

UTS: SCIENCE & BUSINESS

BACHELOR OF SCIENCE, BACHELOR OF BUSINESS
UAI 2007 – 84.35

WHY SCIENCE & BUSINESS?

The aim of this combined degree program is to produce graduates who are prepared for scientific practice in technically orientated businesses. Graduates will be equipped for immediate employment into scientific firms and institutions in areas of management and business.

Demand is increasing for graduates who can cross the divide between science and business. At UTS, we teach the knowledge and practical skills that employers want and need in both science and business-related fields.

WHAT WILL I LEARN?

This course combines the study of both science and business and is extremely flexible, allowing you to choose both the science and business majors you want to study. Therefore, you are able to chart your own career path through your chosen majors.

SCIENCE MAJORS

- Applied Chemistry
- Applied Physics
- Nanotechnology
- Biomedical Science
- Medical Science
- Biotechnology
- Environmental Biology
- Marine Biology
- Environmental Forensics
- Mathematics

BUSINESS MAJORS

- Accounting
- Advertising and Promotions Management
- Banking
- Electronic Business
- Economics
- Finance
- Financial Planning
- Human Resource Management
- International Business
- Management
- Marketing
- Sport Management
- Tourism

Note: Information Technology major is NOT available to students in this program.

Students are required to complete 96 credit points of Science subjects and 96 credit points of Business subjects. You will be required to take two (2) Science and two (2) Business subjects each semester. Upon successful completion of this combined degree program, graduates will be awarded two testamurs.

CAREER OPTIONS

Graduates from this combined degree program will find employment opportunities as a scientist, researcher, analyst, communicator, manager, marketer, technical representative with industries, government, scientific firms, research organisations and large corporations.

Depending on the science and business majors chosen, graduates could find themselves working in commodity and resource trading, pharmaceutical industry, as a scientist in leading consumer goods companies, in health services and management, medical research organisations, hospitals or environmental protection agencies.

FULL TIME PROGRAM

YEAR 1

AUTUMN SEMESTER

Science Foundation subjects	12cp
Accounting for Business	6cp
Business Law and Ethics	6cp

SPRING SEMESTER

Science Foundation subjects	12cp
Managing People & Organisations	6cp
Marketing Foundations	6cp

YEAR 2

AUTUMN SEMESTER

Science Foundation subjects	12cp
Economics for Business	6cp
Business Information Analysis	6cp

SPRING SEMESTER

Science Foundation subjects	12cp
Business Core Elective 1	6cp
Business Core Elective 2	6cp

YEAR 3

AUTUMN SEMESTER

Science major subjects	12cp
Business major subjects	12cp

SPRING SEMESTER

Science major subjects	12cp
Business major subjects	12cp

YEAR 4

AUTUMN SEMESTER

Science major subjects	12cp
Business major subjects	12cp

SPRING SEMESTER

Science major subjects	12cp
Business major subjects	12cp

COURSE CODES

UTS course code: C10162
 UAC code: 609170
 Duration: 4yrs Full-Time, 8yrs Part-Time
 Location: City and Kuring-gai campuses
 Assumed Knowledge: HSC Mathematics, English and at least 1 HSC Science subject.

NEED TO KNOW MORE??

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For any enquiry relating to the business component of this degree, please contact the Faculty of Business at telephone no. (02) 9514 3500

UTS: SCIENCE

Innovative, relevant and practical - a fusion of theory and practical studies

Why UTS Science?

At UTS Science innovation is more than just an idea, it is applied in the development of courses, making science an experience. Our courses show how basic sciences like biology, physics, chemistry and mathematics connect with the quest for new vaccines, new gene therapy treatments, development of efficient photonics, more sensitive detection systems for environmental toxins and pathogens, and a host of exciting applications.

Students study science at UTS because they want courses with real world skills. Employers' value our graduates because they are work-ready, even before they graduate. Students can opt to take the Diploma in Scientific Practice in the second year of their degree, where they participate in industrial internship.

Studying Science at UTS also means having access to a new state-of-the-art laboratory facility in the city, the chance to network with a group of diverse researchers and the possibility to contribute to current research.

What do our past students say?

SAM MORGAN-KELLOW, graduated in 2007
Bachelor of Science in Urban Ecology

"I chose this area of study because I was keen on learning about the environment. I was interested in biology and other components of the course relating to building and design. The lecturers were very helpful and the practical components of the course were enjoyable. I was able to choose two very different elective areas in second and third year and got to see different ecosystems on my field trips.

My final year project on CBD tree canopies with the City of Sydney was fantastic because I felt it had a real practical application. I'd like to work for local councils in an Environmental Officer role and eventually work in government on policy."

OSTA CHANGALANGSY, graduated in 2006
Bachelor of Medical Science

"My job (as a Clinical Trials assistant) requires me to be highly organised so that I can manage the clinical trials efficiently. My job involves dealing with investigators, pharmaceutical companies. I also ensure patient demographics are correct, order the correct test for each patient as well as to make sure that the results are reported to the investigators. I am also responsible for overseas specimens dispatch for further testing. The subjects I studied at UTS gave me the confidence on my very first day at work.

MARTIN BLABER, graduated in 2007

Bachelor of Science in Nanotechnology

"I was drawn to UTS because it was the pioneer in nanotechnology in Australia. Through the Institute for Nanoscale Technology I have access to two very large computing facilities. I would not have been able to do my work efficiently without access to these machines. I am also a big fan of the people here. They are very supportive and friendly. There is always someone willing to help.

What do employers say about UTS Science, its students and internship program?

MR JAMES MCLEOD,
CEO, Dominion Electronics

"We have taken on four UTS Science interns over the past two years. They did some really great research in embedded electronics. They compiled the raw data and presented a market analysis report. The interns from UTS Science were very practical and fitted straight into our organisation."

MR ALAN LIDDLE
CEO, Immune System Therapeutics Ltd

"At Immune System Therapeutics, we have interfaced with and worked with UTS Science students for over five years. Students from UTS have strong, readily useable technical skills that allow them to be productive from day one. They have sound knowledge base that enables them to learn and master new technologies in a timely fashion."

What is the Diploma of Scientific Practice? Should you consider this option?

The UTS Diploma of Scientific Practice is yet another example of how studying science at UTS can give your career a kick start. Students have the option in the second or third year of their degree to participate in an industrial internship gaining practical experience and the opportunity to develop the skills, knowledge and attitudes needed to give them that extra edge in the marketplace. The possibility is there for employers to offer students employment as a result of these internships.