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## 2017 ATAR CUT-OFFS

| BUSINESS (Page 10-13)                                | Years  | ATAR  | IB   |
|--|--------|-------|------|
| BAccounting  | 3F     | N/A*  | N/A* |
| B Business   | 3F     | 91.00 | 34   |
| B Business   | 6P     | 91.25 | 34   |
| B Management (Digital Creative Enterprise)           | 3F     | 85.20 | 31   |
| B Management (Events)                                | 3F     | 85.35 | 31   |
| B Management (Sport)                                 | 3F     | 85.20 | 31   |
| B Management (Tourism)                               | 3F     | 85.05 | 31   |
| B Economics  | 3F     | 86.00 | 31   |
| THE FOLLOWING COURSES CAN BE COMBINED:               |        |       |      |
| B Biotechnology, B Business                          | 4F     | 90.55 | 33   |
| B Business, BA International Studies                 | 5F     | 90.00 | 33   |
| B Business, B Creative Intelligence and Innovation   | 4F     | 97.85 | 40   |
| B Business, B Laws                                   | 5F     | 97.05 | 39   |
| B Business, B Science in Information Technology      | 4F     | 85.55 | 31   |
| B Economics, B Laws                                  | 5F     | 97.45 | 39   |
| B Engineering (Hons), B Business                     | 5F/10P | 89.95 | 33   |
| B Management, BA International Studies               | 5F     | 80.25 | 28   |
| B Management, B Creative Intelligence and Innovation | 4F     | 87.45 | 32   |
| B Medical Science, B Business                        | 4F     | 94.25 | 36   |
| B Science, B Business                                | 4F     | 85.90 | 31   |

<sup>\*</sup> This is a co-operative scholarship program. Selection is based on a combination of ATAR and an interview.

| COMMUNICATION (Page 14–17)  | Years | ATAR  | IB |
|---|-------|-------|----|
| B Communication (Creative Writing)  | 3F    | 72.15 | 25 |
| B Communication (Digital and Social Media)  | 3F    | 75.10 | 26 |
| B Communication (Journalism)  | 3F    | 83.85 | 30 |
| B Communication (Media Arts and Production)   | 3F    | 87.00 | 31 |
| B Communication (Public Communication)  | 3F    | 81.00 | 29 |
| B Communication (Social and Political Sciences)   | 3F    | 75.60 | 26 |
| B Music and Sound Design  | 3F    | 71.00 | 25 |
| THE FOLLOWING COURSES CAN BE COMBINED:  |       |       |    |
| B Communication (Creative Writing), BA International Studies                            | 5F    | 82.90 | 30 |
| B Communication (Creative Writing), B Creative Intelligence and Innovation              | 4F    | 87.70 | 32 |
| B Communication (Creative Writing), B Laws  | 5F    | 97.15 | 39 |
| B Communication (Digital and Social Media), BA International Studies                    | 5F    | 77.60 | 27 |
| B Communication (Digital and Social Media), B Creative Intelligence and Innovation      | 4F    | 93.20 | 35 |
| B Communication (Digital and Social Media), B Laws                                      | 5F    | 98.95 | 42 |
| B Communication (Journalism), BA International Studies                                  | 5F    | 85.05 | 31 |
| B Communication (Journalism), B Creative Intelligence and Innovation                    | 4F    | 90.05 | 33 |
| B Communication (Journalism), B Laws  | 5F    | 97.55 | 39 |
| B Communication (Media Arts and Production), BA International Studies                   | 5F    | 87.20 | 31 |
| B Communication (Media Arts and Production), B Creative Intelligence and Innovation     | 4F    | 94.30 | 36 |
| B Communication (Media Arts and Production), B Laws                                     | 5F    | 97.25 | 39 |
| B Communication (Public Communication), BA International Studies                        | 5F    | 84.65 | 30 |
| B Communication (Public Communication), B Creative Intelligence and Innovation          | 4F    | 93.25 | 35 |
| B Communication (Public Communication), B Laws  | 5F    | 97.55 | 39 |
| B Communication (Social and Political Sciences), BA International Studies               | 5F    | 81.75 | 29 |
| B Communication (Social and Political Sciences), B Creative Intelligence and Innovation | 4F    | 83.90 | 30 |
| B Communication (Social and Political Sciences), B Laws                                 | 5F    | 97.05 | 39 |
| B Music and Sound Design, BA International Studies                                      | 5F    | 75.30 | 26 |
| •   |       |       |    |

| DESIGN, ARCHITECTURE & BUILDING (Page 18–21)         | Years    | ATAR  | IE |
|--|----------|-------|----|
| B Construction Project Management                    | 4F/6P    | 91.45 | 34 |
| B Design in Animation                                | 3F       | 90.35 | 33 |
| B Design in Architecture                             | 3F/EqP   | 96.10 | 38 |
| B Design in Fashion and Textiles                     | 3F       | 93.70 | 36 |
| B Design in Integrated Product Design                | 3F       | 85.10 | 3′ |
| B Design in Interior and Spatial Design <sup>♦</sup> | 3F       | 85.00 | 3′ |
| B Design in Photography                              | 3F       | 80.00 | 28 |
| B Design in Visual Communication                     | 3F       | 93.20 | 35 |
| B Landscape Architecture                             | 4F       | 85.30 | 3′ |
| B Property Economics                                 | 3.5F/EqP | 83.00 | 30 |
| A This serves may be reported for 2010               |          |       |    |

<sup>♦</sup> This course may be renamed for 2018.

| DECION ADOLUTECTUDE & DUIL DING.  |        |       |    |
|---|--------|-------|----|
| DESIGN, ARCHITECTURE & BUILDING (Page 18–21)  | Years  | ATAR  | IB |
|   |        |       |    |
| THE FOLLOWING COURSES CAN BE COMBINED:  |        |       |    |
| B Construction Project Management, BA International Studies                                   | 4F     | 94.10 | 36 |
| B Design in Animation, B Creative Intelligence and Innovation                                 | 4F     | 98.90 | 41 |
| B Design in Animation, BA International Studies   | 5F     | 90.85 | 33 |
| B Design in Architecture, B Creative Intelligence and Innovation                              | 4F/EqP | 99.95 | 45 |
| B Design in Fashion and Textiles, BA International Studies                                    | 5F     | 95.25 | 37 |
| B Design in Fashion and Textiles, B Creative Intelligence and Innovation                      | 4F/EqP | 99.95 | 45 |
| B Design in Integrated Product Design, BA International Studies                               | 5F .   | 90.35 | 33 |
| B Design in Integrated Product Design, B Creative Intelligence and Innovation                 | 4F     | 95.35 | 37 |
| B Design in Interior and Spatial Design*, BA International Studies                            | 5F     | 93.70 | 36 |
| B Design in Interior and Spatial Design <sup>o</sup> , B Creative Intelligence and Innovation | 4F     | 90.50 | 33 |
| B Design in Photography, BA International Studies   | 5F     | 93.60 | 36 |
| B Design in Visual Communication, BA International Studies                                    | 5F     | 94.05 | 36 |
| B Design in Visual Communication, B Creative Intelligence and Innovation                      | 4F     | 96.95 | 39 |
| B Property Economics, BA International Studies  | 6F     | 92.10 | 34 |
| ♦ This course may be renamed for 2018   |        |       |    |

| EDUCATION (Page 22–24)  | Years  | AIAR  | IB |
|---|--------|-------|----|
| BA B Education  | 4F/6P  | 72.40 | 25 |
| THE FOLLOWING COURSES CAN BE COMBINED:  B Education, BA International Studies | 5F     | 73.95 | 26 |
| ENGINEERING (Page 25–29)  | Years  | ATAR  | IB |
| B Engineering (Hons), Diploma in Professional Engineering Practice            |        |       |    |
| General degree, no major  | 5F/10P | 82.05 | 29 |
| Biomedical major  | 5F/10P | 89.00 | 32 |
| Civil major   | 5F/10P | 87.90 | 32 |
| Civil (Construction) major  | 5F/10P | 87.25 | 31 |
| Civil and Environmental major*  | 5F/10P | 87.30 | 31 |
|   |        |       |    |

|   | Civil (Structures) major   | 5F/10P | 92.00 |     |
|---|--|--------|-------|-----|
| _ | Data major   | 5F/10P | 87.35 | (   |
| _ | Electrical major   | 5F/10P | 86.05 | (   |
| - | Environmental major^   | 5F/10P | 87.00 | . ; |
| - | Mechanical major Mechan | 5F/10P | 87.60 | ,   |
| _ | Mechatronic major  | 5F/10P | 87.10 |     |
| - | Mechanical and Mechatronic major*  | 5F/10P | 89.15 | ,   |
| - | Software major   | 5F/10P | 85.50 |     |
| - | THE FOLLOWING COURSES CAN BE COMBINED:   |        |       |     |
| - | B Engineering (Hons), BA International Studies**   | 5F     | 86.40 |     |
| - | B Engineering (Hons), B Business**   | 5F/10P | 89.95 | (   |
| - | B Engineering (Hons), B Creative Intelligence and Innovation   | 5F     | 94.75 | (   |
| - | B Engineering (Hons), B Medical Science**  | 5F/10P | 86.50 |     |
| - | B Engineering (Hons), B Science**  | 5F/10P | 82.00 |     |
| - | B Engineering Science, B Laws  | 5.5F   | 97.00 | ,   |
|   |  |        |       |     |

\* Major can't be combined with another degree.

^ Major or sub-major is currently under review and may change or discontinue in 2018.

\*\* Add an extra year to complete the Diploma in Professional Engineering Practice.

| HEALTH (Page 30–33)  | Years | ATAR  | IB   |
|--|-------|-------|------|
| B Health Science   | 3F    | 75.30 | 26   |
| B Health Science   | 6P    | 75.35 | 26   |
| B Midwifery  | 3F    | 96.05 | 38   |
| B Nursing  | 3F    | 84.20 | 30   |
| B Nursing  | 6P    | 95.15 | 37   |
| B Nursing Accelerated*   | 2F    | N/A*  | N/A* |
| B Sport and Exercise Management  | 3F    | 85.25 | 31   |
| B Sport and Exercise Science   | 3F    | 89.00 | 32   |
| THE FOLLOWING COURSES CAN BE COMBINED:   |       |       |      |
| B Nursing, B Creative Intelligence and Innovation  | 4F    | 94.35 | 36   |
| B Nursing, BA International Studies  | 5F    | 92.10 | 34   |
| B Midwifery, B Creative Intelligence and Innovation  | 4F    | 96.45 | 38   |
| B Sport and Exercise Management, BA International Studies                                      | 5F    | 95.20 | 37   |
| B Sport and Exercise Science, BA International Studies   | 5F    | 94.80 | 37   |
| B Sport and Exercise Science, B Creative Intelligence and Innovation                           | 4F    | 93.55 | 36   |
| *This course is for not offered to year 12 applicants. Selection criteria other than ATAR used |       |       |      |

<sup>\*</sup>This course is for not offered to year 12 applicants. Selection criteria other than ATAR used.

| INFORMATION TECHNOLOGY (Page 34-37)   | Years | ATAR  | IB   |
|---|-------|-------|------|
| B Information Technology*   | 3F    | N/A*  | N/A* |
| B Science in Games Development <sup>o</sup>                                 | 3F/6P | 90.70 | 33   |
| B Science in Information Technology, Diploma in IT Professional Practice    | 4F/6P | 80.10 | 28   |
| B Computing Science (Hons)  | 4F/8P | 80.10 | 28   |
| THE FOLLOWING COURSES CAN BE COMBINED:                                      |       |       |      |
| B Business, B Science in Information Technology <sup>o</sup>                | 4F    | 85.55 | 31   |
| B Science in Information Technology, BA International Studies <sup>o</sup>  | 5F    | 87.30 | 31   |
| B Science in Information Technology, B Creative Intelligence and Innovation | 4F/8P | 89.10 | 32   |
| B Science in Information Technology, B Laws                                 | 5F    | 97.00 | 39   |
| +Tiri CATAD   | 1     |       |      |

<sup>\*</sup> This is a co-operative scholarship program. Selection is based on a combination of ATAR and an interview.

O Add an additional year to complete the Diploma in IT Professional Practice.

| INTERNATIONAL STUDIES (Page 38-41)  |                       |       |    |
|---|-----------------------|-------|----|
| Global Studies*   | 3F/6P                 | 70.25 | 25 |
| HE FOLLOWING COURSES CAN BE COMBINED:   |                       |       |    |
| Business, BA International Studies  | 5F                    | 90.00 | 33 |
| Communication (Creative Writing), BA International Studies                    | 5F                    | 82.90 | 30 |
| Communication (Digital and Social Media), BA International Studies            | 5F                    | 77.60 | 27 |
| Communication (Journalism), BA International Studies                          | 5F                    | 85.05 | 31 |
| Communication (Media Arts and Production), BA International Studies           | 5F                    | 87.20 | 31 |
| Communication (Public Communication), BA International Studies                | 5F                    | 84.65 | 30 |
| Communication (Social and Political Sciences), BA International Studies       | 5F                    | 81.75 | 29 |
| Construction Project Management, BA International Studies                     | 6F                    | 94.10 | 36 |
| Design in Animation, BA International Studies                                 | 5F                    | 90.85 | 33 |
| Design in Fashion and Textiles, BA International Studies                      | 5F                    | 95.25 | 37 |
| Design in Integrated Product Design, BA International Studies                 | 5F                    | 90.35 | 33 |
| Design in Interior and Spatial Design <sup>†</sup> , BA International Studies | 5F                    | 93.70 | 36 |
| Design in Photography, BA International Studies                               | 5F                    | 93.60 | 36 |
| Design in Visual Communication, BA International Studies                      | 5F                    | 94.05 | 36 |
| Education, BA International Studies   | 5F                    | 73.95 | 26 |
| Engineering (Hons), BA International Studies                                  | 5F                    | 86.40 | 31 |
| Forensic Science, BA Interntional Studies                                     | 5F                    | 88.95 | 32 |
| Health Science in Traditional Chinese Medicine, BA International Studies      | 6F                    | 85.70 | 31 |
| Laws, BA International Studies  | 5F                    | 97.70 | 40 |
| Management, BA International Studies  | 5F                    | 80.25 | 28 |
| Medical Science, BA International Studies                                     | 5F                    | 91.05 | 34 |
| Music and Sound Design, BA International Studies                              | 5F                    | 75.30 | 26 |
| Nursing, BA International Studies   | 5F                    | 92.10 | 34 |
| Property Economics, BA International Studies                                  | 6F                    | 92.10 | 34 |
| Science, BA International Studies   | 5F                    | 82.60 | 30 |
| Science in Analytics, BA International Studies                                | 5F                    | 91.00 | 34 |
| Science in Information Technology, BA International Studies                   | 5F                    | 87.30 | 31 |
| Sport and Exercise Management, BA International Studies                       | 5F                    | 95.20 | 37 |
| Sport and Exercise Science, BA International Studies                          | 5F                    | 94.80 | 37 |
|   | FC la - ita - f l - t |       |    |

| + These courses are under review and may change or discontinue in 2018. Please consult the UTS website for updates. |  |
|---|--|
| ♦ This course may be renamed for 2018.  |  |

| BLaws<br>BLaws  | 4F<br>6.5P | 97.05 | 39 |
|---|------------|-------|----|
| Blaws   | 6.5P       | 07.00 |    |
| <u>5 20115</u>  |            | 97.00 | 39 |
| THE FOLLOWING COURSES CAN BE COMBINED:                  |            |       |    |
| B Communication (Creative Writing), B Laws              | 5F         | 97.15 | 39 |
| B Communication [Digital and Social Media], B Laws      | 5F         | 98.95 | 42 |
| B Communication (Journalism), B Laws                    | 5F         | 97.55 | 39 |
| B Communication (Media Arts and Production), B Laws     | 5F         | 97.25 | 39 |
| B Communication (Public Communication), B Laws          | 5F         | 97.55 | 39 |
| B Communication (Social and Political Sciences), B Laws | 5F         | 97.05 | 39 |
| B Business, B Laws                                      | 5F         | 97.05 | 39 |
| B Engineering Science, B Laws                           | 5.5F       | 97.00 | 39 |
| B Economics, B Laws                                     | 5F         | 97.45 | 39 |
| B Forensic Science, B Laws                              | 5F         | 97.15 | 39 |
| B Laws, BA International Studies                        | 5F         | 97.70 | 40 |
| B Laws, B Creative Intelligence and Innovation          | 4F         | 97.40 | 39 |
| B Medical Science, B Laws                               | 5F         | 97.05 | 39 |
| B Science, B Laws                                       | 5F         | 98.25 | 40 |
| B Science in Information Technology, B Laws             | 5F         | 97.00 | 39 |

| SCIENCE (Page 46-50)   | Years       | ATAR           | IB              |
|--|-------------|----------------|-----------------|
| B Advanced Science in Advanced Materials and Data Science                              | 3F/6P       | 99.95          | 45              |
| B Advanced Science in Environmental Biotechnology                                      | 3F/6P       | 95.05          | 37              |
| B Advanced Science in Infection and Immunity   | 3F/6P       | 96.05          | 38              |
| B Advanced Science in Pre-medicine   | 3F/6P       | 96.20          | 38              |
| B Science (see majors below)   | ,           |                |                 |
| Applied Chemistry major  | 3F/6P       | 74.10          | 26              |
| Applied Physics major  | 3F/6P       | 71.20          | 25              |
| Biomedical Science major   | 3F/6P       | 76.20          | 27              |
| Biotechnology major  | 3F/6P       | 76.20          | 27              |
| Environmental Sciences major   | 3F/6P       | 73.05          | 26              |
| Flexible (no specified major)  | 3F/6P       | 74.25          | 26              |
| Mathematics major  | 3F/6P       | 76.95          | 27              |
| Medical Science major  | 3F/6P       | 76.20          | 27              |
| Nanotechnology major   | 3F/6P       | 71.60          | 25              |
| Statistics major   | 3F/6P       | 76.95          | 27              |
| B Biomedical Science   | 3F/6P       | 81.00          | 29              |
| B Biomedical Physics   | 3F/6P       | 90.30          | 33              |
| B Biotechnology  | 3F/6P       | 85.40          | 31              |
| B Environmental Biology  | 3F/6P       | 72.25          | 25              |
| B Forensic Science   | 3F/6P       | 85.35          | 31              |
| B Health Science in Traditional Chinese Medicine                                       | 4F/8P       | 82.25          | 29              |
| B Marine Biology   | 3F/6P       | 72.80          | 26              |
| B Medicinal Chemistry  | 3F/6P       | 85.20          | 31              |
| B Medical Science  | 3F/6P       | 87.05          | 31              |
| B Science in Analytics   | 3F/6P       | 89.75          | 33              |
| THE FOLLOWING COURSES CAN BE COMBINED:   | 01701       | 07.70          | - 00            |
| B Advanced Science, B Creative Intelligence and Innovation                             | 4F          | 99.95          | 45              |
| B Biomedical Physics, B Creative Intelligence and Innovation                           | 4F          | 94.35          | 36              |
| B Biotechnology, B Business  | 4F          | 90.55          | 33              |
| B Engineering (Hons), B Medical Science  | 5F/10P      | 86.50          | 31              |
| B Engineering (Hons), B Medical Science  | 5F/10P      | 82.00          | 29              |
| B Health Science in Traditional Chinese Medicine, BA International Studies             | 6F          | 85.70          | 31              |
| B Forensic Science. BA International Studies   | 5F          | 88.95          | 32              |
| B Forensic Science, B Creative Intelligence and Innovation                             | 5F          | 91.05          | 34              |
| B Forensic Science, B Greative intettigence and innovation  B Forensic Science, B Laws | 5F          | 97.15          | 39              |
| B Medicinal Chemistry. B Creative Intelligence and Innovation                          | 4F          | 91.75          | 34              |
| B Medical Science. BA International Studies  | 4F<br>5F    | 91.75          | <u>34</u>       |
| B Medical Science, BA international Studies  B Medical Science, B Business             |             | 94.25          | 34<br>36        |
| B Medical Science, B Business  B Medical Science. B Laws                               | 5F          | 97.05          | 39              |
| B Medical Science, B Laws B Science in Analytics, BA International Studies             |             | 91.00          | 34              |
| B Science. BA International Studies  | 5F          | 82.60          | 30              |
| B Science, BA international Studies  B Science, B Business                             | 5F<br>4F    | 85.90          | 31              |
| B Science, B Business B Science, B Creative Intelligence and Innovation                | 4F/8P       | 85.90<br>81.45 | <u>31</u><br>29 |
| B Science, B Creative intettigence and innovation  B Science. B Laws                   | 4F/8P<br>5F | 98.25          | <u> </u>        |
| o ocience, o Laws  | JF.         | 78.23          | 40              |

| RANSDISCIPLINARY INNOVATION (Page 51–53)  | Years  | ATAR  | IB |
|---|--------|-------|----|
| Advanced Science, B Creative Intelligence and Innovation                                    | 4F     | 99.95 | 45 |
| Biomedical Physics, B Creative Intelligence and Innovation                                  | 4F     | 94.35 | 36 |
| Business, B Creative Intelligence and Innovation  | 4F     | 97.85 | 40 |
| Communication (Creative Writing), B Creative Intelligence and Innovation                    | 4F     | 87.70 | 32 |
| Communication (Digital and Social Media), B Creative Intelligence and Innovation            | 4F     | 93.20 | 35 |
| Communication (Journalism), B Creative Intelligence and Innovation                          | 4F     | 90.05 | 33 |
| Communication (Media Arts and Production), B Creative Intelligence and Innovation           | 4F     | 94.30 | 36 |
| Communication (Public Communication), B Creative Intelligence and Innovation                | 4F     | 93.25 | 35 |
| Communication (Social and Political Sciences), B Creative Intelligence and Innovation       | 4F     | 83.90 | 30 |
| Management, B Creative Intelligence and Innovation  | 4F     | 87.45 | 32 |
| Medicinal Chemistry, B Creative Intelligence and Innovation                                 | 4F     | 91.75 | 34 |
| Design in Architecture, B Creative Intelligence and Innovation                              | 4F/EqP | 99.95 | 45 |
| Design in Animation, B Creative Intelligence and Innovation                                 | 4F     | 98.90 | 41 |
| Design in Fashion and Textiles, B Creative Intelligence and Innovation                      | 4F/EqP | 99.95 | 45 |
| Design in Integrated Product Design, B Creative Intelligence and Innovation                 | 4F     | 95.35 | 37 |
| Design in Interior and Spatial Design <sup>⋄</sup> , B Creative Intelligence and Innovation | 4F     | 90.50 | 33 |
| Design in Visual Communication, B Creative Intelligence and Innovation                      | 4F     | 96.95 | 39 |
| Engineering (Hons), B Creative Intelligence and Innovation                                  | 5F     | 94.75 | 37 |
| Forensic Science, B Creative Intelligence and Innovation                                    | 5F     | 94.35 | 36 |
| Laws, B Creative Intelligence and Innovation  | 4F     | 97.40 | 39 |
| Midwifery, B Creative Intelligence and Innovation   | 4F     | 96.45 | 38 |
| Nursing, B Creative Intelligence and Innovation   | 4F     | 94.35 | 36 |
| Science, B Creative Intelligence and Innovation   | 4F/8P  | 81.45 | 29 |
| Sport and Exercise Science, B Creative Intelligence and Innovation                          | 4F     | 93.55 | 36 |
| Science in Information Technology, B Creative Intelligence and Innovation                   | 4F/8P  | 89.10 | 32 |
| Technology and Innovation   | 3F/EqP | 84.80 | 31 |
| This course may be reparred for 2018  |        |       |    |

 $<sup>\</sup>Diamond$  This course may be renamed for 2018.

# YOUNG & BRIGHT

Though young, UTS is making its mark quickly.

Among universities under the age of 50, we rank no.1 in Australia and no.8 in the world.

We're consistently climbing in major international rankings.

And we've only just begun.

# OUR DIFFERENCE

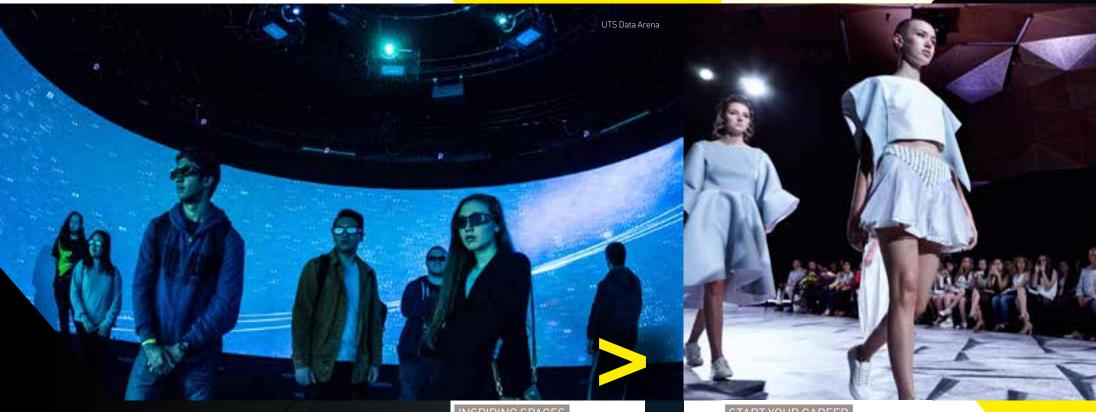
A UTS degree will equip you with the practical skills required by tomorrow's workplace.

With cutting-edge facilities, located in the heart of Sydney's creative and entrepreneurial precinct, there's no better place to define your career.



#### THE WORLD IS WATCHING

Though young, we're making our mark quickly. Among universities under 50 years of age, UTS is now the no.1 ranked university in Australia and no.8 in the world. We're consistently improving in the major international rankings, and we've only just begun.



#### INSPIRING SPACES

Learn in purpose-built facilities that house the latest technologies. Our \$1.2 billion campus redevelopment has made the UTS campus one of the most dynamic, interconnected and student-centric spaces in the world.

#### START YOUR CAREER

Gain the skills required of tomorrow's workforce with degrees such as the Creative Intelligence and Innovation, and our Bachelor of Technology and Innovation (page 53). And for the entrepreneurial student, we have a mentoring program for start-up businesses called The Hatchery.

UTS IS AUSTRALIA'S LEADING YOUNG UNIVERSITY AND IS RANKED NO.8 ON THE GLOBAL QS 50 UNDER 50 LIST.







#### CONNECTIONS THAT COUNT

Whether it's internships, lectures or location-based learning, every UTS student has access to a world of opportunities. Our neighbours include over 70% of Sydney's creative and digital industries, and we have extensive industry connections.

#### FUTURE FOCUSED

Nothing will prepare you better than real industry experience. That's why we offer hands-on, practice-based learning. Closely connected with industry, our students are equipped with the most relevant skills and knowledge for their chosen fields.

## WE'RE SHAPING TOMORROW



Opening in 2019, UTS Central will be home to a mix of new student areas, including a new UTS Library, learning commons and the Student Services bub Amongst the energy of our city campus, sits the Alumni Green. An outdoor oasis, its student-focused spaces include a lush green lawn and ping-pong tables.

Our innovative approach to Engineering and IT education is embodied by this 'living lab'. Purpose-built facilities provide opportunities for technology-enabled project work and group learning.

## **OUR NEIGHBOURHOOD**

### SCIENCE AND GRADUATE SCHOOL OF HEALTH BUILDING

With a new Super Lab, new forensic and health labs, new MRI and CT scan imaging suites, UTS sits at the cutting edge of science and health education.





#### CENTRE OF TOWN

UTS is located in Ultimo, Sydney's thriving inner-city creative precinct. Our location connects students to real-world industry experiences and cultural attractions. Across the road from transformational projects such Central Park on Broadway, Chippendale Green and The Goods Line, UTS is truly at the centre of the action.



#### MULTI-PURPOSE SPORTS HALL

Under the Alumni Green lie indoor sports courts, tutorial rooms, a gym and a dance studio.



#### MOORE PARK

Brand new UTS research and teaching laboratories for Sport and Exercise Science and Management students are due to open in 2018.

## FORWARD THINKING FACILITIES

We want you to learn on the latest. UTS provides award-winning labs, collaborative spaces and the newest technologies to enhance the student learning experience.

#### DATA ARENA



CCS is an internationally recognised, multi-disciplinary environment that enables research into new sensing technologies and generative

CREATIVITY AND COGNITION STUDIC

media systems.



Develop your expertise and prepare for real-world clinical practice in some of the most advanced health learning spaces in Australia.



#### SUPER LAB

The name says it all. One of only two such facilities in Australia, the Super Lab can accommodate multiple classes (running simultaneously) through the power of technology and design.



## INDUSTRY-STANDARD MOTION CAPTURE (MOCAP) LAB

Design and IT students have access to the same technologies used by leading animation production companies worldwide. These tools capture human movement, using the data to produce animated characters with lifelike movement.



The Delta Vision OMX Blaze is the world's first system for studying the cell biology of living microorganisms at super resolution levels. In the UTS Faculty of Science, it facilitates research into the behaviour of infectious diseases.

## EXPAND YOUR HORIZONS

THE WORLD IS AT YOUR FEET! UTS IS HOME TO ONE OF THE LARGEST INTERNATIONAL EXCHANGE PROGRAMS IN AUSTRALIA. MORE THAN 25% OF OUR STUDENTS GET TO TRAVEL OVERSEAS AS PART OF THEIR TIME AT UTS.



Argentina

Brazil

Canada

Chile

Colombia

Costa Rica Latino USA

Mexico

Peru

**United States** 



Every year, more than 200 UTS students spend a year overseas as part of our unique Bachelor of Arts in International Studies. Enrol at one of our partner universities, study in another language and internationalise your qualifications.

www.internationalstudies.uts.edu.au



Many of our student clubs have an international focus and offer extracurricular opportunities. Through programs like AIESEC, you can spend between six weeks and 18 months overseas

www.activateuts.com.au



Take your skills anywhere by adding a Diploma in Languages (page 39) to your degree. Open to all local students, it's an incredible way to open yourself to international opportunities.

#### **EUROPE**

Austria

**Belgium** 

Czech Republic

**Denmark** 

**Finland** 

France

Germany

Hungary

Ireland

Israel

Italy

**Norway** 

Netherlands

**Poland** 

**Portugal** 

Slovenia Spain

Sweden

Switzerland

**United Kingdom** 

# INTERNATIONAL CHOICES

China

**Hong Kong** 

India

Indonesia

**Japan** 

Republic of Korea

Kuwait

Malaysia

**Philippines** 

**Singapore** 

Thailand

Taiwan Turkey

**Vietnam** 



Many UTS courses and subjects have an international component that allows you take part in an overseas practicum or study tour. Earn course credit and test your skills in a global setting.



Take your learning beyond the classroom, develop your skills and hone your leadership potential with the UTS BUILD program. International projects include field trips. internships, experiential programs, study tours and volunteering.

www.build.uts.edu.au



Be one of the 500 UTS students who go on an international university exchange each year. In most UTS degrees, you'll have the chance to study overseas for one or two sessions, and you'll have up to 40 countries and territories to choose from.

www.global-exchange.uts.edu.au

## LIFE STARTS HERE

UTS isn't just a leading educational institution – it's also a thriving cultural hub where you can enjoy a dynamic calendar of activities and create lifelong friendships.



#### CITY LIVING

Whether you prefer to fly solo, or you're happier sharing, UTS Housing can help find your city home.

www.housing.uts.edu.au

#### JOIN A CLUB

Skiing, debating or chocolate appreciation. There are many clubs and societies on campus that expand your mind and your network of likeminded individuals. And ActivateFit on Harris (our on-campus gym) offers all kinds of fitness classes, from circuit to yoga.

www.activateuts.com.au



#### IT'S NOT ALL WORK

ActivateUTS, home to all things social, hosts more than 50 major campus events every year. With live music, stand-up comedy, two bars and many food venues, there's never a dull moment at UTS.

www.activateuts.com.au





The UTS Students' Association is elected by students, and run by students, for students. It's there for you to access free academic advice, peer tutoring and clubs. You can also grab the student magazine *Vertigo*, a great guide book to life on campus. Even better, the UTS Students' Association provides a free weekly breakfast and dinner for students. Grab a plate and get to know your uni community.

www.sa.uts.edu.au



#### UTS CAREERS SERVICE

The UTS Careers Service works with graduate recruiters to equip UTS students with key employability skills. They provide programs like the annual Careers Fair, and offer career consulting, helpful advice, and assistance in finding work opportunities as well as access to careerhub.uts.edu.au, an online job board designed specifically to recruit UTS students for jobs and internships.

www.careers.uts.edu.au

#### HERE TO HELP

UTS can support you. Whether you it's financial, housing assistance, academic or tailored support for students with disabilities.

www.ssu.uts.edu.au

#### INDIGENOUS STUDENTS

The Jumbunna Indigenous House of Learning is a culturally safe student centre for all Indigenous students. We offer services such as study and learning assistance, advocacy, and more.

www.jumbunna.uts.edu.au



## TOMORROW'S BUSINESS LEADERS ARE MADE HERE

- > Give yourself the skills that future employers want most with a choice of 10 majors and more than 30 sub-majors, as well as four extended majors for highly specialised study, within the Bachelor of Business.
- In our Bachelor of Economics course, tap into world-leading research to develop your capabilities in market design and game theory, and gain an in-depth understanding of economics and econometrics.
- > Broaden or specialise your degree by combining it with Biotechnology, Engineering, Medical Science, IT, Law, Science, Creative Intelligence and Innovation or International Studies.
- > For natural born leaders, the Bachelor of Accounting Scholarship program is a fast-track, full scholarship co-operative degree worth up to \$51,500. It's supported by leading Australian and multinational companies.
- > For forward thinkers, there's our Digital Creative Enterprise major within the Bachelor of Management, which teaches you how technology and the commercialisation of creativity work together.
- > Your degree will have the weight of a university accredited by the Association to Advance Collegiate Schools of Business (AACSB International), a mark of quality earned by a select few business schools worldwide.

www.business.uts.edu.au/future



#### COURSES IN BUSINESS **COURSE NAME COURSE DESCRIPTION CAREER OPTIONS BACHELOR OF ACCOUNTING** This course is a co-operative education program in accounting. Career options include: Accountant, Duration: 3 yrs FT An intensive degree offered in conjunction with major employers, accounts officer, business analyst, business 2017 ATAR: N/A\* it allows students to complete a compulsory major in accounting. manager, financial controller, Receive a scholarship and gain full-time industry experience. tax specialist, taxation manager/advisor. \*The Bachelor of Accounting is a co-operative This is a scholarship degree for current school leavers. Special scholarship course. Selection is based on a application and selection procedures apply. combination of ATAR and interview **BACHELOR OF BUSINESS** This course provides students with a sound background in all Career options include: Account manager, **Duration:** 3 yrs FT/6 yrs PT areas of business through a common set of core subjects, in accountant, advertising officer, commercial analyst, employee relations coordinator. 2017 ATAR: 91.00 (FT) / 91.25 (PT) addition to in-depth knowledge in one or more chosen majors. The degree equips students with the knowledge, competencies events coordinator/manager, financial and values necessary to develop creative, critical, analytical and controller, market analyst, marketing coordinator/manager, payroll officer, evaluative skills essential for a successful and rewarding career in business. policymaker, product manager, public relations coordinator/manager, recruitment officer/manager, social media advisor, sports administrator, stockbroker. **BACHELOR OF ECONOMICS** This course offers students the analytical and quantitative Career options include: Economist, Duration: 3 yrs FT skills required for an in-depth understanding of key economic statistician, market analyst, policy maker, 2017 ATAR: 86.00 principles along with the option of majors across selected econometrician, finance manager, data business disciplines. Gain a basic training in econometrics, analyst, economic resource manager macroeconomics, and microeconomics with an emphasis on practical policy.

#### **BACHELOR OF MANAGEMENT** (DIGITAL CREATIVE ENTERPRISE/ **EVENTS/SPORT/TOURISM)**

Duration: 3 yrs FT 2017 ATAR: ATAR cut-off varies by major. See pull-out at the front of this quide for individual ATARS

This course provides students with a broad introduction to key managerial concepts, immersion into initiative entrepreneurial thinking, and a choice from four majors; digital creative enterprise, events, tourism and sport business management.

Career options include: Depending on the major chosen, students can work as an event coordinator, convention coordinator, sports marketing officer, sports administrator, tourism marketing coordinator, tourism business researcher and various other specialist and embedded creative roles within industry.

FT = Full-time / PT = Part-time



## COMBINED DEGREES

#### **BACHELOR OF BUSINESS**

- B Biotechnology, B Business
- B Business, B Creative Intelligence and Innovation
- B Business, BA International Studies
- B Business, B Laws
- B Business, B Science in Information Technology
- B Engineering (Hons), B Business
- > B Medical Science. B Business
- > B Science, B Business

#### **BACHELOR OF MANAGEMENT**

- B Management, B Creative Intelligence and Innovation
- > B Management, BA International Studies

#### **BACHELOR OF ECONOMICS**

> B Economics, B Laws

FOR ATARS SEE FRONT PULL-OUT





"Business students at UTS are encouraged to gain work experience during their studies, to further develop their skills outside the classroom, and importantly to build valuable networks early."

## **Teal Scarfone**Bachelor of Business

Teal undertook an internship at Nova 96.9 where she learnt how to create digital content, helped with the companys social media accounts and gained other invaluable business skills. Together with her degree, these experiences have shaped her as a well-rounded and confident individual who can lead future business projects.

## GIVE YOURSELF A PRACTICAL ADVANTAGE

- > Complete a capstone subject in each major at the end of your degree, applying the knowledge and skills you've gained in your studies in a real-life project or business problem.
- > Choose an internship subject (compulsory in the Bachelor of Management and as an elective in the Bachelor of Business and the Bachelor of Economics) to learn first-hand how the industry ticks and put yourself in a place where employers can see what you can do.
- > Complete two compulsory six-month industry placements with leading companies as part of your Bachelor of Accounting degree.
- > Build valuable networks by attending a number of guest industry lectures hosted by the UTS Business School each year.

# **CAREERS IN BUSINESS**

#### Career options include:

- > Account manager
- > Accountant
- > Business analyst
- > Commercial analyst
- > Economist
- > Employee relations coordinator/manager
- > Events coordinator/manager
- > Festival organiser
- > Financial controller
- > International trader
- > Marketing coordinator/manager
- > Policy advisor/maker
- > Product manager
- > Tax specialist

#### DID YOU KNOW?

- > Students who receive a formal offer to a cadetship can receive five bonus points to get into their degree.
- > Our advisory board is made up of high profile representatives from key industry bodies. They regularly review our courses to ensure they are practical and industry relevant.



Bradley Firth
European Brand
Communications Director
Nike
Bachelor of Business

#### **EUROPEAN BRAND COMMUNICATIONS DIRECTOR**

**I graduated** from the Bachelor of Business in 2008. It was an easy decision for me to choose to study at UTS because it had an unbeatable reputation for international business and innovation.

A typical career path for someone with my qualifications is quite broad. I spent seven years in an advertising agency before moving to Nike. If you like the creative side of marketing, I'd recommend the advertising path. It's a fast-paced environment that gives you instant exposure to the workings of a number of brands and campaigns. It's sink or swim, teaches strategic thinking and rewards proactive creative thinking.

In my role as European Brand Communications Director, I am responsible for leading the creation of any running, sportswear or women's focused advertising that comes out of Nike Europe. I partner with specialists in brand planning, digital, retail, media, and design to deliver a holistic marketing approach for the Nike brand in Europe.

**My advice** to anyone considering a career in business would be to get your hands dirty and try as many things as possible in order to find where your passion lies. There's nothing like learning on the job. Seek out an internship; offer to work somewhere for free. Not only will that experience help you with your studies, but you'll hopefully start to work out what you might like to do after you graduate.



## BECOME THE VOICE OF THE FUTURE

- > Learn how to work with today's leading technology for the best jobs of tomorrow, in one of the most in-demand programs in the country.
- > Get ready to take on communication's new opportunities. Choose from range of majors Journalism, Media Arts and Production, Public Communication, Social and Political Sciences, Creative Writing, Digital and Social Media, or a Music and Sound Design degree.
- > Complete your Bachelor of Communication with two areas of expertise and make yourself more employable in an industry that's changing rapidly.
- Sain experience with top tier production equipment including media production labs, video editing suites, sound and performance studios, and a purpose-built journalism lab.
- > Leave UTS with a list of real jobs under your belt. You can take on an industry placement or project to gain practical experience in media, production, publishing or advertising if you wish.
- > Learn from staff with current industry experience as well as the knowledge and networking abilities to take you from student to professional.

www.communication.uts.edu.au/future



### **COURSES IN COMMUNICATION**

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|--|--|--|
| COURSENAME   | COURSE DESCRIPTION   | CAREER OPTIONS   |
| BACHELOR OF<br>COMMUNICATION<br>(CREATIVE WRITING)<br>Duration: 3 yrs FT<br>2017 ATAR: 72.15                 | Creative writing at UTS is a practice- and disciplinary-based program focusing on narrative, poetics, reading and literary theory. This degree develops creative writing across several genres, fosters independent and professional writing skills via workshop and lecture study, and engages critically with the broader cultural context in which creative writing is produced and read.   | Career options include: Editor, publisher, scriptwriter, literary agent, communication coordinator, arts and cultural administrator, copywriter, novelist, feature writer, publications officer, freelance writer, book marketing coordinator.   |
| BACHELOR OF<br>COMMUNICATION<br>(DIGITAL AND SOCIAL<br>MEDIA)<br>Duration: 3 yrs FT<br>2017 ATAR: 75.10      | The rapidly evolving digital communications industries require practitioners who are technologically literate, culturally sophisticated, innovative and resourceful. This degree develops imaginative, synthetic and analytical capacities, as well as practical skills across diverse technological platforms.  | Career options include: Digital and social media<br>coordinator, communications officer, digital<br>channels strategist, social media manager.   |
| BACHELOR OF<br>COMMUNICATION<br>(JOURNALISM)<br>Duration: 3 yrs FT<br>2017 ATAR: 83.85                       | One of the most respected journalism degrees in the country, this course equips students with advanced research, writing, reporting and analytical skills for print, television, video, radio, audio and online media; and knowledge of the intellectual, ethical and political foundations of journalism.   | Career options include: Reporter, producer, publisher, editor and sub-editor, feature and freelance writer, investigative journalist, media researcher, and strategist in print, broadcast and online media.   |
| BACHELOR OF<br>COMMUNICATION<br>(MEDIA ARTS AND<br>PRODUCTION)<br>Duration: 3 yrs FT<br>2017 ATAR: 87.00     | This course explores the history, contemporary issues, theories and challenges of media and culture in society. Students develop sophisticated production skills in video, sound and new media, and enhance their creative innovation in these areas.  | Career options include: Director, editor, film producer, cinematographer, sound designer, new media producer, production manager, scriptwriter, multimedia designer, radio producer, documentary maker, arts and cultural administrator, freelance media artist and producer.  |
| BACHELOR OF<br>COMMUNICATION<br>(PUBLIC COMMUNICATION)<br>Duration: 3 yrs FT<br>2017 ATAR: 81.00             | This course focuses on professional communication careers, including those in the public relations and advertising industries. Students develop professional skills in campaign design and production, copywriting, media liaison and writing, research and evaluation, and organisational communication management. Assignments provide material for a portfolio after graduation.  | Career options include: Communication strategist, public relations consultant, advertising account executive, media liaison officer, events coordinator, publicity officer, political media adviser, advertising copywriter, community relations manager and marketing communication specialist.                                       |
| BACHELOR OF<br>COMMUNICATION<br>(SOCIAL AND POLITICAL<br>SCIENCES)<br>Duration: 3 yrs FT<br>2017 ATAR: 75.60 | Combining social, political, historical and philosophical perspectives on how societies work, this course provides students with practical skills in qualitative and quantitative social research methods. Students learn how to understand social issues and how to think through ways of making a difference; how to research, communicate and plan contributions to national and international debates. Students gain the knowledge and skills to be involved in diverse organisations engaging with social change. | Career options include: Political adviser, community historian, social researcher, community development worker, policy analyst, trade union official, media researcher, international aid worker, social welfare officer, community project manager and change agent in a range of social, cultural, historical and political arenas. |
| BACHELOR OF MUSIC AND<br>SOUND DESIGN<br>Duration: 3 yrs FT<br>2017 ATAR: 71.00                              | This course offers a unique, contemporary sound and music degree experience by merging art and technology across domains of composition, entertainment and audio technology, as well as combining features of music and audio engineering with interaction design.   | Career options include: Interactive media artist, installation artist, electronic music composer, product audio designer, software interface designer, e-fashion designer, new sonic interface designer, information system (sonification) designer  |



### COMBINED DEGREES

- B Communication (Creative Writing), BA International Studies B Communication (Digital and Social Media), BA International Studies
- B Communication (Journalism), BA International Studies
- B Communication (Media Arts and Production), BA International Studies
- > B Communication (Public Communication), BA International Studies
- > B Communication (Social and Political Sciences), BA International Studies
- > B Music and Sound Design, BA International Studies

#### TRANSDISCIPLINARY INNOVATION

- > B Communication (Creative Writing), B Creative Intelligence and Innovation
- > B Communication (Digital and Social Media), B Creative Intelligence and Innovation
- > B Communication (Journalism), B Creative Intelligence and Innovation
- > B Communication (Media Arts and Production), B Creative Intelligence and Innovation
- > B Communication (Public Communication), B Creative Intelligence and Innovation
- > B Communication (Social and Political Sciences), B Creative Intelligence and Innovation

- B Communication (Creative Writing), B Laws
- B Communication (Digital and Social Media), B Laws

interface designer.

- > B Communication (Journalism), B Laws
- > B Communication (Media Arts and Production), B Laws

and mobile/smart-phone and device audio

- > B Communication (Public Communication), B Laws
- > B Communication (Social and Political Sciences ), B Laws

FOR ATARS SEE FRONT PULL-OUT



"The focus UTS puts on practical experience is really important. From day one of my degree, I had to hit the streets to talk to people about their lives and the issues that mattered to them. UTS gave me access to different video cameras, audio recording devices, sound booths and editing software, so I could expand my skills as a young journalist."

#### **Luke Cooper**

Bachelor of Arts in Communication
[Journalism]\* and Bachelor of Arts in
International Studies (Chile)

During his degree Luke also completed several professional internships at *The Sydney Morning Herald*, Mumbrella, and Channel 10's Studio 10, gaining hours of experience that have prepared him for the workforce.

\*This course is now titled Bachelor of Communication [Journalism]

### LEAVE UNI WITH A REAL C.V.

- > Research, produce and report stories for TV, radio, online and press as a UTS Journalism student, through UTS News Day.
- > Work on client briefs and complete a professional internship in your final year as a Public Communication student, adding 80–100 hours to your C.V.
- > Experience site visits, guest lectures, workshops and short-term work experience placements in your Professional Internship subject as a Music and Sound Design student.
- > Blend theory and practice with a Professional Internship elective, to develop your professional skills as a Digital and Social Media student.
- > Build a portfolio that impresses employers and clients in Media Arts and Production, by completing a media arts project that showcases your skills.
- > Put the knowledge you've acquired in Social and Political Sciences to work in a real workplace or community placement, where future employers can see your growing skills.
- > Get published. Have your creative work published in the annual UTS Writers' Anthology as a Creative Writing student.



# CAREERS IN COMMUNICATION

#### Career options include:

- > Advertising account executive
- > Communications strategist
- > Copywriter
- > Director
- > Digital and social media specialist
- > Editor
- > Electronic music composer
- > Film producer
- > International aid worker
- > Journalist across multiple media, including digital, social, print and broadcast
- > Music producer
- > Political adviser
- > Public relations consultant
- > Publisher
- > Radio producer
- > Scriptwriter
- > Sound designer

#### **DID YOU KNOW?**

- > UTS students have been finalists at Tropfest, Australia's most competitive short film festival, 10 times in the past five years.
- > In six of the past eight years, UTS students and alumni have won the Walkley Student Journalist of the Year Award at the Walkley Awards for Excellence in Journalism. Administered by the Walkley Foundation for Journalism, these awards recognise and reward excellence in journalism in Australia.



Wilson Kwong
Social Media Manager
Ogilvy Australia
Bachelor of Arts in Communication
[Public Communication]\*

\*This course is now titled Bachelor of Communication (Public Communication)

#### **SOCIAL MEDIA MANAGER**

I graduated with a Bachelor of Arts in Communication (Public Communication)\* in 2015. I chose to study at UTS because the courses seemed like they were the most hands-on, and a lot of the tutors I spoke to at the UTS Open Day had actual experience in the industry, which I liked

A typical career in social media doesn't really exist – my job didn't exist when I first started studying at UTS! It's a very new area so I honestly don't have any idea what a typical career path would look like, and that's really exciting to me. I love the idea of being at the forefront of this exciting new world where no one knows what's around the corner – kind of like being Captain Kirk from Star Trek, but with fewer aliens.

In my role I'm responsible for managing our clients' social media channels. An average day involves developing strategy, creating content, managing the community and, yes, looking at the occasional meme or two. Things are constantly changing and you have to be very flexible and able to adapt to new situations quickly. On the plus side, it's definitely never boring – on any given day, I could be out on a photo shoot, or brainstorming new campaign ideas, or developing and editing content. That wide range of experiences is definitely one of my favourite things about my role.

My advice to future students is to keep all your options open. Don't think about your degree as a means to get a particular job or to join a certain profession. The lines between roles are constantly being blurred and chances are your future career doesn't even exist yet. Instead, think of it as an opportunity to skill up in the areas you're interested in and start building your networks. No matter what the future holds, a passionate, skilled graduate with a broad range of experiences and networks will always have a place in it.



- > Build the technical know-how you need on the ideas you were born with by blending classroom learning with practical experiences such as field trips, guest lectures, design camps, and exhibitions.
- > Create and collaborate with students and academic staff whose different perspectives and backgrounds will enrich your own.
- > Challenge your critical thinking skills with experiences that strengthen your ability to respond to today's global challenges.
- Make worthwhile connections to industry partners and establish your professional networks early through industry-sponsored competitions, unique internship opportunities and live project collaborations such as VIVID Sydney.
- > Work on meaningful, real-world projects that make a positive social impact on communities, from refugee resettlement solutions to rural town revitalisation programs.
- > Learn in the same kinds of project-teams found in your industry, and use state-of-the-art technology and equipment to develop valuable work-ready skills.
- > Take on international opportunities with global design projects, culture appreciation and on-location learning through our Global Studios program.

www.dab.uts.edu.au/future

## COURSES IN DESIGN, ARCHITECTURE & BUILDING

| COURSENAME  | COOKSE DESCRIPTION   | OAKEEK OF HORS   |
|---|--|--|
| BACHELOR OF DESIGN<br>IN ANIMATION<br>Duration: 3 yrs FT<br>2017 ATAR: 90.35    | The Bachelor of Design in Animation gives students with a passion for visual arts, drawing and storytelling the knowledge and hands-on experience required to create animation work that stands out in a global industry.            | Career options include: Director, concept artist, art director, character designer, animator, motion capture designer, effects [FX] animator, stop frame model animator and animation script writer. |
| BACHELOR OF DESIGN IN<br>ARCHITECTURE<br>Duration: 3 yrs FT<br>2017 ATAR: 96.10 | Through the Bachelor of Design in Architecture, students learn what it means to be an architect in a globalised world. This is achieved with a focus on how the profession can shape global cities through complex spatial thinking. | Career options include: Architect, urban designer, educator, journalist, landscape architect, researcher and policy maker.   |

#### DESIGN, ARCHITECTURE & BUILDING

| COURSENAME  | COURSE DESCRIPTION  | CAREER OPTIONS  |
|---|---|---|
| BACHELOR OF DESIGN IN FASHION AND TEXTILES Duration: 3 yrs FT 2017 ATAR: 93.70                      | This course is an internationally recognised degree that gives students the start they need to pursue careers across all facets of the international fashion industry. The degree provides the conceptual knowledge and garment-making skills required to transform creative vision into compelling fashion statements.       | Career options include: Fashion or textile designer, buyer, fashion editor, illustrator or stylist. Some students start their own business, while others work within an established company.  |
| BACHELOR OF DESIGN IN<br>INTEGRATED PRODUCT DESIGN<br>Duration: 3 yrs FT<br>2017 ATAR: 85.10        | The Bachelor of Design in Integrated Product Design prepares students for a career in the global industrial design sector at all levels, from boutique design practice and service design to large-scale industrial production and beyond.  | Career options include: Design consultant, corporate or in-house designer, production designer or manager across industries including automobile, electrical goods, furniture, packaging, storage systems, household products, lighting fixtures, industrial materials, and medical and scientific equipment. |
| BACHELOR OF DESIGN IN INTERIOR AND SPATIAL DESIGN* Duration: 3 yrs FT 2017 ATAR: 85.00              | This course helps students to re-imagine interior environments and public spaces in local and global contexts. With a strong emphasis on people's experiences of space, this degree equips students with the critical skills required to interrogate and transgress the traditional boundaries of commercial interior design. | Career options include: Commercial/residential interior designer, event designer, exhibition, museum and interaction designer, researcher, theatre set designer, designer in film and television production, virtual world designer.  |
| BACHELOR OF DESIGN IN<br>PHOTOGRAPHY<br>Duration: 3 yrs FT<br>2017 ATAR: 80.00                      | The Bachelor of Design in Photography enables students to take and make outstanding images, introducing them to the theories and histories that drive contemporary visual cultures.   | Career options include: Commercial photographer, photojournalist, exhibition media, photographic lighting, installation and interactive media and advertising professional.   |
| BACHELOR OF DESIGN IN<br>VISUAL COMMUNICATION<br>Duration: 3 yrs FT<br>2017 ATAR: 93.20             | This course emphasises creativity, innovation and communication in the analysis and visualisation of ideas and information through print, screen and interactive multimedia technologies. The course goes beyond technical skills to teach conceptual skills and design processing in the context of communication.           | Career options include: Designer in graphics, illustration, advertising, animation, branding/identity design, information design, broadcasting, exhibition, new media, photography or publications.   |
| BACHELOR OF CONSTRUCTION<br>PROJECT MANAGEMENT<br>Duration: 4 yrs FT / 6 yrs PT<br>2017 ATAR: 91.45 | This course delivers the management, technology and process skills required to work in a variety of well-paid roles across the full spectrum of construction projects. Students are taught a wide range of project management methodologies with a strong focus on applying these to real-world projects.                     | Career options include: Construction manager, contract manager, cost engineer, estimator, facility manager, project manager, property developer, quantity surveyor, scheduler or site manager.  |
| BACHELOR OF LANDSCAPE<br>ARCHITECTURE<br>Duration: 4 yrs FT<br>2017 ATAR: 85.30                     | This course is designed to develop skills in design, construction and management associated with our natural and built landscapes. This degree is for those who are passionate about sustainability, ecology, urban environments and design.  | Career options include: Landscape architect, urban designer, conservation/land management officer, designer, researcher or policy maker, project manager, journalist, and in disaster relief and international aid.   |
| BACHELOR OF PROPERTY<br>ECONOMICS<br>Duration: 3 yrs FT<br>2017 ATAR: 83.00                         | For students who have thought about a career in business, economics or property, this degree provides the edge to get started in a global industry. Students learn the specialist knowledge required to enter the property sector, with skills in property valuation, market analysis, investment and development.            | Career options include: Positions in corporate real estate, property analysis, property and asset management, property development, property finance, real estate agency (sales/leasing), tenant advisory services and valuation.   |



- INTERNATIONAL STUDIES

  > B Construction Project Management, BA International Studies

  > B Design in Animation, BA International Studies
- > B Design in Fashion and Textiles, BA International Studies
- > B Design in Interior and Spatial Design\*, BA International Studies
- > B Design in Integrated Product Design, BA International Studies
- > B Design in Photography, BA International Studies
- B Design in Visual Communication, BA International Studies
- > B Property Economics, BA International Studies

#### TRANSDISCIPLINARY INNOVATION

- B Design in Animation, B Creative Intelligence and Innovation
- B Design in Architecture, B Creative Intelligence and Innovation
- > B Design in Fashion and Textiles, B Creative Intelligence and Innovation
- > B Design in Interior and Spatial Design\*, B Creative Intelligence and Innovation > B Design in Integrated Product Design, B Creative Intelligence and Innovation
- > B Design in Visual Communication, B Creative Intelligence and Innovation

FOR ATARS SEE FRONT PULL-OUT



"As a product designer in the making, my degree has been fantastic in preparing me for the next step: employment.
As a designer you need to be an all-rounder, and UTS really emphasises that by encompassing all facets of design—graphic, physical and electrical—into this degree."

#### **Mitchell Horrocks**

Bachelor of Design (Honours) in Integrated Product Design

## GRADUATE WITH REAL EXPERIENCE

- > Volunteer to work on building projects in disadvantaged communities through the Construction for Developing Communities elective.
- > Offer your design skills and ideas to community and non-profit organisations that the UTS Shopfront program supports, such as Guide Dogs NSW or Refugee Council of Australia.
- > Sign up for the popular Global Studios elective and you can take part in design projects in international locations across Europe, Asia and The Americas.
- > Construction Project Management students get a career head-start through the compulsory professional practice subject that includes 200 days of industry experience before graduation.
- > As an nimation student collaborate with UTS arts and culture partners on live projects such as VIVID Sydney, BEAMS Festival and the Australian Piano Quartet.
- > Compete in a range of external industry competitions, and showcase your skills both in Australia and internationally.

# CAREERS IN DESIGN, ARCHITECTURE & BUILDING

#### Career options include:

- > Animator
- > Architect
- > Commercial photographer
- > Construction manager
- > Graphic designer
- > Landscape architect
- > Production manager
- > Property developer
- > Fashion designer
- > Urban designer

#### **DID YOU KNOW?**

- $\,>\,$  Global construction work will grow 70% to \$15 trillion in volume by 2025 (Global Construction Report 2015).
- > High-achieving Architecture students have the opportunity to go on a field trip with renowned architect Frank Gehry and his team in the USA.
- > Design and architecture employment grew by 32% in 2015, making it one of the biggest growth areas in the Australian labour market.



CAREER SNAPSHOT



Panayota Theodore
Full-time Paid Intern
Diane Von Furstenberg
Bachelor of Design (Honours)
in Fashion and Textiles

#### **FULL-TIME PAID INTERN**

I graduated with a Bachelor of Design (Honours) in Fashion and Textiles in 2017. UTS appealed to me because of its globally recognised design degree, the staff's invaluable industry experience, and the 24/7 access to the textiles facilities – the textile rooms became my second home.

A typical career path does not exist in the fashion industry. For someone with my qualifications there are so many avenues to take – the element of mystery and uncertainty should be embraced to the fullest. Work hard, and eventually with all the skills and knowledge you gain throughout your experiences, you'll be able to start your own label.

In my role, I am challenged daily with something different to do. One day I'll be cutting and sewing, the other contacting trim and fabric suppliers or illustrating textiles for a collection. I'm always on my feet and running around. At times it is very stressful, but the outcomes are extremely rewarding.

My advice to anyone considering a career in fashion and textiles is to be prepared to work hard and create amazing things. Start volunteering and interning from day one. Interning helps you understand what you like and dislike about fashion and this will allow you to shape your degree to what you want to specialise in your career.



## LEARN HOW GREAT TEACHERS TEACH

- > Start accumulating real professional experience by teaching in schools in every year of your degree.
- > Get a degree that lets you specialise, with options for majors in Primary, Secondary or K-12 teaching.
- > Give yourself the opportunity to travel overseas and gain practical teaching experience in China, South Korea, Samoa or Thailand.
- > Continue to a postgraduate degree in Secondary Teaching, Applied Linguistics and TESOL (Teaching English to Speakers of Other Languages), or the Master of Education majoring in Learning and Leadership.
- > Learn in purpose-built, state of-the-art teaching and learning facilities.

#### www.education.uts.edu.au/future

## GIVE YOURSELF A PRACTICAL ADVANTAGE

- > Graduate with at least 80 days of professional experience. You can complete a practical placement every year of your teacher education degree at UTS.
- > Open the door to an international career. You can teach overseas in your second year on an international practicum, adding two weeks of international experience to your C.V.



## **COURSES IN EDUCATION**

#### **COURSE NAME**

#### BACHELOR OF ARTS BACHELOR OF EDUCATION

Duration: 4 yrs FT 2017 ATAR: 72.40

#### **COURSE DESCRIPTION**

This course prepares graduates for teaching in primary, secondary or K–12 settings. It is a practice-oriented course that aims to produce high-quality graduates through a program that integrates the latest educational theory. Students continually develop teaching competence throughout the degree with a comprehensive and engaging professional experience program.

#### **CAREER OPTIONS**

Career options include: Primary teaching (kindergarten to year 6) and/or secondary teaching (years 7–12) in English, Mathematics, Science, Social Science or PDHPE) in a public or private school, locally and internationally.

Qualify as both primary and secondary teacher with the K–12 option.

FT = Full-time / PT = Part-time



"My professional experiences have enabled me to develop classroom management and lesson planning skills and to engage in a classroom environment. I've been able to build relationships with students and understand how they learn; to me that's a meaningful part of being a teacher."



## Reece Griffiths Bachelor of Arts

Bachelor of Education (Primary Education)

# CAREERS IN EDUCATION

#### Career options include:

- > Curriculum developer
- > Education consultant
- > Leadership positions in education
- > Primary or secondary school teacher
- > Researcher
- > Teaching across K-12

#### **DID YOU KNOW?**

- > Students with education degrees not only become teachers they can also work in other educational fields as educational advisers to government or other agencies, educational researchers, curriculum consultants, or educators in community settings such as a hospital, community or migrant education centres.
- > Over the five years to November 2019, employment in the education and training industry is projected to continue to increase strongly (up by 15.6% or 142,700), well above the all industries average [10.0%] (Australian Jobs, 2015).



Heidi St Leon
Literacy and Numeracy
Interventionist Teacher
Banksia Road Public School
Bachelor of Education
Bachelor of Arts in
International Studies (China)

#### **Literacy and Numeracy Interventionist Teacher**

I graduated with a combined degree in Education and International Studies in 2015. I chose to study at UTS because the course offered professional experience teaching every semester. Within my first few weeks of starting university, I was already in schools observing quality classroom practice. Without these experiences I would not be half the teacher I am today.

In my role as a literacy and numeracy interventionist teacher, I analyse student assessment data in the areas of reading, writing and mathematics. Using this data, I liaise with and advise classroom teachers about how best to target the needs of students who are at risk of not reaching learning outcomes. I target these students through whole class, small group and one-on-one explicit teaching.

**My advice** to students considering this degree is that professional experience teaching is the most valuable aspect of an education degree. It also gives you a deepened understanding of the course content.



# BECOME AN ADAPTABLE PROBLEM-SOLVER

- > UTS Engineering is internationally recognised through accreditation by Engineers Australia.
- > Open doors throughout the world. International opportunities at UTS include exchange programs with partner universities and global internships.
- > Do more than learn the rules apply them in real situations as part of the Diploma in Professional Engineering Practice.
- > Working your way through uni? Find the timetable that suits you from our day, evening, and weekend classes in full-time, part-time and intensive mode courses.
- > Look forward to a very bright future employment prospects are well ahead of the national average. In fact, the Bachelor of Engineering (Honours) has a 81.5% employment success rate.
- > Leave UTS with the best C.V. possible by taking advantage of our industry-sponsored scholarships and networking opportunities.
- > Be ready to conquer the future with experience working with the latest technology in our new state-of-the-art building.

www.eng.uts.edu.au/future

## COURSES IN ENGINEERING

| COURSE NAME  | COURSE DESCRIPTION  | CAREER OPTIONS   |
|--|---|--|
| BACHELOR OF ENGINEERING<br>(HONOURS), DIPLOMA<br>IN PROFESSIONAL<br>ENGINEERING PRACTICE | Earn a Bachelor of Engineering (Honours) with a major of your choice, plus the Diploma in Professional Engineering Practice, which includes two six-month internship with an engineering company of your choice. See below and page 27 for specific majors. | Please refer to specific majors below and on page 27 for career options.   |
| BACHELOR OF ENGINEERING (  | HONOURS) MAJORS   |  |
| GENERAL<br>Duration: 5 yrs FT/Eq PT<br>2017 ATAR: 82.05                                  | Students can select subjects from any of the majors on offer or customise their degree by combining several fields of practice.   | See individual majors for specific career options.   |
| BIOMEDICAL<br>Duration: 5 yrs FT/Eq PT<br>2017 ATAR: 89.00                               | Students will learn how to design and develop medical products and systems using biomedical instrumentation and control, bioinformatics, biomechatronics, artificial intelligence and computational neuroscience.   | Career options include: Working with biomedical device companies, biotechnology manufacturing companies, medical research centres or hospitals.  |
| CIVIL<br>Duration: 5 yrs FT/Eq PT<br>2017 ATAR: 87.90                                    | Students will pick up skills in construction, project management, design and surveying, and expertise in water supply systems, flood protection, sanitation, hydraulics and waste disposal.   | Career options include: Working with local and suburban engineering consultancies, road and rail infrastructure, or project management agencies. |
| CIVIL (CONSTRUCTION) Duration: 5 yrs FT/Eq PT 2017 ATAR: 87.25                           | Students will gain an understanding of human resources, finance, environmental planning and law, as well as installing building services such as lifts, air conditioning, IT and telecommunications.  | Career options include: Working with private commercial developers or major development companies.   |
| CIVIL (STRUCTURES) Duration: 5 yrs FT/Eq PT 2017 ATAR: 92.00                             | Students will gain advanced knowledge in the behaviour of structures under stresses such as extreme weather, earthquakes or explosions, and develop skills in assessing structural damage, including practical expertise.                                   | Career options include: Working in companies focusing on designing, building or assessing large structures.                                      |
| CIVIL AND ENVIRONMENTAL<br>Duration: 5 yrs FT/Eq PT<br>2017 ATAR: 87.30                  | Students will learn everything they need to know to become professional civil engineers with expertise in environmental planning and sustainable development.   | Career options include: Working with environmental or engineering consultancies.   |



| BACHELOR OF ENGINEERING (HONOURS) MAJORS (CONTINUED)                              |  |   |  |
|---|--|---|--|
| COURSE NAME   | COURSE DESCRIPTION   | CAREER OPTIONS  |  |
| DATA Duration: 5 yrs FT/Eq PT 2017 ATAR: 87.35                                    | Students will learn the engineering and professional skills, and the entrepreneurial values required to build and manage secure and reliable data platforms. They will develop skills in advanced engineering practice, gain in-depth knowledge in one or more areas of specialisation, and learn to embrace innovation in order to achieve excellence in their engineering futureS.                 | Career options include: Global opportunities to support new functionality of existing platforms and to build next generation data, centric infrastructure across all industries. Roles include big data software architect, data integration engineer, data architect, or chief data officer. |  |
| ELECTRICAL<br>Duration: 5 yrs FT / Eq PT<br>2017 ATAR: 86.05                      | Students will learn about circuits, electronic design, microprocessors, power generation, analogue and digital intelligent control (such as on-board computers in cars, aircraft or trains), fuzzy logic systems and instrumentation.  | Career options include: Working in car and aircraft manufacturing, sustainable energy companies, biomedical and health engineering companies or electronic component manufacturers.   |  |
| ENVIRONMENTAL* Duration: 5 yrs FT/Eq PT 2017 ATAR: 87.00 * Under review for 2018. | Students will learn how to become experts in areas such as environment protection and management, water and air pollution control, waste management, green materials and buildings, renewable energy, environmental impact assessment and sustainability assessment, transport and environmental interactions, treatment of contaminated sites, as well as system and component design construction. | Career options include: Working as environmental consultants; water, waste, soil and energy industries; local councils and government agencies; catchment management authorities; and international development organisations.  |  |
| MECHANICAL<br>Duration: 5 yrs FT / Eq PT<br>2017 ATAR: 87.60                      | Students will study dynamics (the science of moving things) and learn to calculate and control the movement and interaction of solid objects, fluids, heat, energy and power conversion.   | Career options include: Working in automotive, aviation, robotics and manufacturing.  |  |
| MECHATRONIC<br>Duration: 5 yrs FT / Eq PT<br>2017 ATAR: 87.10                     | Students will learn about mechanics, mechanical design, microcontrollers, electronics, computing, and control systems to design, build and manage automated, autonomous and intelligent systems.   | Career options include: Working in biomedical and health, robotics or manufacturing.  |  |
| MECHANICAL AND MECHATRONIC<br>Duration: 5 yrs FT / Eq PT<br>2017 ATAR: 89.15      | Students will study a carefully chosen combination of mechanical and mechatronic engineering subjects to gain a depth and breadth in both disciplines.   | Career options include: Working in biomedical and health, automotive, aviation, robotics and manufacturing.   |  |
| SOFTWARE Duration: 5 yrs FT / Eq PT 2017 ATAR: 85.50                              | Students will develop a sound understanding of the scientific principles and mathematical methods used to solve critical problems and of the trends and innovations shaping the international software industry. The core subjects specifically provide the overarching knowledge and skills in design and   | Career options include: Working in large organisation across the medical, transport, aviation, defence, telecommunications, banking and finance, tertiary research and development industries.  |  |

innovation, project management, economics and finance and

commercialisation and entrepreneurship.





- B Engineering (Hons), B Creative Intelligence and Innovation
   B Engineering (Hons), B Medical Science
- > B Engineering (Hons), B Science
- > B Engineering Science, B Laws^
- ^Not accredited by Engineers Australia

FOR ATARS SEE FRONT PULL-OUT





"During my degree I completed two paid 24-week internship placements, both working in construction with Lendlease. My capabilities as an engineering student were enhanced ten-fold by completing the internships early on."

#### Alexandra Devlin

Bachelor of Engineering (Honours)
Civil and Environmental,
Diploma in Professional
Engineering Practice

Engineering students at UTS complete the Diploma in Professional Engineering Practice, undertaking two six-month internships with companies of their choice. As a result, students gain industry experience and a professional network prior to graduation.

# GET THE PRACTISE THAT MAKES YOU THE PERFECT JOB CANDIDATE

- > Complete a Diploma in Professional Engineering Practice and you'll get two six-month internships to add real world experience to your world class qualification.
- > Get a helping hand. UTS will support you in securing internships through its links with more than 1000 engineering and information technology companies.
- > Burst through the glass ceiling. Our Women in Engineering and IT program will support your ambitions with mentoring, referrals and networking opportunities.
- > Become the well-rounded employee companies earmark for promotion. Gain communication, interpersonal and teamwork skills during your degree.

## CAREERS IN ENGINEERING

#### Career options include:

- > Biomedical engineer
- > Civil engineer
- > Data Engineer
- > Electrical engineer
- > Engineering consultant
- > Environmental engineer
- > Mechanical engineer
- > Project engineer
- > Researcher
- > Software engineer

#### Prepare for an engineering career in:

- > Aerospace, automotive and aviation companies
- > Biomedical and health companies
- > Commercial software companies such as Microsoft or SAP
- > Environmental consultancy companies
- > Major developers such as Mirvac or Multiplex
- > Project management agencies
- > Telecommunication companies and internet service providers

#### **DID YOU KNOW?**

- > The Bachelor of Engineering (Honours), Diploma in Professional Engineering Practice has an 81.5% employment success rate with an average starting salary of \$60,352 (UTS Performance Analysis 2015 Report: UTS KPI – Graduate Workplace Success 2015)
- > Engineering is a top industry sector with strong employment growth projected of 60,100 new jobs before November 2020. For more information on careers visit www.joboutlook.gov.au
- > You may be eligible for an early offer from UAC by completing the Engineering Questionnaire uts.ac/eng questionnaire



# Michael Chan ICT Security Officer Australian Government Department of Finance Bachelor of Engineering, Information Communications and Technology (Computer Systems), Diploma in Engineering Practice\*

### \*This major has been replaced by two separate majors, Data Engineering and Software Engineering.

#### **ICT SECURITY OFFICER**

I graduated with a Bachelor of Engineering majoring in computer systems in 2012. I chose to study at UTS because of its practical experience. The two six-month internships provide an experience that integrates both work and study. Also, the recognition of practical work experience once you graduate sets you apart from other graduates.

A typical career path for someone with my qualifications would be to start out as a technical developer, coder or service desk technician. From here there are three paths they can choose from – registered security assessor, a technical subject-matter expert, or a combination of both.

In my role, I oversee and manage the day-to-day security operations of our IT websites and systems. I am responsible for ensuring that all systems are secured and reporting any security incidents that may disrupt our network. I also prepare and maintain system documentation to sure that these systems meet the Australian Government standards.

**My advice** to anyone considering studying engineering at UTS is to remain open to learning and to apply your skills in the social clubs and activities during your semester. Some of the most valuable experiences and learning don't always come from the lectures, tutorials or textbooks.

**ENGINEERING** 



## THE FUTURE IS IN YOUR HANDS

- > After immersing yourself in theory, you'll engage in practical placements to prepare you for a career in Nursing, Midwifery, Health Science, Sport and Exercise Science or Management.
- > Become an agent of change in health with innovative learning in state-of-the-art facilities, using cutting edge technology. Gain practical experience in nursing and midwifery facilities that are second to none, or be the first to use our world class sport and exercise precinct within the Australian Rugby Development Centre at Moore Park (opening 2018).
- > Learn about breakthroughs as they happen from teaching staff who are experts and leading researchers in their field.
- > Become a young professional who hits the ground running with clinical experience or an internship in leading healthcare organisations.
- > Never feel alone. Our staff will support you to reach your full potential.

www.health.uts.edu.au/future

### **COURSES IN HEALTH**

#### **COURSE NAME COURSE DESCRIPTION CAREER OPTIONS BACHELOR OF** Career options include: Working in health This course equips students with qualifications to make a **HEALTH SCIENCE** difference in a variety of health care settings. With a strong promotion, advocacy, health education, e-health, Duration: 3 yrs FT/6 yrs PT emphasis on the social model of health, students will become planning and policy. This course is also preparation 2017 ATAR: 75.30 (FT) / 75.35 (PT) engaged, adaptive thinkers with a solid understanding of health for further study in graduate entry programs such and health systems. as physiotherapy, pharmacy, clinical psychology, medicine, health services management (and planning), and public health. **BACHELOR OF NURSING** This course prepares students to become Registered Nurses Career options include: Working in diverse Duration: 3 yrs FT / 6 yrs PT working in a variety of settings and providing care that is speciality areas such as community health, 2017 ATAR: 84.20 (FT) / 95.15 (PT) patient-centred, professional, responsible and respectful. critical care, intensive care, aged care, mental The course emphasises hands-on experience. Students will health, operating theatres and paediatrics. Career complete clinical placements in hospitals and other healthcare progression opportunities include working as a settings in every session of the course. clinical nurse consultant, clinical nurse specialist. clinical nurse educator, nurse manager, nurse practitioner or rural and remote practice nurse. **BACHELOR OF MIDWIFERY** This course prepares students to work as competent and Career options include: Registered Midwife Duration: 3 yrs FT confident midwives who practise woman-centred care. From in both hospital and community settings, and in 2017 ATAR: 96.05 the first session of the course, students will gain extensive metropolitan and rural areas. Career progression practical midwifery experience. Every session includes can include specialist and consultancy roles placements in maternity wards and continuity of care (eq. lactation consultant) as well as positions in experiences. management and as a clinical midwifery educator. **BACHELOR OF SPORT AND** This course prepares students for a business, marketing or Career options include: Working in sport **EXERCISE MANAGEMENT** management career within the sport and exercise industry. development, management, fitness consulting. athlete management, sport venue management, Duration: 3 vrs FT Graduates possess a sound knowledge of the biophysical, 2017 ATAR: 85.25 behavioural and socio-cultural foundations of sport and corporate health and fitness, health promotion, exercise combined with the business skills necessary to sport marketing, sport development, sport policy, operate in this dynamic environment. sport event management and physiotherapy [pathway].

### BACHELOR OF SPORT AND EXERCISE SCIENCE

Duration: 3 yrs FT 2017 ATAR: 89.00

This course provides students with a strong understanding of the processes and mechanisms of the human body, and with the knowledge and skills necessary to manage and plan human movement activities in leisure, sport, health and education contexts.

Career options include: Working in sport science, exercise physiology, elite athlete coaching, outdoor education, physiotherapy [pathway] or becoming a personal development, health and physical education (PDHPE) teacher (pathway).

FT = Full-time / PT = Part-time



### COMBINED DEGREES

#### INTERNATIONAL STUDIES

- > B Nursing, BA International Studies
- > B Sport and Exercise Management, BA International Studies
- > B Sport and Exercise Science, BA International Studies

#### TRANSDISCIPLINARY INNOVATION

- > B Midwifery, B Creative Intelligence and Innovation
- > B Nursing, B Creative Intelligence and Innovation

> B Sport and Exercise Science, B Creative Intelligence and Innovation

FOR ATARS SEE FRONT PULL-OUT





"Undertaking clinical placements in a variety of settings gives you first-hand experiences of what it's like in the workplace environment. It helps you decide which type of nursing career you want to pursue after you graduate."

#### **Nicholas Robinson** Bachelor of Nursing

Bachelor of Nursing students undertake approximately 800 hours of clinical placement, allowing them to apply their university training in real-world environments and ensuring they complete the clinical hours required to become a Registered Nurse. Nicholas has completed clinical placements at a number of hospitals across Sydney, including Hornsby Ku-ring-gai Hospital, Lady Davidson Private Hospital, Royal North Shore Hospital and Ryde Hospital.

## **GIVE YOURSELF** A PRACTICAL ADVANTAGE

- > In the health industry, nothing beats practice. That's why there are practical experiences in every one of UTS' health courses.
- > Gain more than 800 hours of hands-on experience in a hospital or health care centre before graduating as a nurse. The Clinical Practice Unit has a huge reach when it comes to partnering with health clinics and hospitals; you'll be able to preference the locations you really want to experience.
- > Follow at least 10 women all the way through pregnancy, birth and the period after birth before graduating with a Bachelor of Midwifery.
- > Develop important industry contacts and enhance your employability with a professional internship in the final year of your Sport and Exercise or Health Science degree.
- > Gain hands-on experience in our clinical nursing and midwifery facilities using state-of-the-art equipment, including robotic patients and birthing manikins.
- > Do something vitally important and rewarding while you accumulate experience by taking a rural placement during your Nursing or Midwifery degree.
- > Acquire your expertise as a Sport and Exercise student in exercise physiology labs at the Australian Rugby Development Centre (opening 2018), which will also accommodate all-Australian and NSW rugby teams, training facilities, sport scientists and researchers.

## CAREERS IN HEALTH

#### Career options include:

- > Registered nurse
- > Registered midwife
- > Exercise physiologist
- > Sport marketing
- > Health promotions officer
- > Public health professional
- > PDHPE teaching (pathway)
- > Physiotherapy (pathway)

## DID YOU KNOW?

- > UTS Nursing and Midwifery classrooms are designed to simulate hospital wards. This helps familiarise students with their future working space on campus and prepares them for their practical placements.
- > From 2018, UTS Sport and Exercise students will be housed within purpose-built facilities in the Australian Rugby Development Centre, bringing together UTS students, elite athletes, high-performance training facilities and sector-leading sport scientists.





Maddie Head
Operations Manager
QBE Sydney Swans Academy
Bachelor of Sport and
Exercise Management

#### **OPERATIONS MANAGER**

I graduated with a Bachelor of Sport and Exercise Management in 2012. When I chose what I wanted to study, I was unsure of which sector of the sports industry I wanted to work in. However, UTS offered a flexible sports and exercise management degree that provided a variety of career opportunities, and that really appealed to me.

A typical career path for someone with my qualifications would be to get as much as experience as possible – the applications of a health degree are elastic. There are new paths opening up in all kinds of sectors, so do your research and create the career you want.

In my role, I coordinate high performance training programs for 600 boys aged between 11 and 19 throughout nine regions of NSW. A combination of the theoretical and practical components in my degree ensured I was well prepared for employment. The internship I completed with Football Federation Australia was valuable in not only developing my understanding of the industry but also expanding my professional network.

**My advice** to students considering the degree would be to go for it! Make sure you gain as much practical experience as you can in the sports industry while you're studying at university. Aim to complete an internship with an organisation that interests you, as it often leads to job opportunities and strengthens your network with key industry contacts.

## UTS: INFORMATION TECHNOLOGY



'Computer art by UTS Prof. Ernest Edmonds, Primary Codes Art Exhibition, Rio de Janeiro 2015'

## MAKE YOUR MARK EARLY

- > Climb the ladder faster with a Diploma in Information Technology Professional Practice that includes industry experience.
- > Fast-track your rise to a leadership position with the Bachelor of Information Technology Co-operative Scholarship for high academic achievers, worth \$49,500 over three years.
- > Graduate from UTS proficient in the technology that matters. You'll study in outstanding facilities in a living building, with remote and 24/7 computer lab access, data arena and internetworking, games and computer graphics labs. These include a software development studio, five purpose-built networking labs fully resourced by Cisco Systems, and a games studio.
- > Open doors that haven't been invented yet with a mix of business and IT skills that equip you to solve business problems using IT.

www.it.uts.edu.au/future



## **COURSES IN IT**

| COURSENAME  | COURSE DESCRIPTION  | CAREER OPTIONS   |
|---|---|--|
| BACHELOR OF COMPUTING SCIENCE<br>(HONOURS)<br>Duration: 4 yrs FT/8 yrs PT<br>2017 ATAR: 80.10   | Students will have a comprehensive introduction to both information technology and computing science that incorporates foundation mathematics with core computing and computing science-specific subjects. This includes computer programming, software design, networking, data science, machine learning and quantum computing.   | Career options include: Diverse career opportunities across a range of industries, including science, health, engineering, finance, transport and telecommunications. Roles include data scientist, artificial intelligence expert, software designer. |
| BACHELOR OF INFORMATION TECHNOLOGY Duration: 3 yrs FT 2017 ATAR: N/A*  * The Bachelor of Information Technology is a Co-operative Scholarship. Selection is based on a combination of ATAR and interview. | This course is a co-operative scholarship sponsored by industry, valued at \$49,500. Designed with input from our sponsors, it has a business focus that enables students to develop a strong understanding of both business practice and technical skills, while also preparing them for management roles in IT.   | Career options include: Project manager, business analyst, information systems manager, IT consultant or programmer/developer.   |
| BACHELOR OF SCIENCE IN<br>INFORMATION TECHNOLOGY,<br>DIPLOMA IN INFORMATION<br>TECHNOLOGY PROFESSIONAL<br>PRACTICE<br>Duration: 4 yrs FT/6 yrs PT<br>2017 ATAR: 80.10                                     | This course takes a practice-based approach to IT education. Students learn both academic theory and practical skills in IT. As well as strong technical skills, students develop capabilities in business analysis, problem solving, teamwork and communication. Students can tailor the course to meet their interests, choosing an IT major and a range of electives.                        | Career options include: Business analyst, IT project manager, network specialist, software developer, systems analyst or web developer.  |
| BACHELOR OF SCIENCE IN<br>GAMES DEVELOPMENT<br>Duration: 3 yrs FT/6 yrs PT<br>2017 ATAR: 90.70  | Today's games are large, sophisticated computer programs that model 3D worlds in detail, implementing realistic physics with computer-controlled characters that connect thousands of players through virtual worlds. This course offers a sound education in all aspects of information technology, enabling students to develop the diverse skills require for a career in games development. | Career options include: Computer animation/graphics specialist or games developer.   |
| FT = Full-time / PT = Part-time   |   |  |



FOR ATARS SEE FRONT PULL-OUT





"During my degree I completed internship placements with WiseTech Global and Westpac Banking Group. Employers really value candidates who have some real-world experience. My internship experiences gave me a better understanding of the role IT processes and applications play across different organisations."

## Micaela Mashiri Bachelor of Information Technology

Micaela undertook two six-month internships as part of her BIT degree. These placements give students the opportunity to gain industry experience and to apply their skills in a real-world setting. Micaela is now employed by the Mobile Application Development Team at Westpac Bank.

## GIVE YOURSELF A PRACTICAL ADVANTAGE

- > Gain at least nine months work experience in your first two years of the Bachelor of Science in Information Technology with the Diploma in Information Technology Professional Practice.
- > In a Bachelor of Information Technology Co-operative Scholarship, you'll complete two six-month industry placements with different sponsor organisations during your first and third years of study.
- > Get the internships you want through the UTS Engagement Unit. It maintains links with more than 1,000 engineering and information technology companies.
- > Use our Women in Engineering and IT program to become the women who make an impact through mentoring, referrals and networking opportunities.
- > Gain soft skills during your course, including communication, interpersonal and teamwork skills.

# CAREERS IN INFORMATION TECHNOLOGY

## Career options include:

- > Artificial intelligence expert
- > Business analyst
- > Computer animator
- > Data scientist
- > Games developer
- > Information systems manager
- > IT consultant
- > Network specialist
- > Programmer/developer
- > Software developer
- > Software engineer
- > Systems analyst
- > Web developer

## **DID YOU KNOW?**

> Software and application programmers are forecast to contribute to employment growth, with 18,000 new jobs predicted by 2020. For more information on careers, visit www.joboutlook.gov.au

> There's more to uni than study – there's the social side too. UTS:IT is home to various clubs and societies including The Programmers' Society and BiG, the leading student society for IT at UTS. Visit **www.activateuts.com.au** to read about all clubs and societies.



CAREER SNAPSHOT



Seline Hardy
Senior Business Analyst
Westpac Group
Bachelor of Business, Bachelor of
Science in Information Technology
Diploma in Information Technology
Professional Practice

#### **SENIOR BUSINESS ANALYST**

I graduated from UTS in 2014. I chose to study at UTS for the hands-on industry opportunities, the unique double degree offering and prestigious reputation that came with studying at the university.

A typical career for someone with my qualifications is really broad. I recommend getting experience within a business unit in your desired area of technology, then slowly taking these skills outside into project delivery to become more customer focused. From there it's a matter of learning and eventually flexing your skills in large-scale transformation programs within your company.

In my role as a senior business analyst at Westpac Group, I help clients realise their opportunities and achieve their strategic roadmaps. My role relies on facilitation, pragmatism and a thirst for learning: facilitation of workshops and working groups to produce achievable outcomes, pragmatism in identifying issues and managing expectations, and the desire to learn more about the business, technology and people.

**My advice** to anyone considering a career in IT is to be proactive! Participate in anything and everything – UTS has the means and opportunities to enhance your university experience. Participate in leadership programs, lend your hand in volunteering and contribute to the world around you.



# MAKE THE WHOLE WORLD YOUR WORKPLACE

Build your gateway to an international career with a Diploma in Languages, or one of two degrees with an international focus:

#### **BACHELOR OF GLOBAL STUDIES**

- > Make the world a better place or make a better place for yourself in the world. This three-year stand-alone degree is your first step to making a difference in the world arena.
- > Acquire expertise on the political, economic and cultural aspects of globalisation.
- > Gain real-world experience through a global internship.
- > Choose a professional major that will open doors in Business, Communication, Health Studies, Legal Studies or Management Studies.
- > Experience another culture first hand and/or learn a language as an international exchange student.

#### **BACHELOR OF ARTS IN INTERNATIONAL STUDIES\***

- > Equip yourself for today's business world without borders, by adding proficiencies in other cultures and languages to your qualification.
- > Select from 14 country majors, and six languages before spending a year overseas at a partner university. Partner locations include: Argentina, Canada (Québec), Chile, China, Colombia, Costa Rica, France, Germany, Italy, Japan, Latino USA, Mexico, Spain and Switzerland.
- > Benefit from having that something extra employers admire, with overseas study and research in your experience.
- > Prepare yourself for a multinational business career with an understanding of what makes other markets tick.
- > Get the academic and financial support you need from UTS for your year abroad.

## www.internationalstudies.uts.edu.au/future

\*Note: this degree must be combined with another UTS degree.



## COURSES IN INTERNATIONAL STUDIES

## **COURSE NAME**

## **COURSE DESCRIPTION**

## **CAREER OPTIONS**

## BACHELOR OF GLOBAL STUDIES\*

Duration: 3 yrs FT / 6 yrs PT 2017 ATAR: 70.25

The course is a highly versatile, professionally-oriented arts degree that takes globalisation in its political, economic and cultural manifestations as its core subject of inquiry. Students draw connections between global phenomena and concrete local practices in work and life, seeing the opportunities and constraints that exist for different groups of people. Students select a major in business, management, communications, health or legal studies

Career options may include: International advisory and management positions in government organisations such as foreign affairs or the UN, non-government agencies, and companies that operate globally.

## BACHELOR OF ARTS IN INTERNATIONAL STUDIES

**Duration:** This degree normally adds an additional two years to another UTS bachelor degree.

2017 ATAR: The Bachelor of Arts in International Studies must be combined with another UTS undergraduate degree. See pull-out at the front of this guide for individual course ATARs.

Students can combine international studies with almost any undergraduate program at UTS. The course adds an international dimension, enabling students to study a professional area, such as business or law, learning a chosen language and immersing themselves in a host culture through a year of overseas study.

Career options are determined by the professional component of the degree. With a degree in International Studies, students gain qualifications in language, intercultural and international awareness, and a country speciality. This added dimension makes students more marketable to prospective employers within their chosen discipline.

#### **ADD-ON PROGRAM**

#### **DIPLOMA IN LANGUAGES**

**Duration:** 6 subjects undertaken alongside a UTS undergraduate degree.

INTERNATIONAL INTENSIVE ELECTIVES

**Duration:** 3-4 week program in Summer session

Add the Diploma in Languages to your degree for the opportunity to learn another language, and study its corresponding culture and society, alongside your degree. Choose one of six languages (French, German, Italian, Spanish, Japanese, Chinese). This diploma adds an international perspective and skills to your professional UTS degree and prepares you for globalised work opportunities.

Offered in the Summer session, International Intensive Electives give students the chance to take part in 3–4 week global experience programs in an international location in Asia, Europe or the Americas. These programs develop skills in intercultural communication for the future global workplace. Choice of three streams: language and culture; contemporary society; and international internships.

FT = Full-time / PT = Part-time \* Course content under review, see website for updates



## COMBINED DEGREES

#### INTERNATIONAL STUDIES

- > B Business, BA International Studies
- > B Communication (Creative Writing), BA International Studies
- > B Communication (Digital and Social Media), BA International Studies
- > B Communication (Journalism), BA International Studies
- > B Communication (Media Arts and Production), BA International Studies
- > B Communication (Public Communication), BA International Studies
- > B Communication (Social and Political Sciences), BA International Studies
- > B Music and Sound Design, BA International Studies
- > B Construction Project Management, BA International Studies
- > B Design in Animation, BA International Studies
- B Design in Fashion and Textiles, BA International Studies
- > B Design in Integrated Product Design, BA International Studies
- > B Design in Interior and Spatial Design^, BA International Studies
- > B Design in Photography, BA International Studies
- > B Design in Visual Communication, BA International Studies

- > B Education, BA International Studies
- > B Engineering (Hons), BA International Studies
- > B Forensic Science, BA International Studies
- B Health Science in Traditional Chinese Medicine, BA International Studies
- > B Laws, BA International Studies
- > B Management, BA International Studies
- > B Medical Science, BA International Studies
- > B Nursing, BA International Studies
- > B Property Economics, BA International Studies
- > B Science, BA International Studies
- B Science in Information Technology, BA International Studies
- B Science in Information Technology, BA Internal
   B Science in Analytics, BA International Studies
- > B Sport and Exercise Management, BA International Studies
- > B Sport and Exercise Science, BA International Studies

^This course may be renamed for 2018.

FOR ATARS SEE FRONT PULL-OUT



Study (ICS) component. In their fourth year of study, students spend two sessions living and studying at one of our 70 overseas partner universities. The map on the opposite page shows the 14 countries currently offered for ICS.



"Studying French at UTS has been so fantastic, made even more so by my upcoming year-long exchange in Lyon, France in 2017. Living overseas for a year allows you to create international connections for future networking opportunities. Most importantly, it enables you to create new experiences, to try new things and step outside your comfort zone."

<u>Celeste McDermott Healey</u>

<u>Bachelor of Communication</u>

(Creative Writing), Bachelor of Arts in International Studies (French)

# SPEND A YEAR STUDYING IN ONE OF THESE COUNTRIES:



- > International Studies can be combined with 29 different degrees at UTS. Go to the pull-out at the front of this quide to see if it's offered with your preferred degree.
- > Students who study International Studies learn a language and culture as part of their degree and spend a full year studying overseas.



## Katya Dobinson

Communications and Engagement
Graduate Consultant
Elton Consulting
Bachelor of Global Studies
(Legal Studies)

#### COMMUNICATIONS AND ENGAGEMENT GRADUATE CONSULTANT

I graduated with a Bachelor of Global Studies in 2014. I chose to study at UTS because of its commitment to giving students as much practical experience as possible to prepare them for the realities of the workforce. The biggest practical experience I gained was going on exchange to China for one semester in my second year. Nothing compares to living and studying in a non-English speaking country.

A typical career path is difficult to define, as the scope of work for someone in my field is very broad. Someone in my role could take career paths in both private sector consulting and the public sector. Working in an international context would also be a possibility as communications skills are easily adaptable and integral to many roles.

In my role as the Communications and Engagement Graduate Consultant at Elton Consulting, every day is different. One day I could be engaging with residents and business owners about a new development happening in their area; or working with our public and private sector clients to create communications collateral; or drafting reports about the outcomes from a council public meeting.

My advice to anyone considering a Global Studies degree is to go into it with a curious mind – there's so much you can experience and learn about during this degree. Also, I recommend for everyone to step outside their comfort zone and take up going on exchange, regardless of what course you choose to study. It'll not only be an unforgettable experience, but it's also valued highly by employers.



## MAKE YOUR MARK EARLY

- > UTS Law is the whole package. Get both the practice and theory you need to be admitted to the Supreme Court of NSW to as a lawyer, all in one place.
- > Learn 'by doing' in small, interactive classes with assessment tasks that mirror real cases. There are no 100% exams.
- > Enjoy a smooth and successful journey through law school with flexible timetabling and comprehensive mentoring programs.
- Make the industry's talent scouts learn your name through our unique Brennan Justice and Leadership Program along with a range of social justice projects that develop your personal and professional leadership skills (and your C.V.)
- > Begin your network in our active and welcoming Law Students' Society. Broaden your uni experience with social activities like the Law Orientation Camp, Law Ball and Law Revue, and develop your legal skills through competitions like witness examination and client interviewing.
- > Work on real-world legal projects, overseas or at home with the Redfern Legal Centre, and receive credits towards your Law degree.
- > Get all the help you need. Our dedicated careers consultant will assist you with career profiling, job search strategy, resume writing and interview techniques.

www.law.uts.edu.au/future



## **COURSE NAME**

BACHELOR OF LAWS Duration: 4 yrs FT / 6.5 yrs PT 2017 ATAR: 97.05 (FT) / 97.00 (PT)

#### **COURSE DESCRIPTION**

The UTS Bachelor of Laws develops students' knowledge and skills in law and its practice from a real-world perspective. The core law subjects ensure a thorough grounding in common law principles while a wide choice of law electives allow students to engage in deeper study in areas of the law that are of particular interest. Students will develop essential work-ready skills such as problem solving, analytical thinking, and spoken and written communication.

This course satisfies the academic requirements for admission as a lawyer in New South Wales. Students wishing to obtain full recognition as lawyers have the option of completing the Practical Legal Training Program, also available at UTS.

#### **CAREER OPTIONS**

Career options include: Lawyer (solicitor or barrister), policy adviser, in-house counsel, judge, human rights advocate, diplomat and business executive, along with a vast array of careers when combining law with another discipline.

FT = Full-time / PT = Part-time



## COMBINED DEGREES

#### ΔW

- > B Business, B Laws
- > B Communication (Creative Writing), B Laws
- > B Communication (Digital and Social Media), B Laws
- > B Communication (Journalism), B Laws
- > B Communication (Media Arts and Production), B Laws
- > B Communication (Public Communication), B Laws
- B Communication (Social and Political Sciences), B Laws
- > B Economics, B Laws
- > B Engineering Science, B Laws
- > B Forensics, B Laws
- > B Laws, BA International Studies
- > B Laws, B Creative Intelligence and Innovation
- > B Medical Science, B Laws
- > B Science, B Laws
- $>\,$  B Science in Information Technology, B Laws

FOR ATARS SEE FRONT PULL-OUT





"Whilst studying at UTS, I have gained a variety of practical experience. I've learnt how to conduct myself as a legal professional, how to organise things such as client files, and I have also learnt the importance of research. My practical legal training with Anti-Slavery Australia gave me firsthand experience of what it's like to communicate with clients and other third parties."

## Rachael Kim-Ainsworth Bachelor of Medical Science, Bachelor of Laws

UTS offers Practical Legal Training, an essential study requirement for anyone wishing to practise law in NSW. UTS is the only university to offer an accredited Practical Legal Training Program in Sydney.

## FAST-TRACK YOUR CAREER

- > Work with a leading international law firm to develop artificial intelligence apps that help address social justice legal problems online.
- > Practice makes perfect candidates for great jobs. Join the UTS mooting program and argue questions of law in mock-court situations.
- > Add 100 volunteer hours with a social justice organisation to your credentials. Become part of our unique Brennan Justice and Leadership Program and engage in practical ways with themes of justice.
- > Be assessed on the real-life legal work that you do during your course. This is an option you can choose over exams and essays in some subjects.
- > Travel abroad and be involved in international conferences, internships, community volunteer projects and short term study programs as part of the UTS BUILD (Beyond UTS International Leadership Development) program.
- > Get hands-on experience with major Sydney law firms and government departments through the Summer Clerkship and Graduate Employment programs.
- > Be known by the best. The High Achievers Mentoring Program gives top performing students access to Sydney's top legal minds and helps them to develop the confidence and professionalism the industry demands.
- > Complete Practical Legal Training (PLT), a compulsory requirement for admission as a lawyer to the Supreme Court of NSW, at UTS the only university in Sydney to offer the course.

## CAREERS IN LAW

A degree in law opens doors to a vast choice of career opportunities. Our graduates have followed diverse career paths, either entering the legal profession or pursuing careers in government, business, media and the arts, education, engineering, information technology, and science. Careers include, but are not limited to:

- > Barrister
- > Business entrepreneur
- > Diplomat
- > Executive manager
- > Forensic expert
- > Human rights advocate
- > In-house counsel
- > Judge/Magistrate
- > Policy adviser
- > Politician
- > Solicitor

## DID YOU KNOW?

A series of ground breaking initiatives have been introduced as part of UTS Law's move to prepare students for the changing landscape of the legal profession. With added industry emphasis on the professional adaptability of law graduates, these initiatives will merge traditional legal education with newer technological practices to help students prepare for the jobs of the future. Examples include the elective subject Disruptive Technologies and the Law, UTS LSS LexisNexis Legal Technology Moot, and the Allens UTS Law Neota Logic Tech Challenge for Social Justice.



Brett Young
Barrister
Bachelor of Laws

#### **TAX BARRISTER**

I graduated from a Bachelor of Laws in 2001. I chose to study at UTS because of its flexibility. UTS was the only innovative law school offering night classes for students working full-time in Sydney's CBD, which meant I could balance both work and study.

**A typical career** for someone with my qualifications is broad. As a tax lawyer you can work in a professional accounting or law firm, small or large corporations, or pursue a career in either the private sector or public service.

In my role as a tax barrister, any given week will include reviewing briefs from taxpayers who have disputed tax debts with the Australian Taxation Office or the New South Wales Office of State Revenue. To resolve these disputes efficiently, my advice generally involves the design of a practical tax dispute plan for the particular client's circumstances.

My advice to future law students is to embrace the university experience and use the learning environment to 'find your fascination'. You may discover your professional 'fascination' within the UTS law school course structure or elsewhere. Also, build your online profile now – use LinkedIn and Facebook to make connections with industry leaders, like-minded professionals and grow your professional network in Australia and abroad.



## MAKERS OF FUTURE INNOVATORS

- > Absorb the knowledge of lecturers who are renowned researchers in their fields, who work closely with industry, and who will pass on current research findings to you.
- > Give yourself the skills employers want: a mix of scientific and transferable skills such as analytical, critical thinking, problem-solving and effective communication.
- > Explore with your hands, enquire with your mind and work on answering the world's most urgent questions.
- > Prepare to tackle the problems of the future in world-class facilities and laboratories, including the UTS Super Lab, a vast laboratory where over 200 students can work in class groups at the same time.
- > Achieve an undergraduate qualification that opens the door to postgraduate study in pharmacy, medicine and dentistry.
- > Obtain a degree that is accredited and recognised by the associations and industries that matter. For example, a Forensic Science degree will give you membership to both the Royal Australian Chemical Institute and the Australian and New Zealand Forensic Science Society.

www.science.uts.edu.au/future



## COURSES IN SCIENCE AND MATHS

| COURSE NAME   | COURSE DESCRIPTION   | CAREER OPTIONS  |
|---|--|---|
| BACHELOR OF SCIENCE<br>Choice of 10 majors, including a<br>flexible major. Refer to the table<br>below for specific majors. | Students can either specialise in a specific major or choose to develop skills in a range of scientific disciplines. Students gain strong critical thinking skills and learn how to apply practical problem-solving skills in a hands-on environment.                                  | Please refer to specific majors below for career options.   |
| BACHELOR OF SCIENCE MAJOR   | RS   |   |
| APPLIED CHEMISTRY Duration: 3 yrs FT / 6 yrs PT 2017 ATAR: 74.10  | Students gain insight into how chemical substances work and the reasons for their behaviour. This course has a strong emphasis on practical skills with lots of laboratory experience, and scientific theory.  | Career options include: Chemist, food technologist, geochemist, toxicologist, QC analyst, lab technician, materials and product developer:  Professional recognition: Royal Australian Chemical Institute.  |
| APPLIED PHYSICS<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 71.20  | Students learn about the interactions of energy and matter, precision measurement techniques, measuring and understanding the laws of nature and how new developments in physics help to expand science and technology in our daily lives (e.g. LED light source, digital camera etc). | Career options include: Conservator, metallurgist, noise consultant, materials analyst, biophysics consultant, sustainable energy researcher, medical and health physicist, atomic and molecular physicist.   |
| BIOMEDICAL SCIENCE<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 76.20   | Students gain an understanding of how the body works, the causes of disease and laboratory techniques for disease diagnosis. This course prepares graduates for study in postgraduate medicine, pharmacy and dentistry.  | Career options include: Infectious disease scientist, cancer researcher, medical lab manager, cytologist, biochemist, microbiologist, geneticist, pathologist and biological oceanographer.   |
| BIOTECHNOLOGY<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 76.20  | Students learn the biological processes of living organisms and how to naturally manipulate these processes in the development of new medicine, food and organic substances.   | Career options include: Product development in industries including pharmaceuticals and agriculture, quality control in food industries, vaccine research and defence technologies. Professional recognition: Australian Biotechnology Society.                 |
| ENVIRONMENTAL SCIENCES Duration: 3 yrs FT / 6 yrs PT 2017 ATAR: 73.05   | Students learn how natural systems and the marine environment works, and how they can be better managed. Gain insight into the way plants, animals, and micro-organisms function through theory, field trips and lab work.   | Career options include: Environment and marine officer, researcher, education officer, conservation consultant, marine scientist, aquatic ecologist, plant pathologist, plant taxonomist, ranger, pest and weed controller.                                     |
| FLEXIBLE Duration: 3 yrs FT / 6 yrs PT 2017 ATAR: 74.25   | The flexible major enables you to study core science and mathematics subjects while specialising in chosen areas of interest.  | Career options: Vary depending on the subjects you choose.<br>Graduates will have versatile soft skills, like communication<br>and team work, that are recognised in almost any industry.   |
| MATHEMATICS<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 76.96  | Students gain a solid understanding of the mathematical foundations of quantitative methods and modelling technologies used in such areas as finance, logistics, health and market research.   | Career options include: Financial consultant, investment<br>analyst, intelligence analyst, banker, computer programmer.<br>Maths graduates are in demand in a wide range of fields such<br>as health, finance and market research etc.                          |
| MEDICAL SCIENCE<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 76.20  | Focus on human anatomy and physiology and gain knowledge of the structure, function and control of the body system, as well as the aetiology and pathophysiology of disease. This course prepares graduates for postgraduate medicine, pharmacy and dentistry.                         | Career options include: Medical scientist, medical imaging technician, anaesthetic technician, cardiac technicia, and gene therapist, or work in drug registration, clinical trials, dietetics, pathology, occupational health, medical research and diagnosis. |
| NANOTECHNOLOGY<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 71.60   | Students gain insight into how the world works at the level of atoms and molecules, and how to apply that knowledge to improve or produce products that are more sustainable. Examples of nanotechnology products include sunscreen and iPhones etc.                                   | Career options include: Nanotechnologist, materials analyst or scientist, composite technologist, investment advisor, product developer, and imaging specialist.  Professional recognition: Australian Institute of Physics.                                    |
| STATISTICS Duration: 3 yrs FT / 6 yrs PT 2017 ATAR: 76.95   | Students gain an understanding of mathematical statistics and its applications, as well as skills to interpret data and to design data collection for maximum information at a given cost.   | Career options include: Market researcher, quantitative data analyst, banker, investments analyst, systems analysts, credit risk analyst, maths teacher, logistics and business modelling analyst.  |

continued on next page...

| BACHELOR OF ADVANCED SCIENCE MAJORS   |   |  |  |  |
|---|---|--|--|--|
| MAJOR NAME  | MAJOR DESCRIPTION   | CAREER OPTIONS   |  |  |
| ADVANCED MATERIALS AND<br>DATA SCIENCE<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 99.95 | Students learn the properties and development of materials, how to measure and test these properties using various experimental techniques, and how to design new materials using computer simulations.   | Career options include: A range of roles based around materials development, and improvement and application of new materials. Work for government, including defence, or in the commercial sector.  |  |  |
| ENVIRONMENTAL BIOTECHNOLOGY<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 95.05            | Students learn how to manage microbes that impact the environments that we depend on, and learn how to use these microbes to solve problems that can lead to commercial products. Examples include the use of algae to produce biofuels, and agricultural feed stocks.  | Career options include: A range of roles in industrial biotechnology for the energy sector (biofuel), agricultural sector (feedstock) and environmental management (phyto-remediation).  |  |  |
| INFECTION AND IMMUNITY Duration: 3 yrs FT / 6 yrs PT 2017 ATAR: 96.05                       | Students learn how micro-organisms cause infections, how the host prevents and responds to infection, and how processes both in the microbe and the host can be targeted in clinical applications for diagnosis, treatment and protection against microbial infection.  | Career options include: A range of roles in drug<br>discovery, vaccine development, drug synthesis,<br>biotechnology, medicine, pharmaceuticals, patent law<br>and public health.  |  |  |
| PRE-MEDICINE Duration: 3 yrs FT / 6 yrs PT 2017 ATAR: 96.20                                 | Students learn the foundational knowledge, theory and practices that underpins both medical research and the health professions. In the latter years, course content will focus on preparing students for future careers in the health professions.   | Career options include: Graduates will be prepared to study postgraduate medicine, or for careers in health-related professions such as pharmacy, physiotherapy and other primary contact care professions; or health policy writing and technical support of medical devices.                   |  |  |
| SPECIALIST BACHELOR DEGREES   |   |  |  |  |
| COURSE NAME   | COURSE DESCRIPTION  | CAREER OPTIONS   |  |  |
| BACHELOR OF BIOMEDICAL PHYSICS<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 90.30         | Students gain skills and expertise in physics and its biomedical applications, ranging from the use of nanoparticles as diagnostic and therapeutic agents to medical imaging and diagnostic instrumentation.  | Career options include: Radiation oncology; medical imaging; radiation safety; instrument development, from MRIs to simple glucose monitors or therapeutic agents based on nanoparticles.  |  |  |
| BACHELOR OF BIOMEDICAL SCIENCE<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 81.00         | Refer to Bachelor of Science majoring in Biomedical Science on page 47.   | Career options include: See career information for<br>Bachelor of Science in Biomedical Science on page 47.  |  |  |
| BACHELOR OF BIOTECHNOLOGY<br>(NEW)<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 85.40     | Students choose from four majors: Medical Biotechnology, Environmental Biotechnology, Computational Biotechnology or Biosensor Technology. Students gain an understanding of the biological processes of living organisms and the skills required to naturally manipulate these processes in the development of new medicines, food and organic substances. | Career options include: Depending on the chosen major, options include: Biotechnological research, product and development positions in agricultural, biomedical, chemical, communications, energy, environmental, manufacturing, medical and pharmaceutical companies.                          |  |  |
| BACHELOR OF ENVIRONMENTAL<br>BIOLOGY<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 72.25   | This major focuses on the protection and management of natural ecosystems. Students learn through a combination of theory, field trips and lab work. Excursion is a core component of this major.   | Career options include: Environmental and protection officer, researcher, consultant, aquatic ecologist, entomologist, land economist, mapping scientist, plant pathologist, plant taxonomist, ranger, pest and weed controller.   |  |  |
| BACHELOR OF FORENSIC SCIENCE<br>(NEW)<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 85.35  | Students choose from four majors: Biology, Chemistry, Crime Scene Investigation or Digital Forensics. Students gain a thorough understanding of how forensic science can solve and prevent crime. This is a hands-on course conducted in world-class facilities that are modelled on operational laboratories.  | Career options include: Depending on the chosen major, options include: Positions in the police service; state and federal law enforcement agencies; environmental protection agencies; pharmaceutical, chemical and analytical industries; DNA testing laboratories or scene of crime officers. |  |  |

| SPECIALIST BACHELOR DEGREES  |   |   |
|--|---|---|
| COURSE NAME  | COURSE DESCRIPTION  | CAREER OPTIONS  |
| BACHELOR OF HEALTH SCIENCE IN<br>TRADITIONAL CHINESE MEDICINE<br>Duration: 4 yrs FT/8 yrs PT<br>2017 ATAR: 82.25 | Students will prepare to work as Chinese medicine practitioners, and equipped with knowledge of traditional Chinese medicine, pharmacology of Chinese herbal medicine, Chinese massage, acupuncture and Chinese diagnostics.                      | Career options include: Private practitioner in acupuncture, Chinese herbal medicine and Chinese massage, clinical therapist, researcher; nutrition and health consultant. Professional recognition: Chinese Medicine Board of Australia.               |
| <b>BACHELOR OF MARINE BIOLOGY</b><br><b>Duration:</b> 3 yrs FT / 6 yrs PT<br><b>2017 ATAR:</b> 72.80             | Students learn how the marine environment works and how it can be better managed. They gain a thorough understanding of the way plants, animals and micro-organisms function in marine ecosystems.  | Career options include: Work with national and wildlife<br>parks, marine and environmental protection authorities,<br>coastal management, education and conservation<br>consulting. Professional recognition: Australian<br>Marine Science Association. |
| BACHELOR OF MEDICAL SCIENCE<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 87.05                                 | Refer to Bachelor of Science majoring in Medical Science on page 47.  | Career options include: See career information for<br>Bachelor of Science in Medical Science on page 47.  |
| BACHELOR OF MEDICINAL<br>CHEMISTRY<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 85.20                          | Students learn how to undertake the design, discovery and development of new drugs. The course is a research-inspired and transdisciplinary degree that equips students with the skills for careers in medicinal chemistry and more.              | Career options include: A range of careers in drug discovery and development, pharmaceutical science, biotechnology and more.   |
| BACHELOR OF SCIENCE IN<br>ANALYTICS<br>Duration: 3 yrs FT / 6 yrs PT<br>2017 ATAR: 89.75                         | Students study key areas of business activity and develop a broad range of mathematical, statistical, computational and data management skills, as well as experience in the use of the information technology required for modern data analysis. | Career options include: Positions in data science, business analytics, consumer analytics, marketing research, logistics management, credit risk management, stock market analysis, portfolio management and financial risk management.                 |



- > B Advanced Science, B Creative Intelligence and Innovation
- > B Biomedical Physics, B Creative Intelligence and Innovation
- > B Biotechnology, B Business
- > B Engineering (Hons), B Medical Science
- B Engineering (Hons), B Science
- > B Forensic Science, B Laws
- > B Forensic Science, B Laws (Hons)
- > B Forensic Science, B International Studies
- > B Forensic Science, B Creative Intelligence and Innovation
- > B Health Science in Traditional Chinese Medicine, BA International Studies
- > B Medicinal Chemistry, B Creative Intelligence and Innovation

- > B Medical Science, BA International Studies
- > B Medical Science, B Business
- > B Medical Science, B Laws
- > B Medical Science, B Law (Hons)
- > B Science, BA International Studies
- > B Science, B Business
- > B Science, B Creative Intelligence and Innovation
- > B Science, B Laws
- > B Science, B Laws (Hons)
- > B Science in Analytics, BA International Studies

FOR ATARS SEE FRONT PULL-OUT

## CAREER SNAPSHOT



Principal Research Fellow, Australian Red Cross Blood Service Bachelor of Medical Science (Honours)

## PRINCIPAL RESEARCH FELLOW

I graduated from a Bachelor of Medical Science (Honours, first class) in 2002. I chose to study at UTS because I found the Science subjects to be the most interesting. I was especially interested in immunology, haematology and transfusion science. I enjoyed them so much that I now teach those exact subjects.

A typical career path for someone with my qualifications is to complete their undergraduate science degree with honours, followed by their PhD. From here they'll be able to work in post-doctoral research positions in multiple institutes, including in academia and industry.

In my role as a principal research fellow at the Australian Red Cross Blood Service, I work in the product storage and development group where my research focuses on improving the quality of platelets for transfusion. With research it's important to realise that no day is ever the same. The nature of experiments means that no matter how well you plan for something to happen that day, it doesn't necessarily mean that it'll happen. You need to be organised but flexible.

My advice to future science students is to be open to new opportunities. The skills acquired over the course of a science degree are not limited to pipetting and performing laboratory-based tasks. You'll also learn the skills of communication, critical thinking, problem solving, organisation and collaboration. It's such an exciting time to enter the scientific arena, as technology and innovation are forefront in the minds of government, universities and employers across the world.



"During my degree I interned at EnGeneIC, a biopharmaceutical research company. This has definitely been the highlight of my degree. My internship gave me a better understanding of tissue culture, flow cytometry and in vitro drug treatment. This experience has advanced my workplace skills such as critical thinking, teamwork, and independent learning, which overall improves my employability."

## **Gemma Stubbs**

Bachelor of Biotechnology

## CAREERS IN SCIENCE

#### Some career options include:

- > Chemist
- > Conservation consultant
- > Crime forensic toxicologist
- > Data analyst
- > Energy technologist
- > Environmental analyst
- > Forensic scientist
- > Marine biologist
- > Medical scientist
- > Microbiologist
- > Researcher

Download the UTS:Science Careers Guide at www.science.uts.edu.au/future

# THINK OF US AS AN INNOVATOR INCUBATOR

- > Begin accumulating laboratory or clinical experience from day one, with approximately 20 contact hours each week.
- > As a student studying mathematics, get experience with the latest mathematical software and analytical tools, with approximately 16 contact hours each week.
- > Experience science at work now through the field trips and industry excursions that are part of subjects such as Complex Forensic Cases, Bioreactors and Bioprocessing, Marine Geosciences, and Environmental Protection.
- > Graduate with an impressive C.V. that includes internships and research projects with industry partners such as ANSTO, CSIRO, and NSW Police.



# IMAGINE AND CREATE THE FUTURE

- > Become tomorrow's leader, equipped to show the world new ways of thinking that integrate knowledge and practices from many different fields.
- > Learn about creativity, technology and innovation as a standalone degree, a combined degree, or alongside another UTS degree.
- > Become the problem-solver that tackles complex, global challenges to change the future. Learn to explore problems from many perspectives, take risks and propose viable broad-range responses.
- > Make your mark while you learn. Collaborate with industry, community, government and academic researchers on real briefs and projects.
- > Make a difference. This is your opportunity to become the tech-savvy innovator, creative thinker, communicator and resilient team player.
- > Equip yourself with the standout ability to change existing industries and practices, create new industries, form start-ups or build your own career.
- > A one-of-a-kind challenging experience for radical thinkers and future innovators.

## www.tdi.uts.edu.au/future



"During the BCII program, I've had the opportunity to collaborate with industry partners such as Google, Visa, the ABC and the City of Sydney. I've been able to work on real-world problems that these organisations are facing, and it's made for a very good crash course in learning how to deal with actual complexities."

## Tommaso Armstrong

Bachelor of Science in Information
Technology, Bachelor of
Creative Intelligence and Innovation

Tommaso was part of a team of four UTS students and graduates who won best 'Intangible Product' in the prestigious Virginia Tech KnowledgeWorks Global Student Entrepreneurship challenge.

# GRADUATE WITH REAL EXPERIENCE

- > Work on real client briefs and live projects.
- > Create real change. Work with industry partners to help them think creatively and innovatively about their challenges and opportunities.
- > Complete an internship in the final year of your BCII degree, or in the second year of your BTi degree.
- > Create a CV that proves your worth. Complete a major capstone project in the final year of both the BCII and BTi degrees and demonstrate your capabilities in real industry cases.
- > Get hands-on experience with current and emerging technologies and apply your technology skills to problem-solving challenges in the BTi technology labs.
- > Build the network that accelerates your ambitions. Connect with local startup culture, including the UTS Hatchery and Hatchery+ to ignite your entrepreneurial spirit.

# COURSES IN TRANSDISCIPLINARY INNOVATION

## **COURSE NAME**

## BACHELOR OF CREATIVE INTELLIGENCE AND INNOVATION

Duration: Creative Intelligence and Innovation subjects are undertaken during Winter and Summer sessions, with one year of full-time study at the end of your professional degree.
2017 ATAR: See pull-out at the front of this guide for individual ATARs.

This degree must be combined with a core degree. See full list below.

## BACHELOR OF TECHNOLOGY AND INNOVATION

**Duration:** 3 years FT **2017 ATAR:** 84.80

#### **COURSE DESCRIPTION**

Students focus on the high-level conceptual thinking and problem-solving practices that lead to the development of innovative, creative and entrepreneurial outcomes. Students of the combined degree also gain leading-edge capabilities that are highly valued in the globalised world, including dealing with critical and creative thinking, invention, innovation, future scenario building and entrepreneurship, and the ability to work across other disciplines. These creative intelligence competencies enable graduates to navigate across a rapidly accelerating world of change.

Students develop technological knowledge, as well as practices, perspectives and strategies drawn from a diverse range of discipline areas. Students learn to think critically and creatively; to frame, model and respond to complex problems; and to articulate their ideas persuasively using a variety of tools and methods.

#### **CAREER OPTIONS**

In combining a degree with the Bachelor of Creative Intelligence and Innovation (BCII), students graduate with the ability to think across and beyond their disciplines in innovative ways and to be at the innovative edge of their chosen professions..

Career options include: technology fusionist; digital experience curator, intelligent system designer; technology policy advisor, innovation change manager; IoT architect; augmented reality designer; social entrepreneur.

#### **ADD-ON PROGRAM**

#### **DIPLOMA IN INNOVATION**

**Duration:** The diploma must be undertaken in conjunction with an undergraduate bachelor degree (excluding the BTi or BCII); it consists of intensive subjects in winter and summer sessions.

Taking a transdisciplinary approach the Diploma in Innovation engages students with open, complex and networked problems, and in doing so develops students' capacity for complex systems thinking, creating value in problem solving and inquiry, imaginative and ethical citizenship, and entrepreneurial/intrapreneurial skills.

FT = Full-time / PT = Part-time

## COMBINED DEGREES

- > B Advanced Science, B Creative Intelligence and Innovation
- > B Biomedical Physics, B Creative Intelligence and Innovation
- > B Business, B Creative Intelligence and Innovation
- > B Communication (Creative Writing), B Creative Intelligence and Innovation
- B Communication (Digital and Social Media), B Creative Intelligence and Innovation
- > B Communication (Journalism), B Creative Intelligence and Innovation
- $> \ \ B\ Communication\ (Media\ Arts\ and\ Production),\ B\ Creative\ Intelligence\ and\ Innovation$
- > B Communication (Public Communication), B Creative Intelligence and Innovation
- > B Communication (Social and Political Sciences), B Creative Intelligence and Innovation
- > B Design in Animation, B Creative Intelligence and Innovation
- > B Design in Architecture, B Creative Intelligence and Innovation
- > B Design in Fashion and Textiles, B Creative Intelligence and Innovation
- > B Design in Integrated Product Design, B Creative Intelligence and Innovation
- > B Design in Interior and Spatial Design\*, B Creative Intelligence and Innovation
- B Design in Visual Communication, B Creative Intelligence and Innovation
- > B Engineering (Hons), B Creative Intelligence and Innovation
- > B Forensic Science, B Creative Intelligence and Innovation
- > B Laws, B Creative Intelligence and Innovation
- $\,>\,$  B Management, B Creative Intelligence and Innovation
- > B Medical Chemistry, B Creative Intelligence and Innovation
- > B Midwifery, B Creative Intelligence and Innovation
- > B Nursing, B Creative Intelligence and Innovation
- > B Science, B Creative Intelligence and Innovation
- > B Science in Information Technology, B Creative Intelligence and Innovation
- > B Sport and Exercise Science, B Creative Intelligence and Innovation

<sup>\*</sup>This course may be renamed for 2018

# ENTRY SCHEMES & ENTRY PATHWAYS

## ENTRY SCHEMES

Entry schemes improve your chances of getting into the course you want by allowing criteria in addition to your ATAR to be considered when your application is assessed. Entry schemes available at UTS include:

#### Year 12 Bonus Scheme

If you're a high school student, you may receive up to five bonus points under the Year 12 Bonus Scheme, which awards points based on HSC subject performance.

## **Business Cadetship Bonus Points**

If you want to study the Bachelor of Business at UTS, and have received a formal cadetship offer, you may be eligible for five bonus points to help your application.

#### **Engineering Questionnaire**

If you want to study any of the Bachelor of Engineering (Honours), Diploma in Professional Engineering Practice courses at UTS, you may be eligible to receive an early offer from UAC by completing the Engineering Questionnaire.

## inpUTS-Educational Access Scheme (EAS)

If you've experienced educational disadvantage as a result of family, personal or financial circumstances, you can apply for inpUTS EAS through the Universities Admissions Centre. If eligible, you will be given a 10-point concession on the entry cut-off for any UTS course.

## **Equity-Funded Schools**

If you're completing Year 12 in a school identified within UAC's EAS school lists, and you meet the minimum ATAR of 69, you are automatically eligible to receive a 10-point concession for entry to any UTS course through inpUTS.

## Elite Athletes and Performers Special Admissions Scheme

If you've competed in sport at a national level, or have been involved in extensive or significant productions in Australia or overseas, you may be eligible to receive five bonus points if these commitments have had an impact on your prior studies.

## **Jumbunna Pathways Program**

If you identify as an Australian Aboriginal or Torres Strait Islander, Jumbunna Indigenous House of Learning can offer specialised assistance to help you gain entry into UTS. Working closely with Jumbunna, UTS:INSEARCH offer a scholarship program that aims to bring UTS within reach for Indigenous students.

## **Schools Recommendation Scheme**

This scheme helps Year 12 students gain entry into university by focusing on supporting students who have the potential to succeed at university, but may not receive an offer based on ATAR or inpUTS-EAS alone. To be considered for the Schools Recommendation Scheme you must demonstrate financial hardship or school environment (SO1E or SO1C), and achieve a pre-determined ATAR of 69 (or ATAR of 80 for Law).

For full details on UTS entry schemes, visit

www.undergraduate.uts.edu.au/ entryschemes

## ENTRY PATHWAYS

Didn't get the ATAR for the course you want? You have options.

First, see if you're eligible for any of the UTS Entry Schemes listed on the left.

Next, consider the following:

#### Enrol in a related course

Find a UTS course similar to the course you want but with a lower ATAR (e.g. some combined degrees have a lower cut-off than a single degree). You then have the following options:

## > Use your electives

Electives allow you to take subjects that interest you from almost any area of study.

## > Re-apply after a year

You can apply to transfer to your preferred course after completing one full-time year of university. The marks you earn in this first year of study will be considered in addition to your ATAR. Transferring is a competitive process, so achieving good marks during your first year is essential.

## Enrol in related study or get some work experience.

#### > Related university study

Enrol in a similar course with a lower ATAR at another university. Marks you earn during your first year of study will be considered, in addition to your ATAR, when you apply to transfer to your preferred UTS course. Transferring from another university is a competitive process, so achieving good marks in your first year is essential.

## > TAFE or private college diploma

Completing an Australian Qualifications Framework Diploma at TAFE or a private college (and achieving good marks) will help your application into the majority of UTS bachelor degrees. You may also be eligible for credit recognition for certain subjects.

## > Retake your HSC at TAFE

TAFE offers you the opportunity to complete your HSC in one year. Alternatively, prepare for university with the Tertiary Preparation Certificate at TAFE.

#### > UTS:INSEARCH diplomas

UTS:INSEARCH is the pathway provider to UTS and offers a range of diploma programs. These diplomas give you the opportunity to fast-track into the second year of your desired UTS degree\*. UTS:INSEARCH diplomas have been designed in consultation with the corresponding UTS faculty and are offered in six areas: Business, Communication, Design & Architecture, Engineering, Information Technology and Science. For more details and articulation requirements, visit

#### www.insearch.edu.au

\*Domestic students who successfully complete a UTS:INSEARCH diploma with the required grade point average (GPA) are guaranteed entry into a UTS degree with 48-credit-points of recognition, except students in some Science courses who will receive 42-credit-points, and Design students, who will receive 36-credit-points of credit recognition. If a student does not achieve the guaranteed GPA then they will compete with other applicants based on the cut-off ATAR for their year of application. See www.insearch.edu.au for full details.

## Jumbunna UNISTART Tertiary Preparation Program

UNISTART is a pathway for Aboriginal and Torres Strait Islander people who want to go to university but may not have their HSC or formal qualifications. You study full-time with a small group of Indigenous students, with a focus on building your confidence and academic skills in a subject area of your interest. Successful completion of UNISTART provides entry to the UTS undergraduate course of your choice, with up to half a year of credit towards your degree.

www.jumbunna.uts.edu.au

For full details on UTS pathways, visit www.undergraduate.uts.edu.au/pathways

## SCHOLARSHIPS

## Did you know UTS offers over 1,000 scholarships each year?

These scholarships are awarded for a variety of reasons. Many recipients are rewarded for achievement, such as academic and sporting excellence. Other scholarships support students in need or encourage a greater participation from students of diverse backgrounds.

## **UTS SCHOLARSHIPS INCLUDE:**

## High achievers scholarships

Awarded to students who have excelled academically. Some scholarships are awarded across all UTS undergraduate degrees (e.g. the UTS Vice Chancellor's Outstanding Achievement Scholarship, valued at \$12,500 per annum for the duration of the course), while other scholarships are offered only to students within a specific faculty (e.g. the UTS Business Dean's Scholarship, valued at \$30,000).

#### Co-operative scholarships

Co-operative scholarships are awarded to candidates with a good academic record, demonstrated leadership potential, enthusiasm and dedication, and a genuine interest in an Accounting, IT or Engineering career. Co-operative scholarships are sponsored by partner organisations and usually involve an internship component. UTS offers three co-operative scholarships:

- > Bachelor of Accounting Co-operative Scholarship Program (See page 11)
- > Bachelor of Information Technology Co-operative Scholarship Program (See page 35)
- > Engineering Industry-Based Merit Scholarships

## **Equity scholarships**

Equity scholarships are awarded to students experiencing financial hardship. Other forms of educational disadvantage are also considered such as disability or an ongoing medical condition, a rural home address, a refugee background or carers' responsibilities.

## Scholarships for women

UTS offers scholarships to encourage women to undertake study in traditionally male-dominated disciplines, such as engineering.

## Scholarships for Indigenous Australians

UTS provides a number of scholarships for Aboriginal and Torres Strait Islander students. Scholarships are generally awarded on academic merit or on a combination of academic merit and financial need.

#### Scholarships for athletes

ActivateUTS assists students to combine high performance sport with their studies, supporting them to excel in both areas. There are three scholarships: the Elite Athlete Program, Emerging Athlete Program and Elite Athlete Housing Scholarship.

## **Application dates**

Scholarship application dates vary. Ensure you check the UTS scholarship website for specific closing dates at www.uts.edu.au/future-students/scholarships

## Find the UTS scholarship most relevant to you

With so many scholarships on offer, it can be a challenge to figure out which ones you're eligible for. Our online search tool will filter scholarships according to the criteria that best describes you. Visit www.uts.edu.au/future-students/scholarships



# FEES & FINANCIAL ASSISTANCE

## **UNI FEES**

All universities charge tuition fees. How much you pay depends on which course you're studying and the subjects you choose.

#### **Local students**

Most local students will be studying in a Commonwealth Supported Place (CSP), where the Australian Government makes a contribution to the cost of your study while you pay a 'student contribution'.

#### > Student contribution

Student contributions are calculated per subject. Subjects are split into three bands, with each band varying in cost. See the table (right) as a guide to the cost of your student contribution for one year of full-time study.

#### > HECS-HELP

Most domestic students pay their student contribution through the HECS-HELP scheme. This means the government lends you the money to pay your student contribution, which is paid directly to the university. You will start repaying your HECS-HELP loan when your income gets above a certain amount. For the 2016–2017 tax year, the repayment threshold is \$54,869.

Loan repayments can be automatically deducted from your wages if you choose, just like tax. If you don't want to incur a HECS-HELP debt, pay your student contribution upfront by the due date. Australian citizens, students on humanitarian visas and holders of a New Zealand SCV (that meet the long-term residency requirements) are eligible for HECS-HELP. If you're a New Zealand citizen and do not meet eligibility requirements or hold an ordinary permanent resident visa, you must pay your fees upfront. For more information, visit

www.studyassist.gov.au

## STUDENT CONTRIBUTION BANDS 2017

| BAND   | AREA OF STUDY   | 2017 STUDENT<br>CONTRIBUTION<br>FOR 1 FULL-TIME YEAR | 2017 STUDENT<br>CONTRIBUTION<br>FOR 1 X 6CP<br>SUBJECT* |
|--------|---|--|---|
| Band 3 | Law, Accounting, Commerce,<br>Economics, Administration,<br>Dentistry, Medicine, Veterinary<br>Science  | \$10,596   | \$1,324   |
| Band 2 | Mathematics, Statistics,<br>Computing, Built Environment,<br>Other Health, Allied Health,<br>Engineering, Science,<br>Surveying, Agriculture        | \$ 9,050   | \$1,131   |
| Band 1 | Humanities, Behavioural<br>Science, Social Studies,<br>Education, Clinical Psychology,<br>Foreign Languages, Visual and<br>Performing Arts, Nursing | \$ 6,349   | \$ 793  |

<sup>\*</sup>Not all UTS subjects are 6 credit points; subject fees will vary according to credit point value

## > Student Services and Amenities Fee

This fee funds UTS social and cultural clubs; services for developing students' study skills; ActivateUTS food, beverage and retail outlet; and the secondhand bookstore. If you're an Australian citizen, on a permanent humanitarian visa, or hold a New Zealand SCV (and meet the long-term residency requirements), this fee may be deferred through a government loan scheme called SA-HELP.

#### International students

This guide is not intended for international students. For information on fees for international students, visit www.international.uts.edu.au

## UTS FINANCIAL ASSISTANCE

The Financial Assistance Service helps with the practical and financial aspects of life at university, including information on the Centrelink Student Support benefits, government HECS and FEE-HELP tuition loans. budgeting, nil-interest short-term UTS student loan and help with completing PAYG annual income tax returns. They also support equity-based programs, grants and scholarships to help low income, local students struggling to meet the costs of necessary course requirements such as text books; laptops, and add-on costs resulting from internships and work-place practical experience requirements. For more detailed information, visit:

## www.uts.edu.au/current-students/ support

## **Government income support**

Australian citizens and permanent residents may be eligible for a Centrelink benefit.

Visit www.humanservices.gov.au

## APPLYING TO UTS

www.undergraduate.uts.edu.au/apply



Check out the course information pages of this guide (pages 10 – 53), as well as the UTS website **www.uts.edu.au** 

# CHECK OUT YOUR ENTRY REQUIREMENTS

#### High school leavers:

If you complete your HSC (or equivalent) in 2017, selection for most UTS undergraduate courses will be based entirely on your ATAR. As a guide, use the 2017 ATAR pull-out at the front of this quide.

#### Mature age and non-current school leavers:

If you're not a high school leaver, your ATAR or post-school qualifications/study may be considered along with additional selection criteria:

- > Personal statements (Health courses only)
- > Design portfolio (all Design courses)
- > Minimum one year of work experience (courses within the Faculty of Engineering and IT)

#### **Indigenous students**

If you're an Australian Aboriginal or Torres Strait Islander, Jumbunna Indigenous House of Learning can provide specialised assistance to help you gain entry to UTS through the Jumbanna Pathways Program (see page 54) or UNISTART Program (see page 55).

Tel: 1800 064 312 (free call within Australia) www.jumbunna.uts.edu.au

#### International students

This guide is not intended for international students and not all courses listed in this guide are available to international students. Course information for international students is available in the UTS International Course Guide, and online at www.international.uts.edu.au

Applicants who are not citizens or permanent residents of Australia, or citizens of New Zealand, must apply as international students directly through UTS International.

Tel: 1800 774 816 (free call within Australia) Tel: +61 3 9627 4816 (for international calls) www.international.uts.edu.au

# VISIT UTS AND INVESTIGATE YOUR OPTIONS

## **Attend UTS Open Day**

When? Saturday 26 August 2017.

Visit our campus and attend a range of lectures and info sessions, and talk one-on-one with UTS academics and students.

www.openday.uts.edu.au

#### Check if you're eligible for scholarships

When? Scholarships open as early as April 2017.

See if you're eligible for one of the many available scholarships at www.uts.edu.au/future-students/scholarships

## Investigate your eligibility for entry via entry schemes

UTS offers various entry schemes to assist students with getting into university. See pages 54–55 for a list of schemes.



**When?** On-time applications close at the end of September 2017\*.

Applications for most UTS undergraduate courses must be lodged online through the Universities Admissions Centre (UAC) at

#### www.uac.edu.au

All the information you need on how to do this is in the UAC Guide – on sale in most newsagents or accessible on the UAC website. Year 12 students can obtain a free copy of the guide from their school.

If the course you're applying for has additional selection criteria, you may need to submit additional material to UTS, separate to your application with UAC. Check out the UTS: Handbook for specific course application details.

www.handbook.uts.edu.au

5

REVIEW YOUR OPTIONS ONCE YOU RECEIVE YOUR RESULTS

## Check if you're eligible for bonus points

**When?** Once your HSC results are released on 14 December 2017#.

With your performance bands in hand, visit our bonus points table to see if you're eligible for up to five bonus points in addition to any points you may receive from one of our other entry schemes. www.undergraduate.uts.edu.au/entryschemes



GETTING IN APPLYING TO UTS

Main round offers are e-released via UAC. Check the UAC website for offer round dates at www.uac.edu.au

## **ONCE YOU'RE IN...**

If you receive an offer to study at UTS, keep the following dates in mind.

**January to late February 2018:** Enrolment for new students.

**19 Feb–9 March 2018:** Orientation Autumn Session for new students.

Monday 12 March 2018: Autumn Session begins.



## VISIT US

UTS Open Day Saturday 26 August 2017 9am – 4pm

Register at www.openday.uts.edu.au

## POST IT







## BROWSE

www.uts.edu.au

# VISIT AUSTRALIA'S #1 YOUNG UNI



# UTS OPEN <u>DAY</u>

**SATURDAY 26 AUGUST 2017** 

9am – 4pm

Register at openday.uts.edu.au

**DISCLAIMER:** The information in this brochure is correct as of February 2017. Changes in circumstances after this date may alter the accuracy or currency of the information. UTS reserves the right to alter any matter described in this brochure without notice. Readers are responsible for verifying information that pertains to them by contacting the University.

Note, this guide is for local students. International students should refer to the International Course Guide or www.uts.edu.au/international

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