At Western, we believe in a world of unlimited opportunity, where the potential for success is unlimited for those with talent, drive and ambition.
MISSION

Our mission is to be a university of international standing and outlook, achieving excellence through scholarship, teaching, learning, research and service to local and international communities, beginning with the people of Greater Western Sydney.

KEY FOCUS AREAS

- A distinctively student-centred university
- A research-led university with regional, national and global impact
- A research-informed learning experience
- An expanding international reach and reputation
- An anchor institution and leading advocate and champion for Greater Western Sydney and its people
- A dynamic and innovative culture that secures success
Western Sydney University is a world-class university with international reach and a reputation for academic excellence and impact-driven research.
Located in Western Sydney, one of the fastest growing regions in Australia, Western Sydney is home to a vibrant and diverse community of staff and students.

STUDENTS

INTERNATIONAL AND DOMESTIC STUDENT COMPOSITION

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Total Students</th>
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<tbody>
<tr>
<td>15%</td>
<td>45,000</td>
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ALUMNI

<table>
<thead>
<tr>
<th>Graduates</th>
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<tbody>
<tr>
<td>180,000+</td>
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SCHOOLS

→ School of Business
→ School of Computing, Engineering and Mathematics
→ School of Education
→ School of Humanities and Communication Arts
→ School of Law
→ School of Medicine
→ School of Nursing and Midwifery

STUDY AREAS

→ Architecture
→ Arts and Humanities
→ Business
→ Computing, Information and Communications Technology
→ Construction Management
→ Creative Industries
→ Criminology and Policing
→ Cyber Security and Behaviour
→ Data Science
→ Engineering
→ Health and Sport Sciences
→ Industrial Design
→ Law
→ Medicine
→ Nursing and Midwifery
→ Psychology
→ Research Studies
→ Sciences
→ Social Sciences
→ Teaching and Education
→ TESOL, Interpreting and Translation
→ Therapeutic Studies and Counselling
→ Tourism and Urban Planning

EDUCATION PARTNERS

→ Western Sydney University The College (English, Foundation Studies and Diploma Pathways)
→ Western Sydney University International College (Foundation Studies and Diploma Pathways)
→ Western Sydney University Sydney City Campus (courses are delivered on behalf of Western Sydney University by SIBT)

WELCOME TO WESTERN SYDNEY UNIVERSITY

Western Sydney University is embarking on a large-scale transformative program that will bring the highest quality educational opportunities and research expertise to the world.

Our vertical campuses in Western Sydney, the heart of Australia’s fastest growing region, offer technology-rich teaching and research spaces, deliver enhanced student learning experiences, and provide links to businesses.

As a world-class university, we are expanding international collaborations and strengthening our reputation for excellence.

I invite you to join the University’s global knowledge network.

Professor Barney Glover FTSE FRSN MAICD
Vice-Chancellor and President
PREPARING OUR STUDENTS TO BE GLOBAL CITIZENS

We are unlocking the potential of the next generation of global citizens, leaders and change makers.

→ OUR LOCATION IN WESTERN SYDNEY PROVIDES GLOBAL OPPORTUNITIES
The University is located in the heart of Western Sydney, the fastest growing and most dynamic area in the country. With a large multicultural population of more than two million people from 170 nations, we are ideally placed to give students global perspective and opportunity.

→ OUR CURRICULUM PREPARES STUDENTS FOR TODAY’S WORLD
We work with our community, business partners and industry leaders to develop course content that meets the needs of employers and the jobs of the future, and which responds to the challenges of a global workplace.

→ STUDENTS ARE CONNECTED TO INDUSTRY
Our student-centred approach offers students the choice of on-campus and flexible study options combined with work-integrated learning. Through work experience placements, internships and volunteering opportunities, students get the real-life experience, practical skills and knowledge that they need for their future career.

→ WE ARE GLOBALLY FOCUSED AND CONNECTED
With our growing international reach and reputation, we offer the opportunity to travel, learn and work in more than 400 destinations around the world through our Global Mobility, internship and work placement programs.

→ OUR STUDENTS ARE AT THE HEART OF EVERYTHING WE DO
We treat our students as partners in their education. Staff work collaboratively with students to share ideas and develop their creativity through a range of degrees.

→ WE SUPPORT STUDENTS THROUGH SCHOLARSHIPS
We are changing the lives of students through generous scholarships to ensure students have every opportunity to succeed.

→ ADVANCED OPPORTUNITY. UNLIMITED SUCCESS
New study options, pathway programs and support services provide students access to a broad range of high-quality undergraduate and postgraduate opportunities for academic success.
OUR RESEARCH HAS GLOBAL IMPACT

We work with regional, national and international partners to deliver research outcomes that contribute to the economic, social and environmental wellbeing across communities and across the globe.

- **RESEARCH WITH IMPACT**
  Health effects of overweight and obesity in 195 countries over 25 years*
  Journal: New England Journal of Medicine
  Published: 2017
  More details at: [www.altmetric.com/details/20969637](http://www.altmetric.com/details/20969637) (as of 17 May 2018)

- **RESEARCH OUTPUT BY SUBJECT**
  IN THE 2017 NATURE INDEX
  - Physical Sciences: 25
  - Chemistry: 18
  - Life Sciences: 14
  - Earth & Environment Sciences: 8

- **TOP 5 INTERNATIONAL COLLABORATORS**
  based on co-authorship for 2013-2017 in Scopus-indexed publications
  Number of papers
  1. University of Minnesota (UMN), USA
  2. CNRS Centre National de la Recherche Scientifique, France
  3. Chinese Academy of Sciences, China
  4. University of Oxford, UK
  5. Imperial College, UK

- **HIGHER DEGREES BY RESEARCH COMPLETED IN LAST 5 YEARS**
GLOBAL RANKINGS

- Top 2 in Australia
- 96th in the world

RESEARCH EXCELLENCE

- Hawkesbury Institute for the Environment
- The MARCS Institute for Brain, Behaviour and Development
- Institute for Culture and Society
- NICM Health Research Institute
- Translational Health Research Institute
- Australia-China Institute for Arts and Culture

EXCELLENCE IN RESEARCH FOR AUSTRALIA (ERA) NATIONAL REPORT

DISCIPLINES ABOVE WORLD STANDARD

- Applied Mathematics
- Ecological Applications
- Soil Sciences
- Ecology
- Plant Biology
- Forestry Sciences
- Materials Engineering
- Complementary and Alternative Medicines
- Oncology and Carchogenesis
- Pharmacology and Pharmaceuticals Sciences
- Cultural Studies

KEY RESEARCH THEMES

URBAN LIVING FUTURES AND SOCIETY

- People, culture, economy and built environment
- Social relationships
- Digital disruption
- Infrastructure development
- Changes to the built environment
- Connections between key fields such as health, economics, culture, engineering and technology.

HEALTH AND WELLBEING

- Translation, integration and innovation
- Explores progressive health initiatives.
- Prevention of disease and illness
- Encourage healthy lifestyles in individuals and communities
- Reduce the cost and impact of illness

EDUCATION AND WORK

- Access, equity and pathways
- Explores:
  - educational access and pathways to employment on a local and global scale
  - educational practices that support individuals and communities to achieve their economic, social and cultural aspirations.

ENVIRONMENTAL SUSTAINABILITY

- Climate, agriculture and liveability
- Explores innovative responses to:
  - the challenges of food and water security
  - effective resource management
  - sustainable cities and climate action.

The Research Engagement, Development and Innovation (REDI) Business team connects business, government and the community with Western Sydney University by establishing external linkages and identifying partnership opportunities for commercial research, professional consultancy, commercialisation opportunities, access to intellectual property and expertise, and to the University’s cutting-edge research facilities.

westernsydney.edu.au/redi
SUSTAINABLE FARMING FOR THE FUTURE

Innovative research is helping the world’s farmers increase their yield.

→ Indian farmers are sustainably managing groundwater use and changing water intensive farming practices
→ Sri Lankan farmers use real-time information about the demand for suitable crops to lift incomes
→ Cambodian farmers doubled rice production over six years
EXPLORING MRI AT A DEEPER LEVEL

There are 14 million new cancer cases world-wide each year. New MRI diagnostic tools could perform ‘virtual biopsies’, enabling non-invasive early detection and treatment of primary tumours – and save lives.

MAKING THE CLASSROOM A LEVEL PLAYING FIELD

Our education experts developed new approaches to early childhood education in underprivileged communities in Chile and Australia. Researchers advised Chilean government education policy, and, in Australia, a teacher mentoring program showed significant advances in child learning.

TUBERCULOSIS MODELLERS SAVING LIVES

A supercomputer experiment, using advances in maths and genomics, modelled antibiotic-resistant tuberculosis transmission to help save lives.

CANCER PATIENTS’ OPTIONS IMPROVE

Better tolerated drugs are improving the quality of life and increasing survival rates of patients with incurable forms of prostate and kidney cancer.

BENEFITS FLOW FROM WATER RESEARCH

Protecting communities from floods and preventing drinking water contamination are complex and costly global challenges. Two Western researchers have taken their childhood experiences in Sri Lanka and Bangladesh and formed research teams to address these challenges.

Growing up in Bangladesh, Ataur Rahman knew well the devastation caused by flooding. Decades later, his research on flood risk has changed the practice of flood estimation in Australia.

A childhood concern for people having trouble sourcing quality water in Sri Lanka led Professor Sathaa Sathasivan to develop a disinfectant technology for treating drinking water.
Located in the heart of one of Australia’s fastest growing economic regions, the University is ideally placed to provide students in Western Sydney and beyond with a global perspective and unlimited opportunity for success.

Over the next decade, the University will optimise its alignment with the growth of Western Sydney by establishing state-of-the-art learning, teaching and research facilities in the region’s key CBDs and growth centres.

This transformation aligns the University with the needs of the contemporary student and those of the modern workforce. Embedding Western Sydney University campuses in the central business districts of the Western Sydney region enables the University to build meaningful connections and knowledge sharing with business and industry, to provide unique learning and job opportunities for current and future students.

LAUNCH PAD – TECHNOLOGY BUSINESS INCUBATOR

Western Sydney University Launch Pad is a one-stop-shop business and innovation support program that provides facilities, assistance and resources for start-up and high growth technology-based businesses in Western Sydney. Entrepreneurs tap into the University’s expertise to develop new solutions and business opportunities, and students tap into the accelerator to access mentoring, meeting spaces, events, networking and training.

WESTERN SYDNEY IS AT THE EPICENTRE OF THE INFRASTRUCTURE AND JOBS BOOM

Western Sydney University graduates will reap the benefits of a population boom and jobs explosion, fuelling unprecedented investment in business, transport, health, culture, property and education in Western Sydney. Over 30 per cent of Australia’s top 100 businesses now have an office in Western Sydney. They are in engineering consulting, public amenities, healthcare, manufacturing, finance, scientific, retail and public administration. For example, PwC has located 200 staff in the Western Sydney University Parramatta City campus.

Western Sydney University is uniquely placed to help students gain the real-life experience, practical skills and knowledge they need for their future careers in the new world of work. We equip students to lead, influence, build, support and service the new-age future cities.

The University has established a rich portfolio of international partnerships to support innovation, research and education priorities.
GLOBAL KNOWLEDGE NETWORK

Our global network includes partnerships with overseas universities and key government agencies, collaborations in research, articulation pathways, and engagement with global industry.

INTERNATIONAL ENGAGEMENT

Western Sydney University supports a wide network of strategic relationships and collaborations to advance research, teaching and innovation.

The University also offers tailored short capacity building programs which provide professionals, government personnel, teaching staff and students with an unrivalled experience of the University’s academic, social and cultural offerings. These have included delivery of Capacity Building and Professional Development Programs to Bangladeshi judicial staff, Indonesian academics and professional staff, Chinese teaching staff, as well as a variety of programs for students from America, Taiwan, Vietnam, Japan and India.

The University also supports commercial initiatives and provides continuing and professional education opportunities.

LEARN MORE
westernsydney.edu.au/international/partnerships
We adopt new and emerging technologies to provide a richer educational experience. Innovative social learning spaces, online learning environments, digital technologies, state-of-the-art library, research and clinical facilities enhance the study experience.

**LEARNING FACILITIES**
- Anatomy laboratories
- Animal Science facilities – including the Reptile House and Small Marsupial House
- Collaborative learning spaces
- Computing laboratories
- Engineering precinct
- English Test Centre (IELTS and Pearson Testing)
- Group study rooms with screen sharing and video conferencing
- High-quality, modern, technology-rich and highly-flexible spaces
- Industrial Design Centre
- Interactive, technology-enabled learning studios
- Launch Pad – Technology Business Incubator
- Moot courts
- Nursing clinical practice units
- Purpose built production studio, design and creative arts facility
- Solar Car and Formula SAE Racing Car projects
- The UniClinic, a state-of-the-art clinical training facility for health science students
- World-class music facilities

**LEADING RESEARCH FACILITIES**
- Advanced Manufacturing and 3D Print Hub
- Advanced Materials and Characterisation facilities
- Biomedical Magnetic Resonance facility
- Confocal Facilities
- Dedicated Crime Scene House
- Food Processing Pilot Plant
- Greenhouse Research Education Training Facility
- National Imaging Facilities
- Next Generation Gene Sequencing
- Mass Spectrometry Facilities
- Mechatronics and Robotics facility
- Psychology clinics and laboratories
- Secondary Ion Mass Spectrometer
- Six Star Green Star Science and Psychology facility
- Structural Engineering Lab – one of the most advanced structural labs in Australia
- Additional complementary facilities – through our relationships with other universities, hospitals, clinics and research institutions

**CAMPUSES**
We offer an outstanding range of undergraduate, postgraduate and research options across 10 campuses in Greater Western Sydney.

- Bankstown campus
- Campbelltown campus
- Hawkesbury campus
- Liverpool campus
- Nirimba campus
- Parramatta campus
- Parramatta City campus
- Penrith campus
- Sydney City campus
- Sydney Olympic Park campus

“Western Sydney University is in an extraordinary position to equip students for urban transformation happening all over the world. Whether students are in architecture, business, engineering, construction, IT, project management, property, education or health courses, their experience of living, studying and working at the centre of an infrastructure and jobs boom will give them a real head start in their careers.”

PROFESSOR SCOTT HOLMES, SENIOR DEPUTY VICE-CHANCELLOR, WESTERN SYDNEY UNIVERSITY