YOU TO THE POWER OF US
IS A CAMPUS BUILT FOR COLLABORATION

CAREERS ADVISERS AND TEACHERS DAY

YOU

us

When your potential is multiplied by a university built for collaboration, anything can be achieved.

MACQUARIE University

CRICOS Provider 00002J
Lisa Magnani
PROFESSOR AND HEAD OF THE DEPARTMENT ECONOMICS
We have asked ourselves some important questions:
HOW WILL PEOPLE WORK TOMORROW?
Interpreting Students’ Needs

(FROM FYA “THE NEW WORK ORDER” REPORT 2017,
HTTPS://WWW.FYA.ORG.AU/REPORT/THE-NEW-WORK-SMARTS/)
Interpreting our students’ current and future educational needs

- Workers will spend 30% more time learning on the job.
- Workers will spend almost 100% more time at work solving problems.
- Workers will spend 41% more time on critical thinking and judgment.
- Workers will spend 77% more time using science and mathematics skills.
- Workers will spend 17% more time per week using verbal communication and interpersonal skills.
- Workers will need to develop an entrepreneurial mindset due to:
  - 26% less management
  - 14% less organisational coordination
  - 10% less teaching
Interpreting our students’ current and future educational needs

Exhibit 7: In 2030, young people will need to be Smart Thinkers... who are problem solvers and communicators.

We will need to be smart thinkers:

- Problem solving: 12h per week, increase by 6h = 73 days per year
- Judgement & critical thinking: 15h per week, increase by 4h = 95 days per year
- Written communication: 15h per week, increase by 2h = 93 days per year
- Interpersonal: 7h per week, increase by 1h = 40 days per year
- Verbal communication: 7h per week, increase by 1h = 40 days per year
Jobs of the future?

A 2016 Study by the Business Council of Canada and AON Hewitt found the capabilities companies are looking for in mid-level candidates are as follows (in order of importance):

- Leadership skills
- People skills/relationship building
- Collaboration/teamwork skills
- Industry specific knowledge and experience
- Problem solver skills
- Communication skills
- Creative/innovative thinking
- Functional knowledge
- Analytical capabilities
- Project management skills
- Technological literacy
- Sales skills
Why study at Macquarie?

• **5 stars** in all QS categories (Teaching, employability, research, internationalisation, facilities, innovation, access and specialist subjects)
• Located in the heart of Macquarie Innovation Park District (MPID)
• More than **300 global companies** on campus or in the Macquarie Park high-tech precinct

Quality Indicators for Learning and Teaching (QUILT) University comparison

• **89.1% overall employment** – compared to UNSW (89.0%), USYD (87.3%), UTS (88.8%) and WSU (85.6%)
• **75.3% overall quality of educational experience** – compared to UNSW (71.8%), USYD (70.3%), UTS (73.9%) and WSU (75.4%)
• **76.2% teaching quality** – compared to UNSW (71.7%), USYD (73.9%), UTS (74.8%) and WSU (75.1%)
University comparison

- Overall employment
- Overall quality of educational experience
- Teaching quality

Macquarie University
University of New South Wales
The University of Sydney
University of Technology Sydney
Western Sydney University
How does Macquarie University differentiate from other Universities in Australia?

WHAT ARE THE DIFFERENTIATORS?

- PROGRAMMES
- LOCATION
- RESEARCH
- VALUES
- PARTNERSHIPS
- INTERNATIONAL
- TEACHING
- LINKS
- OUTCOMES
- HISTORY
- PRICE

- STAFF
- AUDIENCE
- PARENT
- ALUMNI
- DELIVERY
- DESIGN
- RANKINGS
Point of differentiation no. 1: programs are applied and engaged

WHAT DOES “APPLIED” MEAN?

APPLIED: The keyword to understand how our programs are different from programs in other Universities is to take the word “applied” seriously. We aim to emphasize the applied nature of the economics taught in this program through the CAPSTONE/PACE UNIT, BUT also through the inclusion of “applied” and PACE-like moments in each unit.

APPLIED = an emphasis on how models help our understanding of societal problems. This means attention to differences across models and how they fare in the face of evidence-based tests;

APPLIED = an emphasis on connection with external stakeholders via PACE units/modes of delivery/engagement with external stakeholders

APPLIED = engaged with contemporary societal challenges (Health, Environment, Urban development, Psyc).

APPLIED = CROSS-DISCIPLINARY approach to equip our graduates with the ability to work in teams.

APPLIED: POLICY ATTENTIVE or attentive to the complex regulatory environment where economic agents operate needs to be understood and properly discussed as part of Econ applications.
Point of differentiation no. 2: our teaching is connected

WHAT DOES “CONNECTED” MEAN?
Point of differentiation no. 3: our partners genuinely engage with us and with our students

WHAT DOES “ENGAGED” MEAN?

1. We have 229 PACE (Professional and Community Engagement) units with industry partners. They offer work placements with organisations such as Optus, KPMG, Deloitte, GlaxoSmithKline, Konica Minolta, RBA and PwC.

2. You’ll be supported throughout your study with our BE Successful program. This includes mentoring, academic assistance, career workshops and online preparation activities.

3. Our new Industry Engagement Finance Lab is a collaborative learning space where you’ll create and share knowledge, and solve real problems using real-time data.
A great example of engaged and connected programs:

**COOP PROGRAMS**

<table>
<thead>
<tr>
<th>BACHELOR OF ACTUARIAL STUDIES/ BACHELOR OF PROFESSIONAL PRACTICE</th>
<th>BACHELOR OF COMMERCE-PROFESSIONAL ACCOUNTING/ BACHELOR OF PROFESSIONAL PRACTICE</th>
</tr>
</thead>
</table>

**ACTUARIAL STUDIES**
- Minimum selection rank **98.5** (encouraged to apply if expecting >97.5)
- Mathematics Extension 2 is desirable
- Scholarship: $18,200pa for 4 years

**ACCOUNTING**
- Minimum selection rank **95** (encouraged to apply if expecting >90)
- Mathematics is desirable
- Placements paid at market rates

**PROGRAM AND APPLICATIONS**
- Three placements totalling 15 months
- Combined degree in 4 years
- Video application + interview (apply by 28 Sept 2018)

**Successful candidates**
- Are active in school and/or community activities
- Can articulate interest in the discipline and Co-op
- Have exceptional communication, teamwork and leadership skills

Photo credit: Joanne Stephan
Point of differentiation no. 4: we design programs so to establish links because the world’s challenges are linked to each other.
Economics at Macquarie University breaks disciplinary sylos and build bridges to other disciplines

The Economics Metaphor: A TREE WITH A LEAN TRUNK AND STRONG CROSS-DISCIPLINARY BRANCHES;
Point of differentiation no. 5: our teaching programs are related to our research strengths

RESEARCH AND CRITICAL THINKING ARE OUR FOCI

A mapping of our research strengths provides opportunities for identifying suitable majors within our programs. Specifically:

• Health Economics and Policy
• Cultural and Media Economics and Policy
• Social Economics, Development and Policy
• Macroeconomic and Financial Stability and Policy
• Microeconomics and System theory
Point of differentiation no. 6: attention to our students’ values

GLOBAL LEADERSHIP ENTRY PROGRAM

Global Leadership ability

- Initiative through leadership and community service examples
- Contribution through active role and participation
- Reflection upon skills and learning

<Based on the Leadership and Service Assessment Rubric developed in conjunction with the Arts Faculty and used since 2016>

Academic ability

- Year 11 results average mark (Category A and B subjects)

<Same methodology used in assessing SRS’ academic component>
Point of differentiation no. 7: Programs are designed with an eye to outcomes
Economics at Macquarie prepares you for 21st century jobs

BECOME A HEALTH ECONOMIST
Economics at Macquarie prepares you for 21st century jobs

BECOME A FINANCIAL MARKET ANALYST
Economics at Macquarie prepares you for 21st century jobs
BECOME AN ECOLOGICAL/ENVIRONMENTAL ECONOMIST
Economics at Macquarie prepares you for 21st century jobs
BECOME AN ECONOMIST WHO WORKS AT THE INTERSECTION OF ECONOMICS AND CULTURAL EXPRESSIONS
The ECON program at Macquarie prepares you for…

<table>
<thead>
<tr>
<th>Citizenship</th>
<th>Business</th>
<th>Think Tank/Consulting firms</th>
<th>Public Sector Jobs</th>
<th>NGOs</th>
</tr>
</thead>
<tbody>
<tr>
<td>• How can I help my community?</td>
<td>• Take care of your own business by understanding: • Your market • Policy • The domestic and global outlook</td>
<td>• Learn how to approach economics issues and how they relate to social, environmental and policy challenges</td>
<td>• Learn how to: • Identify issues • Link them to ideas and debates • Analyse potential solutions • Propose policy initiative</td>
<td>• Learn how to: • Place issues in a crucial perspective • Place issues in a global perspective • Enjoy the “helicopter view” to social problems • Acquire a voice in current debates</td>
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</table>
Where are they now?

ELIZABETH AGBOOLA – GRADUATED 2016

Bachelor of Economics with Bachelor of Applied Finance

- PACE Internship – Investible
- PACE Internship – Car Next Door
- Exchange at Paris School of Business
- Global Leadership Program (GLP)
- First Step Mentoring Program
- Toyota Finance Australia – Graduate Program (2 year rotation)
Where are they now?

PHILIP PACZYNSKI – GRADUATED 2013

Bachelor of Business Administration with Bachelor of Arts (International Business)

- GLP (Global Leadership Program), PACE, First Step Mentoring
- HR Internship (PACE) – Beiersdorf
- HR Assistant – Beiersdorf (secured full-time position after internship)
- HR Associate – Macquarie Group
- Senior Associate, Human Resources – Macquarie Group
- HR Strategy and Diversity Specialist – Macquarie Group
Where are they now?
ELLE SCHIPPERS – GRADUATED 2013

Bachelor of Business Administration (Strategic Management)

- Assistant Store Manager – ALDI Store Australia
- Deputy Manager – ALDI Stores Australia
- Area Manager – ALDI Stores Australia
- Property Manager – ALDI Store Australia