

UTS Pathways Guide

悉尼科技大学学位联合培养项目指南

Sydney Smart Technology College

悉尼智能科技学院

No. 1
UTS ranked
Australia's
#1 young uni*

澳大利亚排名第一
的新兴大学*

About UTS

关于悉尼科技大学



At UTS, we think differently: we take a global approach to education that has innovation at its core. As a Sydney Smart Technology College student, you could internationalise your degree by completing your studies at UTS's state-of-the-art campus in the heart of Sydney. With our excellent location, cutting-edge facilities and hands-on approach to learning, UTS will prepare you to thrive in a changing world.

悉尼科技大学有着与众不同的理念：我们采用以创新为核心的全球化教育方法。悉尼智能科技学院的学生能够在位于悉尼市中心最先进的悉尼科技大学校园里学习，从而获得国际化的学历资格。凭借着绝佳的地理位置、最前沿的设施以及实践学习方法，UTS将帮助学生做好在这个不断变化的世界中取得成功的准备。

Sydney's city university

Location is everything. At UTS, you'll study in the heart of Australia's most dynamic, cosmopolitan and dazzling city. Expand your horizons in the centre of a rapidly changing urban environment with industry opportunities on your doorstep. UTS is part of an energetic technology hub that hosts more than 60 per cent of regional technology operations. Sydney is also the place to be an entrepreneur: we're home to 60 per cent of Australia's start-ups, many bursting with possibilities and inspired thinking right by our campus.

地处悉尼中心的大学

地理位置决定一切。在UTS学习，就意味着学生将在澳大利亚最具活力、最为国际化和最耀眼的城市中心学习。学生将在日新月异的城市中心开阔自己的眼界，获得近在咫尺的行业机会。UTS是朝气蓬勃的科技中心的一部分，承载着超过60%的地区科技业务。悉尼也是创业者的天堂：这里拥有60%的澳大利亚初创企业，许多充满了各种可能性的初创企业正是在我们的校园里受到了启发。

Australia's most innovative campus

We've invested A\$1.3 billion to create an immersive new university experience using sustainable design to shape the way you learn. Our iconic buildings, tech-driven learning spaces and designated industry hubs put you at the centre of the learning experience so you get an active, connected and collaborative education.

澳大利亚最具创新性校园

我们斥资13亿澳元，采用了可持续的设计理念来塑造学生的学习方式，为学生带来了全新的沉浸式校园体验。我们的标志性建筑、以技术为驱动的学习空间以及指定的行业中心使学生能够置身于学习体验的中心，从而获得积极有效、互连相通的协作式教育。



Supporting your success

Being alone in a new city can be overwhelming. That's why we support our international students by equipping you with the tools to succeed. From academic support to career and leadership skills development, we're committed to seeing you thrive. Take advantage of our free support services like health and wellbeing services, counselling, English language tutoring, and study skills workshops.

为学生取得成功提供支持

孤身一人在陌生的城市中生活可能会让人感到茫然无措。因此，我们为国际学生提供支持，并帮助他们掌握获取成功的方法。无论是学术支持，还是职业技能和领导力拓展，我们都致力于帮助学生成长。充分利用我们提供的各项免费服务吧，它们包括：健康与福利、心理咨询、英语语言辅导以及学习技巧讲座等。

Feel at home

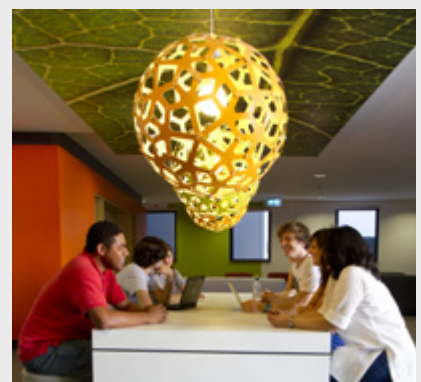
UTS Housing offers comfortable, convenient and affordable accommodation to suit a wide range of requirements. All our options are self-catered and close to supermarkets, restaurants and services. International students can choose from four residences close to campus with the choice of shared apartments or private studio apartments. To help you settle in quickly, our apartments are fully furnished. Our residences also feature spacious communal and BBQ areas, study rooms, games rooms and computer rooms.

To find out more, please visit:
housing.uts.edu.au

家的感觉

悉尼科技大学提供舒适、便利且经济的住宿，以适应学生的不同需求。所有住宿公寓均不提供伙食，但它们都毗邻超市、餐馆和其它服务设施。国际学生可以从四栋紧邻校园的住宿公寓中选择，既可以选择合租公寓，也可以选择独立的套间。为了帮助学生尽快安顿下来，我们的公寓均配备了齐全的家具。我们的公寓拥有宽敞的公共区域和BBQ区域、学习室、游戏室和电脑室。

了解更多信息，请访问：
housing.uts.edu.au



Faculty of Engineering and IT

工程与信息技术学院

Advances in engineering and digital technologies are changing the world. At UTS, graduates are next-generation leaders with real-world innovation and entrepreneurship skills in new and emerging fields. Transform the future with a UTS degree that will develop technical skills and build practical experience.

Theory is great, but nothing prepares you better than real industry experience for the workforce. That's why we offer hands-on, practice-based learning that cultivates future-ready graduates. Our industry partnerships enable us to offer you working knowledge throughout your degree.

工程和数字技术的进步正在改变着世界。在UTS，毕业生掌握了在新兴领域中创新和创业的实际技能，他们是未来的领导者。通过UTS学位来培养技术技能、积累实践经验，你可以改变世界。

理论知识固然重要，但没有什么比真实的行业体验更能为步入职场做好准备。因此，我们提供以实践为基础的实用型课程，培养为未来做好准备的毕业生。我们通过行业合作伙伴在整个学习过程中为学生提供应用知识。

Engineering and IT Building

Described as a 'living laboratory,' the UTS Engineering and IT Building is covered in binary code screens that display real-time performance data internally throughout the building. Inside, technology-enabled teaching, research and social spaces are clustered around a fissure shaped atrium. Home to the most advanced data visualisation facility in Australia, the building's immersive 3D Data Arena creates 360-degree representations of data enabling academics and industry to visualise complex information, identify trends and solve problems.

工程与IT教学楼

UTS工程与信息技术学院的教学楼被誉为“栩栩如生的实验室”。教学大楼的外立面是二进制编码屏幕，能够显示出整个大楼内部的实时性能数据。在大楼内部，以科技为驱动力的教学、研究和社交活动区域分布在裂缝状的中庭周围。这座教学大楼拥有全澳大利亚最先进的数据可视化设施，沉浸式的3D数据场馆能够360度全方位呈现数据，学术界和各行业可以通过这些设施将复杂的信息可视化，从而识别趋势并解决问题。

1st
in Australia

13th
in the world

**Computer Science
and Engineering**

Academic Ranking of World Universities
(ARWU) 2020

第1位
澳大利亚排名

第13位
世界排名

计算机科学与工程

2020年软科世界大学学术排名(ARWU)



SSTC pathway into UTS Bachelor of Engineering (Honours) degree

The Sydney Smart Technology College offers a pathway from a number of NEU degrees to the UTS Bachelor of Engineering (Honours) degree in relevant majors.

In the Electronic Engineering major, students learn about digital systems, sensing, electronic analysis and IoT. In the Software Engineering major, students learn to apply engineering principles to the design, development and maintenance of software.

This degree is a comprehensive preparation for careers in the professional practice of engineering. Students learn to deal with complex systems and manage large-scale projects using the most appropriate emerging technologies. The Bachelor of Engineering (Honours) is accredited by Engineers Australia at the Graduate Professional Engineer level. The degree is recognised internationally by signatories to the Washington Accord.

For more information about the UTS Bachelor of Engineering (Honours) degree, please visit:

handbook.uts.edu.au/courses/c09066



从悉尼智能科技学院入读悉尼科技大学工程学士学位(荣誉)

悉尼智能科技学院为学生提供从东北大学一系列学位入读悉尼科技大学相关工程学士学位(荣誉)学位的衔接课程。

电子工程专业的学生能够学习数字系统、传感、电子分析与物联网。软件工程专业的学生能够学习如何运用工程原理去设计、开发和维护软件。

本课程为开启工程专业的职业生涯做好全方位准备。学生能够学习如何应对各种复杂的系统，并运用最合适的新兴技术管理大型项目。工程学士(荣誉)学位获得澳大利亚工程师协会(Engineers Australia)毕业生职业工程师级别的认证。本学位课程还获得《华盛顿协议》签约国的国际认可。

想要了解更多关于UTS工程学士(荣誉)学位的信息，请访问：

handbook.uts.edu.au/courses/c09066



PROFESSOR PAUL KENNEDY Deputy Head of School, Teaching and Learning, UTS School of Computer Science

Professor Paul Kennedy has received an Office for Learning and Teaching (OLT) Citation for Outstanding Contributions to Student Learning as well as a UTS Learning and Teaching Award for Strengthening the UTS Model of Learning for “a decade long contribution to data analytics teaching, learning and academic leadership.” His research focuses on the data analytics of biomedical data and primary childhood cancer.

uts.edu.au/staff/paul.kennedy

PAUL KENNEDY教授
副主任(教学)
UTS计算机科学学院

Paul Kennedy教授荣获教学办公室(Office for Learning and Teaching, 简称OLT)颁发的学生学习杰出贡献奖，并因改进了UTS的学习模式而获得UTS学习与教学奖，以表彰其“十年间对数据分析教学、学习与学术领导力所做出的贡献”。Paul Kennedy教授的研究重点是生物医学数据和原发性儿童癌症的数据分析。

uts.edu.au/staff/paul.kennedy

Faculty of Science

理学院

AT UTS we take a fresh approach to the study of science and maths. We offer world-class, purpose-built teaching facilities where you get hands-on experience using the same equipment that's standard in industry. Learn from maths and science leaders responsible for advances in their fields. Our teachers are researchers, practitioners and industry experts committed to helping you achieve your goals. Our graduates have the technical expertise for a career within science as well as the 'soft' skills like communication and critical thinking that are sought after for a multitude of careers, all over the world.

在UTS，我们采用全新的方式来学习科学与数学。我们提供专门打造的世界级水平设施，学生可以使用符合行业标准的设备。学生将跟随数学和科学领域的学术领导人学习。我们的教师都是研究人员、从业人员以及业界专家，竭尽全力地帮助学生实现各自的目标。我们的毕业生掌握了从事科学领域的职业所需的专业技术知识，以及沟通批判性思维等全世界各行各业所青睐的软技能。

Science Building and Facilities

Our facilities are just like our courses: purpose-built, innovative and designed with specific outcomes in mind. UTS has invested over A\$110 million in its science facilities, making them among the best in Australia – and the world. Our Faculty of Science is home to Australia's first multidisciplinary, 200-seat Science Super Lab, a Crime Scene Simulation Lab as well as industry-standard maths and computing facilities.

理学教学楼及设施

我们的设施就像我们的课程一样：经专门打造、极具创新性、为达到特定的结果而设计。UTS在理学设施上的投资超过1.1亿澳元，也因此跻身于澳大利亚乃至世界上拥有顶级理学设施的院校之列。我们的理学院拥有澳大利亚第一个可容纳200人的跨学科理学超级实验室、犯罪现场模拟实验室以及符合行业标准的数学和计算机设施。

2nd
in Australia

69th
in the world

Statistics

Academic Ranking of World Universities
(ARWU) 2020

第2位
澳大利亚排名

第69位
世界排名

统计学

2020年软科世界大学学术排名(ARWU)



SSTC pathway into UTS Bachelor of Science (Statistics) UTS Bachelor of Science (Honours) in Mathematics degree

The Sydney Smart Technology College offers a pathway from the NEU Bachelor of Applied Statistics to the UTS Bachelor of Science (Statistics) UTS Bachelor of Science (Honours) in Mathematics degree.

This degree prepares students to collect, harness and interpret data to deliver critical outcomes for people, organisations and the planet. Students learn how to design data collection in a way that delivers maximum information. You'll study both the theory and practice of statistics, and you'll learn to apply your knowledge across a diverse range of sectors, including market research, finance, health and the environment.

For more information about the UTS Bachelor of Science (Statistics) degree, please visit:

handbook.uts.edu.au/courses/c10242

For more information about the UTS Bachelor of Science (Honours) in Mathematics degree, please visit:

handbook.uts.edu.au/courses/c09020



从悉尼智能科技学院入读 UTS统计学理学学士、UTS数学理学(荣誉)学士学位课程

悉尼智能科技学院为学生提供从东北大学应用统计学学士课程入读悉尼科技大学统计学理学学士、悉尼科技大学数学理学(荣誉)学士学位课程的衔接课程。

本课程帮助学生做好收集、运用和解释数据的准备,从而为人类、组织和全球传递重要的运营数据。学生能够学习如何设计最大程度传达信息的数据。学生还将学习统计学的理论与实践,并学习如何在多个领域运用自己所学到的知识,包括市场研究、金融、健康与环境。

想要了解更多关于悉尼科技大学统计学理学学士课程的信息,请访问:

handbook.uts.edu.au/courses/c10242

想要了解更多关于悉尼科技大学数学理学(荣誉)学士课程的信息,请访问:

handbook.uts.edu.au/courses/c09020



DR STEPHEN WOODCOCK Senior Lecturer, UTS School of Mathematical and Physical Sciences

Dr Stephen Woodcock uses his expertise in numbers to develop practical and simple solutions to real-world problems. His research projects have covered a vast range of applications, from improving the design and efficiency of wastewater treatment systems to understanding and modelling the growth of biofilms on riverbeds. Stephen is a keen and committed teacher who mentors high school, undergraduate, postgraduate and PhD students. That has earned him an Australian Award for University Teaching.

uts.edu.au/staff/stephen.woodcock

STEPHEN WOODCOCK博士 高级讲师 UTS数学与物理科学学院

Stephen Woodcock博士运用他在数字方面的专长,为现实世界中的问题找到实用而简单的解决方案。他的研究项目涵盖了广泛的应用领域,从提高污水处理系统的设计和效率,到理解和模拟河床上生物膜的生长。Stephen是一位热心又敬业的教师,他为高中生、本科生、研究生和博士生提供辅导。这为他赢得了澳大利亚大学教学奖。

uts.edu.au/staff/stephen.woodcock

Pathways to UTS

入读悉尼科技大学

UTS has partnered with Northeastern University (NEU) to create the Sydney Smart Technology College (SSTC), located at NEU's campus in Qinhuangdao. SSTC offers pathways to the UTS Bachelor of Engineering (Honours) degree in relevant majors and the UTS Bachelor of Science (Statistics) UTS Bachelor of Science (Honours) in Mathematics degree.

悉尼科技大学与东北大学(Northeastern University, 简称NEU)合作建立了悉尼智能科技学院(Sydney Smart Technology College, 简称SSTC), 位于东北大学秦皇岛校区。悉尼智能科技学院提供入读UTS工程学士(荣誉)学位相关专业、UTS统计学理学学士、UTS数学理学(荣誉)学士学位课程的衔接课程。

SSTC students undertake Years 1 and 2 of their degree at NEU in Qinhuangdong then gain a global outlook by completing Years 3 and 4 at UTS in Sydney. SSTC students graduate with a bachelor's degree from NEU and UTS, preparing them for exciting global careers.

SSTC的学生在NEU秦皇岛校区学习各自学位课程第1学年和第2学年的课程, 然后在位于悉尼的UTS完成第3学年和第4学年的课程, 培养国际视野。SSTC的学生在毕业时能够获得NEU和UTS的学士学位, 为开启令人期待的全球职业生涯做好准备。

Fees

For 2021 tuition fees, please refer to our online fee calculator:

cis.uts.edu.au/fees/course-fees.cfm

费用

请使用我们的在线学费计算器查询2021年的学费:

cis.uts.edu.au/fees/course-fees.cfm

Scholarships

UTS offers a diverse range of scholarships for international students. These scholarships are available university-wide, or for study in particular faculties.

For more information, please visit: int-scholarships.uts.edu.au

As a UTS graduate, you will automatically save 10 per cent on your next degree through the UTS Alumni Advantage program.

For more information, please visit: alumni.uts.edu.au/advantage

奖学金

悉尼科技大学为国际学生提供一系列的奖学金。这些奖学金适用于大学范围内, 或适用于特定的院系。

了解更多信息, 请访问: int-scholarships.uts.edu.au

悉尼科技大学的毕业生通过UTS校友优势计划攻读下一个学位时, 将自动减免10%的费用。

了解更多信息, 请访问: alumni.uts.edu.au/advantage



SSTC program Years 1 and 2 SSTC课程 第1、2学年	UTS program Years 3 and 4 UTS课程 第3、4学年	Pathway 培养模式	Entry requirements 入学要求
Bachelor of Communications Engineering 通信工程学士	Bachelor of Engineering (Honours) (Electronic Engineering) 工程学士 (荣誉)学位 (电子工程)	2 + 2 years 2 + 2 年	Completion of 2 years of the 4-year SSTC course. Standard UTS English requirements.* 完成SSTC四年课程的两年学习。 达到标准的UTS英语要求。*
Bachelor of Computer Science and Technology 计算机科学与技术学士	Bachelor of Engineering (Honours) (Software Engineering) 工程学士 (荣誉)学位 (软件工程)	2 + 2 years 2 + 2 年	Completion of 2 years of the 4-year SSTC course. Standard UTS English requirements.* 完成SSTC四年课程的两年学习。 达到标准的UTS英语要求。*
Bachelor of Applied Statistics 应用统计学学士	Bachelor of Science (Statistics) Bachelor of Science (Honours) in Mathematics*** 统计学理学学士 数学理学 (荣誉) 学士***	2 + 1 + 1 years 2 + 1 + 1 年	Completion of 2 years of the 4-year SSTC course.** Standard UTS English requirements.* 完成SSTC四年课程的两年学习。 ** 达到标准的UTS英语要求。*

* English language requirements uts.edu.au/future-students/international/essential-information/entry-requirements/english-language
英语语言要求: uts.edu.au/future-students/international/essential-information/entry-requirements/english-language

** Admission to the Bachelor of Science (Honours) degree will be granted on the condition that the student has at least a credit average (65%) in the final two-thirds of their undergraduate study.
入读理学学士(荣誉)学位要求学生在本科学习最后2/3阶段的平均成绩至少达到Credit (65%)。

*** In Year 3, students complete the final year of the Bachelor of Science (Statistics). In Year 4, students will undertake the Bachelor of Science (Honours) in Mathematics.
在第3学年, 学生完成统计学理学学士课程的最后一年。在第4学年, 学生将完成数学理学(荣誉)学士学位的课程。

Continuing into postgraduate studies

继续深造研究生课程

Following the completion of the Honours pathway, there is also the opportunity to undertake master and PhD level study at UTS. Postgraduate studies can open the door to further career opportunities in research and professional practice.

完成荣誉课程后，还有机会在悉尼科技大学攻读硕士和博士课程。研究生教育能够为研究和专业实践提供更多的职业发展机会。

Postgraduate studies open opportunities to develop high-level expertise in an area of interest whilst building core professional skills like time management, critical thinking and communication, which are highly valued by employers.

As a postgraduate science or engineering student at UTS, you'll learn from academics actively engaged in current research, often in partnership with leading industry organisations. You'll also have access to world-class laboratories, specialist facilities and the latest technologies.

To explore our postgraduate study options, please visit: uts.edu.au

研究生教育让学生有机会在各自感兴趣的领域拓展高水平的专业知识，同时掌握关键的职业技能，如时间管理、批判性思维和沟通技能，这些都是备受雇主青睐的技能。

UTS理学或工程专业研究生阶段的学生将跟随目前正在积极开展研究工作的教师学习，并且经常与行业领先的机构合作。学生还可以使用世界级水平的实验室、专业设施和最先进的技术。

想要了解更多关于研究生学习的信息，请访问: uts.edu.au



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悉尼科大UTS



- ◆ QS Top 50 Under 50 2021
- ◆ 2021年QS校龄低于50年的世界大学排名前50

UTS CRICOS 00099F
23452 August 2020
Images: Andy Roberts, Anna Zhu, Claire Sargent,
Derek Bogart, Destination NSW, Kwa Nguyen

DISCLAIMER: The information in this brochure is correct as at August 2020. Changes in circumstances after this date might alter the accuracy or currency of the information. UTS reserves the right to alter any content described in this brochure without notice. Readers are responsible for verifying information that pertains to them by contacting the university.

免责声明：截至2020年8月，本手册的信息均正确无误。在此日期之后，本手册中所含信息的准确性和费用有可能会发生变化。UTS保留随时更改手册中所述信息的权利而不另行通知。读者需通过联系悉尼科技大学来核实与自己相关的信息。