

## Vision

We are committed to excellence in our research, teaching, innovation and engagement in science and engineering. Our vision is to make significant and valued contributions in these areas as we address the opportunities and challenges of our times.

## Purpose

Our purpose is to:

- Create & sustain an outstanding, supportive & ethical environment where our students, staff & partners can learn, grow & achieve their aspirations
- Conduct research that makes important contributions to scientific knowledge & to the well-being & prosperity of individuals & societies
- Act as a catalyst to drive scientific & technological creativity, innovation & effective partnerships
- Promote & communicate the benefits of science & scientific methodologies
- Provide an enriched student learning experience through scholarship, engagement & employability



## Our values

As academic & professional colleagues we value:

- Generosity
- Enthusiasm
- Inclusivity
- Excellence
- Courage
- Integrity
- Diversity
- Awareness



## Our Faculty priorities

### Academic performance, people and quality

1. Improve research performance, quality & impact across all academic areas & research categories.
2. Increase the number, quality & employability of our HDR & undergraduate students & significantly lift the quality of incoming undergraduate students
3. Grow our capacity to conduct effective external collaborations & partnerships locally & globally including making best use of our proximity to Macquarie Park.
4. Provide a learning experience that produces graduates who are creative, innovative & adaptable, willing to take on challenges & learn from those experiences
5. Offer opportunities for academic & professional staff to develop academic, leadership & other skills – with a particular focus on women, minorities & STEM.
6. Develop successful collaborations & interactions within & between individual departments and Faculties.



### Support systems and infrastructure

7. Take advantage of new building programs, opportunities to create research infrastructure hubs & refurbishments to maximise innovation, research quality and connectivity.
8. Fix, renew and streamline key administration, data & support systems to release time for academics to focus on research & teaching.



## Research priorities

- Address the “big issues” of our times: such as securing the planet & innovative technologies
- Strengthen cross disciplinary research
- Maintain existing strengths & build unique strengths
- Grow identified areas of opportunity
- Build up the underpinning sciences



## Strategic Objectives

Our 6 objectives are supported by a number of initiatives & performance tracked by key measures. All Departments have prepared a strategic plan & an annual implementation plan:-

- A. To be recognised as one of the leading Science & Engineering Faculties in Australia & a respected peer regionally & globally.**
  - *Our ambition is to be amongst the leading Faculties in this country & overseas.*
- B. To attract, grow and support world class researchers & talented professional staff.**
  - *We recognise that we cannot achieve our vision without great people, both scientists & support staff.*
- C. To be the destination of choice for high ability students who share our values & are passionate about science & engineering.**
  - *The future of science is with our students. We are committed to attracting & supporting the best & ensuring they have a great experience at Macquarie.*
- D. To engage broadly, deeply & productively with industry, government & non-government bodies.**
  - *We are a University of service & engagement. These values & practices will define our relationship to industry.*
- E. To engage & collaborate closely with our communities, schools & other key stakeholders & strengthen our profile & reputation.**
  - *We seek active community & school partnerships.*
- F. To ensure we have the best possible infrastructure, administrative systems & processes.**
  - *Our systems & processes will be streamlined to minimise bureaucracy & maximise the time academics & staff spend on the things that matter.*