and information technology. The work will be undertaken in an organisation (industry, research groups, labs) or as an innovative proposal that has been approved by the course coordinator. This direct experience will offer exposure to the project management practices of managers and/or researchers.

Under supervision and in a group work environment, you will undertake 240 hours of work with an appropriate organisation involved in computer science, cyber security, data science, and/or information technology related areas.

Mathematics

As a Mathematics student, you will complete 140 hours of career-ready placement experiences or activities before you graduate from your degree.

Scan to learn more about Career-ready Placements.

Benefits of a career-ready placement

One of the greatest benefits of undertaking a career-ready placement is the impact it has on your employability. Career-ready placements provide you with opportunities to:

- Become job-ready
- Learn from sector-leading professionals
- Build professional contacts and networks
- Develop discipline-specific skills and knowledge through hands on exposure in the workplace
- Explore future career options.
- Gain insights into the professional attitudes and attributes necessary for the jobs of the future
- Develop a competitive edge in the global employment marketplace.

"During my time with KPMG, I had the opportunity to gain insights into how real businesses work. This not only empowers me to have confidence in my future career but also equipped me with the appropriate work experience needed to succeed."

Jenny (Ni), Vietnam
Bachelor of Computer Science

1 The Australian Financial Review Best Universities for Career Outcomes 2023.

What the university of Newcastle can offer

Our world-class facilities, programs, and focus on practical experience mean you will graduate ready to make your mark on a rapidly changing digital environment.

The School of Information and Physical Sciences has established a successful reputation for our teaching and research standards. Ranking us Top 300 in the world for Computer Science[1] and Top 300 in the World for mathematics[1].

Global Networking Opportunities

Students can connect with a diverse cohort of industry professionals, faculty and peers. Our programs facilitate networking through virtual events, guest lectures and industry-based projects.

Career-Ready Placements

Learn transferable STEM skills that can lead to a career in almost any industry. With opportunities for industry placement across all degrees, you will graduate ready to make an impact. Newcastle is part of a highly engaged start-up community, and our students can utilise their proximity to undertake work-integrated-learning with organisations such as 4Tel, Imagecloud, NGM Group and incubatorTANK to name a few.

1 QS World University Rankings by Subject, 2025.

Gain real-world skills

Graduates will be equipped to model real-world situations, to think abstractly and to manage, analyse, interpret, visualise, and effectively communicate data.

Access our industry-leading cyber security labs

Our System Security Lab, Smart Network Infrastructure Security Lab, and Malware Lab each offer a range of advanced technologies and are setup to ensure each student has access to virtual machines to provide an isolated and secure environment to learn in. Our labs use advanced VMware based virtualisation technology, can be used to run cyber hackathons, and develop real-world applications in a safe and controlled environment.

Top 300

in the world for Computer Science[1]

Top 300

in the world for Mathematics[1]

95%

of our STEM research is ‘at’ or ‘above' world standard’[3]

1 QS World University Rankings by Subject, 2025.
3 Excellence in Research, 2018

Fastest-growing Computer, Math and Technology jobs

The job market is changing, with a focus on skills-based hiring and hybrid work arrangements becoming more popular. Artificial Intelligence (AI) and automation progress bring both opportunities and challenges for professionals and companies preparing for the future.

Gain career skills and experience.

Exciting areas of employment growth

Demand for workers with specialist data skills like data scientists and data engineers has more than tripled over five years (+231%), according to a labour market analysis commissioned for Dynamics of Data Science Skills.

In addition, the number of employee hours spent analysing data and using data to inform decision-making is expected to rise 10% over the next five years, according to the National Skills Commission five-year skills cluster report. According to the National Skills Commission 2021, these jobs are projected to grow between 11% and 12.9% over the next five years.

Top 10 roles hiring managers are looking to fill in the next 12 months[1]

- Software Development and Engineering
- Data Analytics and Data Science
- Cyber Security
- Digital and UX/UI Design
- Infrastructure and Ops
- QA and Testing
- Cloud Engineering and DevOps
- Project Managers, Business Analysts and Change Managers
- Senior Leadership
- Mechatronics and Embedded.

Australia[2]

Career	Desired skills
Cyber Security Analysts	Security Information and Event Management, Incident Response, Cybersecurity.
Platform Engineer	Terraform, Amazon Web Services (AWS), Continuous Integration and Continuous Delivery (CI/CD).
Integration Engineer	IT Integration, Amazon Web Services (AWS), Python |.
Cyber Security Analysts	Security Information and Event Management, Incident Response, Cybersecurity.
Platform Engineer	Terraform, Amazon Web Services (AWS), Continuous Integration and Continuous Delivery (CI/CD).
Integration Engineer	IT Integration, Amazon Web Services (AWS), Python |.

India[3]

Career	Desired skills
Sales Development Representative	Lead Generation, Cold Calling, Inside Sales.
Cyber Security	SQL, Consulting, Core Java.
Software and Technology	Quantitative Finance, Algorithmic Trading, Python (Programming Language).

1 NTP Technology Salary Guide 2023-2024. 2 LinkedIn Jobs on the Rise 2024: 25 Australian in-demand roles. 3 LinkedIn Jobs on the Rise 2024: The 25 most in-demand roles in India.

China[3]

Career	Desired skills
Data Analyst	Basic math statistics, Excel, SQL, Python/R.
Data Mining Engineer	Data mining algorithms, SQL, Python/R/Java.
Big Data Developer	Java/Python/C++/Scala, Linux/Unix systems.
Big Data Architect	Distributed systems, Linux/Unix, Hadoop, Spark, Yarn, HBase, Hive, Pig.
Big Data Operations Engineer	Linux/Unix, shell scripting, Java.
Data Visualisation Engineer	Front-end frameworks, HTML/CSS/JavaScript, ECharts, Highcharts, D3.js.
Database Administrator	Linux/Unix, MySQL, SQL.
Data Operations Manager	Math statistics, operational methods, SQL.
Data Product Manager	Axure, Visio, Mindmanager, Project, PPT, BI, SQL, product planning, requirements docs.
Data Project Manager	Project management tools, PMP certification.
Cloud Computing Engineer	Cloud technologies, virtualization, system integration, and security.

Middle East, Africa[4]

Career	Desired skills
Information Systems Analyst	Systems analysis, information technology, business analysis.
Building Information Modelling (BIM) Coordinator	Navisworks, Revit, Synchro.
Interface Specialist	User interface design, user experience design (UED), user experience (UX).
Building Information Modelling Architect	Navisworks, Revit, architectural drawings.
Back-end Developer	REST APIs, back-end web development, microservices.
Front-end Developer	React.js, Redux.js, React Native.
Product Designer	Wireframing, Interaction design, prototyping.

Southeast Asia[5]

Career	Desired skills
Cloud Engineer	Amazon Web Services (AWS), Microsoft Azure, Terraform.
Data Science Specialist	Data Science, Python (Programming Language), Machine Learning.
Growth Manager	Growth Hacking, Digital Marketing, Google Analytics.
Software Quality Assurance Tester	Manual Testing, Software Quality Assurance, Software Testing.
Building Information Modelling (BIM) Technician	Building Information Modelling (BIM), Revit, Navisworks.
Machine Learning Engineer	Machine Learning, TensorFlow, Computer Vision.
Devops Engineer	Kubernetes, Docker Products, DevOps.
Insights Analysts	Microsoft Power BI, Business Insights, Data Visualization.
Anti-money Laundering Analyst	KYC Verification, Anti-Money Laundering, Due Diligence.
Data Engineer	Data Engineering, Load (ETL), Python (Programming Language).
Security Operations Centre Analyst	Security Information and Event Management (SIEM), Security Operations Centre, Cybersecurity.
Product Owner	Agile Methodologies, Scrum, Product Management.

4 China's Ministry of Human Resources and Social Security. 5 LinkedIn Jobs on the Rise 2024: 15 (Saudi and UAE) roles that are growing in demand.
6 LinkedIn Jobs on the Rise 2024: 15 (Southeast Asia) roles that are growing in demand.

Build your career

Recognising the rapidly changing environment our students will enter upon graduation, our education experience will prioritise developing life-ready graduates who are community-minded, resilient, and work-ready.

Post-study work opportunities

are available in Australia after successful completion of study[1]

Career Connect

Career Connect is designed to help you build the essential knowledge, skills and experience that you need for the world of work. You will learn how to develop employability skills and how to communicate your value.

Scan to learn more about our Career Connect service.

Careers Service

Whether it is career counselling, finding job opportunities, job application assistance or interview preparation, the University's Careers Service is here to help. You can also take advantage of CareerHub online, where employers post opportunities for graduate employment, part-time experience, and paid internships. Our Employability Consultants help you keep your career plans on track and your skills up to date.

Develop practical skills

Industry work experience is not the only way you will gain practical skill. Access state-of-the-art facilities, simulation labs, virtual reality technology and work on real-world projects while you study.

Clubs and societies

Get involved with the clubs and societies across our campuses and develop your interpersonal and teamwork skills to stand out from other job candidates.

Connect with industry

There are so many ways to connect with industry and expand your networks while you study. Attend career exhibitions and industry events and meet graduate recruiters to help you transition into the professional world. Access networking opportunities such as iLEAD and make use of the University's strong partnerships with industry. Tap into the University's global alumni network and build relationships to elevate your career.

Part-time work opportunities

Jobs on campus

Working at the University is a great way to earn money and develop your employability skills in a professional workplace. The Jobs on Campus page on the University website advertises a wide range of paid roles throughout the year.

Finding work in Australia

The Finding Work in Australia program is aimed at supporting international students to develop self-awareness, identify opportunities and improve their employability in the Australian market.

"The combination of hands-on work experience and the exceptional support from Career Services was crucial in preparing me for my future career. They played a key role in helping me secure my job and equipping me with the knowledge and confidence needed to successfully navigate the job landscape."

Suzzwal, Nepal
Bachelor Software Engineering (Honours)

1 Department of Home Affairs 2023.

International scholarships

We are proud to offer both affordable tuition fees alongside competitive scholarships to support students in their studies. Scholarships can reduce the cost of tuition making the University of Newcastle one of the more affordable options to study in Australia.

Find out more about scholarships.

20% Scholarship tuition fee waiver*

International Excellence Scholarship

International Excellence Scholarship The International Excellence Scholarship* celebrates academic excellence and supports your journey to success with ongoing financial assistance.

The scholarship is awarded annually, based on 20% of the gross international tuition fee, and is calculated per course under a standard full-time study load (80 units), with the unit value varying depending on your specific program.

"It's really comforting to know that you don't have to pay your full tuition. I could use that money for my living expenses or other expenses that I have"

Jeny, India
Master of Information Technology (MIT)

*See full terms and conditions on the scholarship webpage.

Role Salary Average

Median salaries for information and cyber technology roles in Australia are competitive, reflecting the high demand and specialised skills required in the industry.

Data Analytics and Data Science

Role	Salary Average ($AUD min-max)[1]
Database Administrator	$80,000 - $120,000
BI Developer/Analyst	$90,000 - $130,000
Data Analyst	$90,000 - $130,000
Data Architect	$150,000 - $180,000
Head of Data	$180,000 - $240,000
Machine Learning Engineer	$100,000 - $160,000
Data Engineering Manager	$160,000 - $200,000

Cloud Engineering and DevOps

Role	Salary Average ($AUD min-max)[1]
QA Engineer	$90,000 - $120,000
BI Developer/Analyst	$110,000 - $140,000
QA/Test Manager	$120,000 - $160,000
Test Analyst	$80,000 - $110,000
Senior Test Analyst	$110,000 - $130,000

Cyber Security

Role	Salary Average ($AUD min-max)[1]
QA Engineer	$90,000 - $120,000
BI Developer/Analyst	$110,000 - $140,000
QA/Test Manager	$120,000 - $160,000
Test Analyst	$80,000 - $110,000
Senior Test Analyst	$110,000 - $130,000

Mechatronics, Software and Computer Systems

Role	Salary Average ($AUD min-max)[1]
Systems Engineer	$104,156[1]
Computer Engineer	$105,092[1]
Machine Learning Engineering	$90,428[1]
Robotics Engineer	$125,528[1]
Mechatronic Engineer	$125,528[1]
Site Reliability Engineer	$160,784[1]

1 NTP Technology Salary Guide 2023-2024 (Newcastle, Wollongong and Regional).
Salary figures were accurate at the time of publication. Actual compensation may vary based on role, location, and market conditions.

Projects and Change

Role	Salary Average ($AUD min-max)[1]
Agile Coach	$120,000 - $150,000
Business Analyst	$100,000 - $140,000
Change Analyst	$100,000 - $120,000
Change Manager	$130,000 - $170,000
Delivery Lead/Manager	$150,000 - $200,000
Head of PMO	$170,000 - $250,000
Project Coordinator	$70,000 - $90,000
Portfolio Manager	$160,000 - $200,000
Program Manager	$160,000 - $200,000
Project Manager	$110,000 - $140,000
Senior Project Manager	$140,000 - $180,000
Systems Analyst	$100,000 - $130,000
Technical Business Analyst	$120,000 - $140,000

Product and Design

Role	Salary Average ($AUD min-max)[1]
Digital Producer	$70,000 - $110,000
Digital Designer	$80,000 - $110,000
Senior Digital Designer	$110,000 - $130,000
SEO/SEM Expert	$70,000 - $100,000
UI Designer	$80,000 - $110,000
Senior UI Designer	$110,000 - $140,000
UX Designer	$90,000 - $120,000
Senior UX Designer	$120,000 - $150,000
Lead UX Designer	$160,000 - $180,000
Product Designer	$90,000 - $120,000
Senior Product Designer	$120,000 - $160,000
Lead Product Designer	$160,000 - $180,000

QA and Testing

Role	Salary Average ($AUD min-max)[1]
QA Engineer	$90,000 - $120,000
Senior QA Engineer	$110,000 - $140,000
QA/Test Manager	$120,000 - $160,000
Test Analyst	$80,000 - $110,000
Senior Test Analyst	$110,000 - $130,000

Senior Leadership

Role	Salary Average ($AUD min-max)[1]
Chief Information Officer	$200,000 - $400,000
Chief Technology Officer	$180,000 - $250,000
Chief Information Security Officer	$180,000 - $250,000
Chief Operating Officer (Tech)	$180,000 - $230,000
General Manager IT	$180,000 - $230,000
IT Operations Manager	$130,000 - $160,000
Service Delivery Manager	$130,000 - $50,000
IT Manager	$120,000 - $150,000

Software Development and Engineering

Role	Salary Average ($AUD min-max)[1]
.NET/Java (Mid/Senior)	$90,000 - $160,000
Frontend (Mid/Senior)	$90,000 - $160,000
Full Stack Developer (Mid/Senior)	$90,000 - $160,000
Golang Developer (Mid/Senior)	$90,000 - $160,000
Mobile (Mid/Senior)	$80,000 - $160,000
Tech Lead	$150,000 - $180,000
Python Developer	$80,000 - $160,000
Salesforce Developer	$100,000 - $160,000
Scrum Master	$120,000 - $150,000
Wordpress Developer	$60,000 - $120,000

1 NTP Technology Salary Guide 2023-2024 (Newcastle, Wollongong and Regional).
Salary figures were accurate at the time of publication. Actual compensation may vary based on role, location, and market conditions.

Degrees to help you reach your full potential

Visit this study area

At the University of Newcastle, our degrees in information technology and computer science are designed to give you the knowledge and understanding needed for your future career, equip you with the in-demand skills to make you more employable and create opportunities for you to apply these in real-world settings with experts from our region.

Rohit, Nepal
Master of Information Technology

Bachelor of Information Technology

CRICOS code	044439E
Duration	3 years full-time
Location	Newcastle – Callaghan
Indicative annual fee	2026 A$43,940 2027 A$46,137
IELTS	IELTS overall minimum – 6.0 IELTS section minimum – 6.0
Intake	S1, S2

Course overview

Information technology is all about the application of technology to solve business, organisational, or societal problems. We prepare graduates to be technically savvy, creative, and flexible. Our information technology degree is designed to meet industry's evolving IT needs. Develop your skills in programming, AI, cyber security, and cloud computing.

Professional recognition

Accredited by the Australian Computer Society.

Learn more ›

Master of Cyber Security

CRICOS code	0100135
Duration	2 years full-time Accelerated options available
Locations	Newcastle – Callaghan Online
Indicative annual fee	2026 A$48,150 2027 A$50,558
IELTS	IELTS overall minimum – 6.5 IELTS section minimum – 6.0
Intake	S1, S2

Course overview

This program provides an open path to cyber security for individuals from diverse backgrounds. You will develop a holistic understanding of security measures, encompassing network, system, and foundational theories. Gain insights into cyber systems and infrastructures, and their applications.

Learn more ›

Master of Data Science and Artificial Intelligence

CRICOS code	116512A
Duration	2 years full-time Accelerated options available
Locations	Newcastle – Callaghan Online
Indicative annual fee	2026 A$46,550 2027 A$48,878
IELTS	IELTS overall minimum – 6.5 IELTS section minimum – 6.0
Intake	S1, S2

Course overview

This program puts you at the forefront of the dynamic field of AI. Whether you want to enhance your current career or switch to a new path, this program prepares you for success.

Learn more ›

Master of Information Technology

CRICOS code	083517F
Duration	2 years full-time
Locations	Newcastle – Callaghan Online Sydney
Indicative annual fee	2026 A$47,600 2027 A$49,980
IELTS	IELTS overall minimum – 6.5 IELTS section minimum – 6.0
Intake	T1, T2, T3

Course overview

This program is a broad, flexible and technical degree. It offers exciting and diverse career opportunities and challenges. This program provides foundational IT skills for entrants with limited IT experience. It is also suited to experienced IT professionals wanting to enhance their skills.

Learn more ›

For a full list of Engineering degrees, combined degree options and programs offering end on honours **see page 18.**

Computing, Maths and Technology	CRICOS	Duration (Years, semesters or trimesters)	Location	Intakes	IELTS Overall Minimum / Section Minimum	2026 indicative annual fee A$	2027 indicative annual fee A$
Undergraduate programs							
Bachelor of Computer Science	001604G	3 years	N	S1, S2	6.0/6.0	**$43,920**	**$46,116**
Bachelor of Computer Systems Engineering (Honours) / Bachelor of Computer Science	111306C	5 years	N	S1	6.0/6.0	**$45,075**	**$47,329**
Bachelor of Computer Systems Engineering (Honours) / Bachelor of Mathematics	111307B	5 years	N	S1	6.0/6.0	**$44,835**	**$47,077**
Bachelor of Information Technology>	044439E	3 years	N	S1, S2	6.0/6.0	**$43,940**	**$46,137**
Bachelor of Information Technology / Bachelor of Business	072216K	4 years	N	S1, S2	6.0/6.0	**$42,560**	**$44,688**
Bachelor of Mathematics*	001608D	3 years	N	S1, S2	6.0/6.0	**$44,650**	**$46,883**
Bachelor of Mathematics (Advanced)	0100472	3 years	N	S1	6.0/6.0	**$43,760**	**$45,948**
Bachelor of Mathematics / Bachelor of Science	098541E	4 years	N	S1, S2	6.0/6.0	**$45,395**	**$47,665**
Postgraduate programs							
Graduate Certificate in Information Technology	096443A	2 trimesters	N, S	T1, T3	6.5/6.0	**$23,480**	**$24,654**
Master of Cyber Security#	0100135	4 semesters	N	S1, S2	6.5/6.0	**$48,150**	**$50,558**
Master of Data Science and Artificial Intelligence	116512A	4 semesters	N	S1	6.5/6.0	**$46,550**	**$48,878**
Master of Information Technology (MIT)>•	083517F	6 trimesters	N, S	T1, T2, T3	6.5/6.0	**$47,600**	**$49,980**

KEY FOR LOCATIONS

NC Newcastle – City
N Newcastle – Callaghan
CC Central Coast – Ourimbah
G Central Coast – Gosford
S Sydney

KEY FOR INTAKES

S1 Semester 1
S2 Semester 2
T1 Trimester 1
T2 Trimester 2
T3 Trimester 3
MID Midyear Session

\# Accelerated degree options available based on individual student backgrounds.
• This program is an honours only program. Please visit the University website for admission requirements.
* End-on Honours is a separate and additional year of study following the completion of a bachelor degree. This is a very different experience to the earlier years of study. There are fewer formal classes and more individual work. Honours can be course work based, research based, or a combination of the two. Admission requirements for End-On Honours vary by program, but often require a minimum GPA.
> Depending upon admission qualification - duration of program will alter.

How to apply

Apply early to secure your place. Late applications will be deferred to the next available intake. Start your journey at the University of Newcastle in just a few easy steps. Scan the QR code to find out more.

1 Find your agent

The University of Newcastle has a list of education agents that are located around the world and are able to assist you with your application.

Students from some regions are required to lodge their applications via education agents as direct applications will not be accepted.

2 Program handbook

Check out the program handbook for your preferred degree.

3 Review what you need to apply

4 Check key dates

5 Register on the portal and complete the online form.

If applying without an agent, upload coloured copies of all supporting documentation.

6 Assessment

Your application will be assessed to determine if you meet the academic, English proficiency and any other relevant requirements for admission to the University and your desired program.

7 Outcome

You will be notified of the outcome of your application via email. If your application is successful, you will receive an offer letter from the University.

Conditional offer letter – upload the outstanding documents on the action item to meet the conditions of your offer.

8 Accept your offer

Log in to the portal to accept your offer, upload your signed acceptance form, and pay the deposit using the link provided in your offer letter.

9 Receive your CoE

You will receive an email confirming your acceptance, along with instructions to activate your student account. This email will also include your Confirmation of Enrolment (CoE), which you will need to apply for your student visa.

10 Apply for your visa

Newcastle Callaghan Campus

University Drive,
Callaghan NSW 2308

Newcastle City Campus

NUspace

Corner Hunter and
Auckland Streets,
Newcastle NSW 2300

Q Building

16B Honeysuckle Drive,
Newcastle NSW 2300

Conservatorium of Music

Corner Auckland and
Laman Streets,
Newcastle NSW 2300

Central Coast Campus

Ourimbah

Chittaway Road,
Ourimbah NSW 2258

Gosford Hospital

77 Holden Street,
Gosford NSW 2250

Gosford Central

305 Mann Street,
Gosford NSW 2250

Sydney City Campus

55 Elizabeth Street,
Sydney NSW 2000

Singapore Campus

#13-01/02
National Library Building
Singapore 188064

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