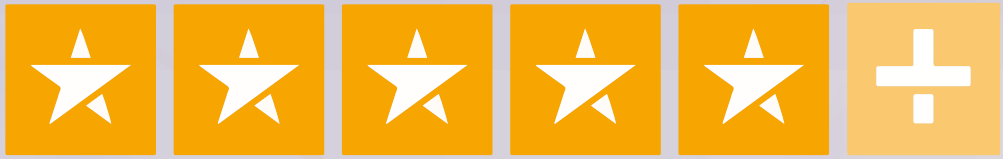
Global University of The Future

UTB Prospectus 2024

Why UTB?



5+ Rated University

Quacquarelli Symonds (QS) Star Rating

#525

QS World University Ranking

#142

QS Asia University Ranking

Top 10

in AppliedHE Public & Private University Ranking: ASEAN 2024

#3

in Teaching and Learning AppliedHE

Top 5

in Internationalisation AppliedHE

Contents


UTB

A Warm Greeting from Universiti Teknologi Brunei!

بسم الله الرحمن الرحيم

السلام عليكم ورحمة الله وبركاته

It is with great pleasure to introduce Universiti Teknologi Brunei's prospectus for the year 2024.

Today, UTB has secured its place on the global stage, currently holding the 525th position in the Quacquarelli Symonds (QS) World Universty Ranking 2024 (QSWUR). Regionally, we stand tall at 142 in the QS Asia Universty Rankings 2024 (QSAUR).

Additionally, UTB is also in the Top 10 in the AppliedHE Public & Private University Ranking: ASEAN 2024, and number 3 in the subcategory Teaching and Learning on AppliedHE

UTB's journey to excellence is evident in its impressive rankings, with notable achievements such as being the only local university to receive a 5 star plus ranking from the QS Stars rating and securing the 1st position in International Faculty Ratio and Research Citations among Brunei's higher learning institutions.

At UTB, we are committed to continue creating a learning environment that is intellectually stimulating, diverse and rewarding. I hope you will choose UTB and it is definitely the BEST university to embark on your academic journey that will define your future career. We uphold our mission that is: "To produce towering talents for a sustainable, global and enterprising society deeply rooted in our national philosophy (MIB) towards realising Wawasan Brunei 2035" and our ultimate vision is to be a 'Global University of the Future'

As you embark on this virtual journey through the pages of our prospectus, we invite you to witness the remarkable evolution of UTB, a university deeply committed to shaping the future of Brunei and beyond. UTB, initially established as a higher learning institution offering Higher National Diploma (HND) programs, has risen to become a thriving university offering diverse programs in Engineering, Business, Computing, Applied Sciences & Mathematics, Design, and Communication.

Should you wish to discuss your future with us at UTB, feel free to talk to our academics during Higher Education Expo and UTB Open Day.

Thank you for considering Universiti Teknologi Brunei as part of your academic journey that will define your future career.

Datin Paduka Professor Dr Dayang Hajah Zohrah binti Haji Sulaiman
Vice-Chancellor, Universiti Teknologi Brunei

Universiti Teknologi Brunei

Our Vision

Global University of The Future

Universiti Teknologi Brunei (UTB) is a leading Engineering and Technology University in Brunei, offering diverse programs in Engineering, Business, Computing, Applied Sciences & Mathematics, Design, and Communication. Originally established as a higher learning institution offering Higher National Diploma (HND) programs, UTB has evolved into a university aligned with Brunei Vision 2035.

UTB's programs aim to create industry-ready graduates with 21st-century skills, supporting the nation's sustainable future. The university has achieved recognition in various rankings, including QS World University Rankings, showcasing its commitment to high-quality teaching and academic excellence.

UTB is the only local university with a 5-Plus QS Stars rating, and it holds the ISO 9001:2015 Quality Management System Certification. The university actively addresses environmental, social, and governance challenges, as evidenced by its inclusion in the QS World University Rankings: Sustainability 2024.

Our Mission

To produce towering talents for a sustainable, global and enterprising society deeply rooted in our national philosophy (MIB) towards realising Wawasan Brunei 2035.

Program restructuring, international accreditations, and collaborations with industry partners demonstrate UTB's dedication to providing a competitive edge for its graduates. The university's postgraduate micro-credentials program allows professionals to upskill and reskill, contributing to lifelong learning and personal development.

The ExperiencePLUS program enhances students' academic experience through industry placements, research opportunities, and international collaborations. UTB's partnerships with universities and industries globally, as well as local collaborations with AITI, DARe, and EGNC, provide valuable opportunities for students and faculty.

UTB focuses on industrial research outreach, aligning with Brunei Vision 2035's goals. The university envisions becoming a global institution producing talents for a sustainable and enterprising society, rooted in Brunei's national philosophy (MIB). UTB's graduates are highly sought after by employers globally, contributing to its reputation for delivering top-notch education with a practical and industry-specific approach.

VIP

Versatility

Towards building a sustainable society that can thrive in the current rapid-changing and interconnected world. Leading the future with confidence to make a positive impact in the world.

Integrity

Unwavering commitment to honesty, ethics and moral principles towards creating a just, equitable society. Upholding accountability, transparency, and a sense of responsibility in promoting environmental and social sustainability.

Perseverance

Emerge with a deep sense of determination and the ability to navigate complex situations by overcoming challenges, fostering adaptability, developing resilience, persistence and sustainability in the face of adversity.

Student Support

Staff and Students Centre

The Staff and Students Centre is a one-stop centre for Staff and Students services. The Centre is part of the Registrar's and Secretary's Office and it is available to assist staff and students and other visitors with general enquiries at the Staff and Students Service Counter.

The Centre was officially opened by His Royal Highness Prince Haji Al-Muhtadee Billah ibni His Majesty Sultan Haji Hassanal Bolkiah Mu'izzaddin Waddaulah, Pro-Chancellor of Universiti Teknologi Brunei during the official opening of the first UTB Convocation Festival on Tuesday, 30th September 2014.

The Centre is located on the ground floor of Administration Building.

Counter opening hours:
7:45 am – 12:00 pm
2:00 pm – 4:30 pm

Office of Student Affairs

The Office of Student Affairs is responsible for planning, coordinating and implementing a variety of services designed to assist and support students in achieving academic excellence and personal success.

Main objectives

- To provide guidance in Islamic religious practice for ethical and spiritual development of students in accordance with Brunei Darussalam's national philosophy of Melayu Islam Beraja (MIB).
- To prepare students to be well-rounded individuals with 21st century skills.
- To motivate students to excel in academic activities.
- To instill a spirit of participation, advocacy and willingness to volunteer.
- To engage students in community and environmental activities.
- To engage students in co-curricular activities.

In order to achieve this, the focus is placed on the following six tenets:

Spiritual and religious support

To provide support in Islamic religious practice for ethical and spiritual development of students.

Life skills development

To mould students to be well-rounded individuals with multiple skills.

Campus Life

To build an environment conducive to student-centered activities

Academic support

To coordinate learning and well-being assistance for students declaring disability either physically, mentally and emotionally.

Depending on your situation, there may be specific academic support that can be considered to ensure your personal growth and development. By offering a collaborative approach between the welfare service which addresses assistance for students declaring physical disabilities and the counseling service for mental and emotional support requests, we hope to achieve in taking care of your well-being. A successful university experience.

Community service

Every student is encouraged to either organise or join charitable, outreach, voluntary and community-based projects.

Sports and recreation

Sports play a pivotal role in shaping one's personality and maintaining good health. It is an avenue to be outside of the academic classroom and meet new inter-school/faculty friends. The University intended for a sports environment fit for student extracurricular experience which all is provided to them on the campus. These activities provide a useful channel for the growth and development of the body.

UTB Students' Representative Council

MPPUTB is a Student Association Organisation representing the students of UTB. It acts as the voice of the students and as a bridge between the students and UTB Management through Student Affairs Unit. It was formally known as the 'Badan Kebajikan Pelajar'. Later in 2010, it was renamed as 'Majlis Perwakilan Mahasiswa/Mahasiswi' (MPMM). Then, in 2011, it has been officially standardised with other local institutions, as 'Majlis Perwakilan Pelajar' (MPP).

Roles

- To practice the national concept of Melayu Islam Beraja (MIB).
- To establish good relation between other student association organisation amongst higher institutions, both locally and internationally.

Responsibilities

- To improve knowledge, understanding and image among all the students.
- To have a better understanding on the importance of teamwork between students and education officers.
- To organise religious, economic, cultural, sports and voluntary activities.
- To have interaction among students with positive mindsets.
- To work together with UTB Management in carrying out activities that are organised / proposed by the Vice Chancellor or Dean of Student Affairs and Extra-Curricular Activities.

Structure

MPPUTB consists of 27 positions with total of 21 Executive Committees (ExCo) and administered by 6 Supreme Councils (Majlis Tertinggi). Every member has their own specific scope of work, in addition to their general duties or roles.

Supreme Council (Majlis Tertinggi) MPPUTB

President (Yang Di-Pertua)

- Vice President (Naib Yang Di-Pertua)
- General Secretary (Setiausaha Agung)
- Deputy General Secretary (Timbalan Setiausaha Agung)
- Treasurer (Bendahari)
- Deputy Treasurer (Timbalan Bendahari)

Executive Committees (ExCo) MPPUTB

- Religious and Spiritual
- Leadership, Development and Mentor
- Sports
- Culture
- Community Service and Project
- Publicity and Info-Communication Technology
- Logistics
- Health, Safety, Security and Environment
- Economy and Entrepreneurship
- International Affairs

Campus LEAD (Leadership, Entrepreneurship, Active and Dynamic)

- CL for Civil Engineering, FENG
- CL for Electrical and Electronic Engineering, FENG
- CL for Mechanical Engineering, FENG
- CL for Petroleum and Chemical Engineering, FENG
- CL for Accounting, UTBSB
- CL for Economics and Management, UTBSB
- CL for Computer Network Security and Computer Information Systems, SCI
- CL for Creative Computing, SCI
- CL for School of Applied Sciences and Mathematics, SASM
- CL for School of Design, SDE
- CL for Centre for Communication, Teaching and Learning, CCTL

مجليس ڤروواكيلن ڤلاجر

MAJLIS PERWAKILAN PELAJAR

MPPUTB

UNIVERSITI TEKNOLOGI BRUNEI

Student Clubs 2024

ExCo Sports
- Aero Dance Club
- Badminton Club
- Basketball Club
- Chess Club
- Dodgeball Club
- Hockey Club
- Karate Club
- Kendo Club
- Ladies Touch Rugby Club
- Men Touch Rugby Club
- Muay Thai Club
- Netball Club
- Parkour Club
- Pool (Snooker) Club
- Silat Club
- Spinning Club
- Squash Club
- Swimming Club
- Table Tennis Club
- Tae Kwan Do Club
- Volleyball Club

ExCo Culture
- Art & Craft Club
- Choir Clubs
- Dance Club
- Dream (Combination of Drama, Reading, Music & English Clubs)
- Gulingtangan Club
- Korean Culture Club

ExCo Religious and Spiritual
- Archery Club (Dormant)
- Dikir & Tausyeh
- Kelab AlQuran (QBeats)
- Kelab Hadrah

ExCo Publicity and ICT
- Audio Visual Club
- Gamers Alliance Club
- Photography Club
- Robotic Club

ExCo Community Service and Project
- Adventure Club
- Community Service & Voluntary Club

ExCo Leadership, Development and Mentor
- Army Cadet (PKTUTB)
- Emcee Club
- Leaders of Tomorrow Club (LOT)
- TEDx

ExCo Entrepreneurship and Economy
- Cooking Club
- Entrepreneurship (MPP Café)

EXCO Health, Safety Security and Environment
- Environmental Club

ExCo International Affairs
- International Club

UTB Student Chapters
- Pertubuhan Ukur, Jurutera & Arkitek (PUJA)
- Society of Petroleum Engineers (SPE)
- Institution of Chemical Engineers (IChemE)
- Institution of Mechanical Engineers (IMechE)
- Institution of Engineering and Technology (IET)
- Institute of Civil Engineers (ICE)
- Food Science and Technology & Agrotechnology (FSTA)

Co-Curricular Unit

Responsibilities:

- To manage the Student Achievement Passport (SAP).
- To organise CCA activities, including cultural, sports and community service.
- To manage overseas study visits/friendly sports activities.
- To manage/administer student clubs.
- To assist students in organising tournaments.
- To provide guidance to the UTB Student Representative Council (MPP).
- To provide support to students representing UTB in national and international events.

ECA Officer:

Mohamad Shah @ Muhammad Lutfi Hadi Bin Hj Asmat
Office : GF.69
T: +673 2461020 Ext 5123
F: 2461035/6
E: hadi.asmat@utb.edu.bn

Counselling Unit

Our counsellors can assist both staff and students to gain a clearer understanding of the problems you face and how to identify appropriate strategies so you can make the best possible decision for yourself.

Responsibilities:

- Individual and Group counselling: To conduct confidential counselling and therapeutic sessions on academic, social and personal matters for staff and enrolled UTB students.
- Organise Life skills courses and workshop relevant to the needs of the students
- Crisis support if you need help immediately.
- Provision of consultation and liaison with internal staff and external agencies on counselling dynamics in a teaching environment.
- Group sessions designed to help improve your wellbeing run throughout the year.
- To make operational arrangements for Leadership and Entrepreneurial Student Programmes abroad.

Counselors:

Pg Raden Tutimuliawati binti Pg Hj Mahmud Office: 2F.18
T: +673 2461020 Ext 5360
E: raden.mahmud@utb.edu.bn

Nur Asyiqin Afiqah binti Hj Ahmad Office: 2F.19
T: +673 2461020 Ext 5361
E: nurasyiqin.ahmad@utb.edu.bn

Career Guidance Unit

Responsibilities:

- To conduct the Graduates Employment Survey (GES) and track down the employability of graduates after six and twelve months after their convocation.
- To provide Career related programmes such as talks, seminars, workshops and courses to students to enhance career prospects and employment opportunities
- To provide career counselling and guidance to students and graduates in choosing the the right career paths and for right job search strategies.
- To organise professional development skills for students and graduates of UTB, disseminating vital information regarding job opportunities, career information and resources.
- To promote any job vacancies or career related events outside UTB to be advertised and disseminated to the students and graduates via email and on request basis.
- To act as a focal point for MOE in identifying career pathways.

Career Guidance Officer (Acting):
Nur Asyiqin Afiqah binti Hj Ahmad Office: 2F.19
T: +673 2461020 Ext 5361
E: nurasyiqin.ahmad@utb.edu.bn

Religious Unit

Responsibilities:

- To organise religious activities and services
- To assist students in religious tournaments and functions
- To advise students on religious matters

Religious Officers:
Ustaz Mohd Fazalley bin Haji Hidup Office: 2F.59
Ext: +673 2461020 Ext 5306
Email: fazalley.hidup@utb.edu.bn

Ustazah Norimah binti Hj Abd. Karim Office: 2F.60
Ext: +673 2461020 Ext 5307
Email: norimah.karim@utb.edu.bn

Student Welfare Unit

Responsibilities:

- To manage students' welfare, discipline, health and safety.
- To manage the placement and allocation of accommodation for students.
- To work with student affairs on orientation programme for international students.
- To liaise, monitor and manage the international students' welfare.

Student Welfare Officer:
Siti Nuratika Sri Mu'minnah binti Mohammad Hadi Muslim
Office: GF.70
Ext: +673 2461020 Ext 5115
Email: nuratika.hadi@utb.edu.bn

International Students

Being a student in a foreign country can be challenging and demanding at times. This is especially true when one is in a foreign place with different physical, cultural, social and religious settings than the ones of their own. However, it is an academic sacrifice worth making.

Therefore UTB is more than ready to provide both local and international students with a learning experience that is diverse in its learning culture and a stimulating environment that will help students realise their full potential.

UTB is committed to providing its international students with the best care and assistance. UTB's Students Welfare Office provides various kinds of assistance and support to facilitate a smooth and easy transition and immersion to a new environment for new international students. Some of the assistance provided includes formality assistance to handle their visa and student pass application. The EXCO International Affairs under the Student Representative Council are also ready to aid them with any matters pertaining to students' affairs and they automatically become a member of the UTB International Students' Club where they can meet other international students. UTB also holds regular Students' Affairs & International Students Dialogue sessions for updates and to address any arising matters.

During semester breaks, outings and trips around Brunei Darussalam are organised to provide international students with a better understanding of the country's history, background, culture and people. International students are also given the opportunity to undergo industrial attachment under the UTB ExperiencePLUS.

"Pursuing my Master's degree at UTB stands as one of the most rewarding decisions I've made. It has equipped me with a plethora of valuable skills that I can readily apply in real-world scenarios. These skills encompass proficient time management, the cultivation of a growth mindset, and the development of a systemic approach to problem-solving. This approach encourages a holistic view, emphasizing the importance of considering the entire system to devise effective solutions, rather than fixating on isolated components."

Mohamad Shameer, Master of Science (By Coursework) in Computing and Information Systems, School of Computing and Informatics |**INDIA**

"Our Professors used interactive methods, real-world cases, and hands-on experiences, making learning enjoyable and memorable. allowing me to apply classroom knowledge practically."

Atif Rahim, Master of Science (By Coursework) in Management and Technology, UTB School of Business | **PAKISTAN**

"The wide variety of different projects and assignments helped enhance the learning experience. The projects and assignments we were given ranged from manufacturing, researching, using various engineering software and presentations which not only helped grow and build my technical skillset but also my soft skills as well. Lectures along with tutorials helped me gain theoretical knowledge and there were also some laboratory and practical experiences. A combination of all these provided a positive learning experience for me. The lecturers were also very supportive and willing to help with any difficulties faced."

Kevin Paul Francisco Pena, Bachelor of Engineering (Hons) in Mechanical Engineering, Faculty of Engineering | **PHILLIPINES**

"From the time I have entered UTB, I have always been welcomed by the staffs and students there. These people has truly show that Brunei Darussalam is a blessed land with friendly people, which makes it easy to blend in and rarely felt left out from the group. I even have the opportunity to involve myself in experiencing Brunei's culture on events such as HM's Birthday, National Day and even Hari Raya Celebration."

Kong Siew Chee, Bachelor of Business (Hons) in Accounting and Information Systems, UTB School of Business | **MALAYSIA**

"The teaching method encourages self study and personal reading. I don't think anything can beat this strategy when it comes to a students' personal growth. This, coupled with the lecturer's commitment to help students understand through multiple examples and explanations, made the experience smoother."

Muniirah Nakabuubi, Master of Science (By Coursework) in Civil Engineering, Faculty of Engineering | **UGANDA**

Accommodation

Located nearby within a 5-7 minutes' walk to campus, The Core residential college, commonly known as The Core is the most preferred off-campus accommodation by our international students. The Core apartment are consisting of standard and premium settings. Altogether, there are 440 individual bedrooms and each 5-bedroom apartments have its own common living room, kitchen, bathroom and laundry facilities. There is also a shuttle bus services for students who want to buy their groceries at the Rimba Point Supermarket.

Scan or click here for more details

UTB ExperiencePLUS

The ExperiencePLUS programme in UTB is intended to provide a platform to extend students' experience beyond the walls of academia. It is structured into the University's undergraduate programmes and provides opportunities for all undergraduate students to partake in work attachment in local or overseas institutions to enhance their experiential learning and facilitate the attainment of life skills. The programme adds value to students' academic qualifications and contributes towards the preparation of students for the world of business and industry. Students in UTB can also vie for overseas internship opportunities which are more competitive. Students must demonstrate a high standard of academic performance and be in the top 10% of the cohort in order to qualify for fully-funded overseas placements. Self-funded arrangements are also possible. The Deputy Dean of the School/Faculty can be contacted for further details.

Our Programmes

UTB-SP Bridging Programme

BriTE
BriBUS
BriCOMP

Undergraduate Programmes

Faculty of Engineering

BEng (Hons) in Civil Engineering
BEng (Hons) in Civil Engineering w/ Structural Engineering
BEng (Hons) in Electrical and Electronic Engineering
BEng (Hons) in Mechatronics Engineering
BEng (Hons) in Mechanical Engineering
BEng (Hons) in Chemical Engineering
BEng (Hons) in Energy Engineering

UTB School of Business

BBus (Hons) (Major in Accounting Information Systems)
BBus (Hons) (Major in Finance and Risk Management)
BBus (Hons) (Major in Applied Economics and Finance)
BBus (Hons) (Major in Marketing Information Systems)
BBus (Hons) (Major in Business Technology Management)
BBus (Hons) (Major in Business Information Management) (FT & PT)

School of Computing and Informatics

BSc (Hons) in Digital Media
- Major in Digital Content Design
- Major in Game Development

BSc (Hons) in Computing
- Major in Data Analytics
- Major in Software Development

BSc (Hons) in Information Security
BSc (Hons) in Computer Networking

School of Applied Sciences and Mathematics

BSc (Hons) in Agrotechnology (Minor in Business)
BSc (Hons) in Applied Mathematics and Economics
BSc (Hons) in Mathematical Finance
BSc (Hons) in Food Science and Technology
BSc (Hons) in Food Science and Human Nutrition

School of Design

BSc (Hons) in Product Design
BSc (Hons) in Architecture
BSc (Hons) in Fashion Design and Technology

Centre for Communication, Teaching and Learning

BSc (Hons) in Communication

Postgraduate Programmes

Master of Science by Research (FT & PT)

Doctor of Philosophy (PhD) (FT & PT)

Faculty of Engineering

MSc (by Coursework) in Civil Engineering (FT & PT)

MSc (by Coursework) in Electrical and Electronic Engineering (FT & PT)

MSc (by Coursework) in Mechanical Engineering (FT)

MSc (by Coursework) in Water Resources and Environmental Engineering (FT)

UTB School of Business

MSc (by Coursework) in Management & Technology (FT & PT)

School of Computing and Informatics

MSc (by Coursework) in Computing and Information Systems (FT)

MSc (by Coursework) in Cyber Security (FT & PT)

School of Applied Sciences and Mathematics

MSc (by Coursework) in Food Science and Technology (FT & PT)

School of Design

Master of Architecture (FT)

The Centre for Communication, Teaching and Learning

MSc in Communication (FT & PT)

General Entry Requirements

for Undergraduate Programmes

Applicants for admission to undergraduate degree programmes must satisfy the following minimum entry requirements:

1. At least a Credit Six (C6) in the Malay language at GCE Ordinary Level (applicable only for Bruneians applying for a Government Scholarship).

2. At least a Credit Six (C6) in English Language at GCE Ordinary Level or an IELTS score of 6.0 or TOEFL minimum overall score 550 or its equivalent.

3. A relevant qualification which meets the specified programme-specific entry requirements.

Students who wish to be admitted as a mature candidate must satisfy the following minimum requirements:

1. Applicants must be at least 21 years of age on the date of admission to the programme.

2. At least a Credit Six (C6) in English Language at GCE 'O' Level Examination or a grade 'C' in IGCSE English (as a Second Language) or a valid IELTS score of 6.0 or a TOEFL minimum overall score of 550.

3. A minimum of Credit Six (C6) at GCE 'O' Level Mathematics or equivalent, unless exempted by the programme.

4. At least passed 1 GCE 'A' Level or equivalent examination in a subject relevant to the programme

   or

   Obtained a relevant Level 4 Diploma or Higher National Technical Education Certificate (HNTec) or equivalent, recognised by the Senate.

5. At least 3 years of relevant working experience in related fields.

6. Satisfactory interview.

Any other acceptable qualifications will be decided on a case-by-case basis, with reference to the programme entry requirements.

The following points are used as a basis for programme specific requirements:

A*	140
A	120
B	100
C	80
D	60
E	40

Faculty of Engineering

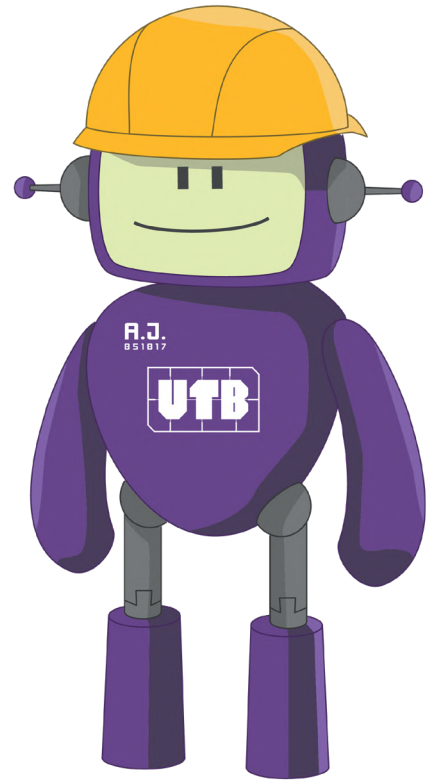
The Faculty of Engineering is the foremost provider of engineering higher education in Brunei Darussalam. It offers Bachelor of Engineering programmes in Chemical Engineering, Civil Engineering, Electrical & Electronic Engineering, Mechanical Engineering, Mechatronics Engineering, and Energy Engineering.

The Faculty of Engineering consists of four programme areas:

- Civil Engineering
- Electrical and Electronic Engineering
- Mechanical Engineering
- Petroleum and Chemical Engineering

In addition to the Bachelor degree programmes, the Faculty offers Master and PhD degrees by research, as well as Master degree programmes by coursework. These include programmes in Civil Engineering, Electrical & Electronic Engineering, Mechanical Engineering, Petroleum Engineering, Chemical Engineering and Water Resources & Environmental Engineering.

The taught programmes in the Faculty of Engineering are designed to achieve accreditation by professional institutions under the UK Engineering Council. This is reflected by the successful accreditation of Civil Engineering programmes by the Joint Board of Moderators in 2017 and re-accreditation of the programmes in 2022. The Mechanical Engineering programmes were also accredited by the Institution of Mechanical Engineers in 2022. This is important for international recognition and for the realisation of UTB's vision to become a global university with meaningful and positive impacts on society.



Programmes Offered

UTB-SP Bridging Programme

BriTE

Undergraduate Programmes

Civil Engineering Programme Area

Bachelor of Engineering (Honours) in Civil Engineering
Bachelor of Engineering (Honours) in Civil Engineering with Structural Engineering

Electrical and Electronic Engineering Programme Area

Bachelor of Engineering (Honours) in Electrical and Electronic Engineering
Bachelor of Engineering (Honours) in Mechatronics Engineering

Mechanical Engineering Programme Area

Bachelor of Engineering (Honours) in Mechanical Engineering

Petroleum and Chemical Engineering Programme Area

Bachelor of Engineering (Honours) in Chemical Engineering
Bachelor of Engineering (Honours) in Energy Engineering

Graduate Programmes

Master of Science (by Coursework) in Civil Engineering (Full Time & Part Time)
Master of Science (by Coursework) in Electrical and Electronic Engineering (Full Time & Part Time)
Master of Science (by Coursework) in Mechanical Engineering (Full Time)
Master of Science (by Coursework) in Water Resources and Environmental Engineering (Full Time)

Master of Science by Research (Full Time & Part Time)
Doctor of Philosophy (PhD) (Full Time & Part Time)

Civil Engineering

The undergraduate programmes in Civil Engineering and Civil Engineering with Structural Engineering have been developed to address the increasing and evolving requirements for qualified civil engineers in Brunei Darussalam. Each programme contains elements of both theoretical and practical nature,
and emphasises on producing quality graduates equipped with sound analytical, problem-solving and transferrable skills necessary to embark on a successful career in civil engineering or other related profession.

The programmes also include a period of industrial placement between the third and fourth year. This industrial placement aims to provide a platform for the students to gain valuable workplace experience under the guidance of an industry mentor.

Career opportunities are available in a wide range of organisations such as in public works, consulting and construction companies, civil aviation, roads and transportation authorities, and environmental protection authorities. Furthermore, graduates are equipped with fundamental problem-solving and numeracy skills which enable them to adapt to the challenges of working in many industries as well as in research and development.

The BEng Civil Engineering and BEng Civil Engineering with Structural Engineering programmes are both accredited by the Institution of Civil Engineers (ICE), the Institution of Structural Engineers (IStructE), the Chartered Institution of Highways and Transportation (CIHT),the Institute of Highway Engineers (IHE) and the Permanent Way Institution, on behalf of the UK Engineering Council.

Both programmes are accredited for the purpose of fully satisfying the educational base for an Incorporated Engineer (IEng), and partially satisfying the educational base for a Chartered Engineer (CEng). A programme of accredited Further Learning, such as a Master's degree in a relevant programme will be required to complete the educational base for CEng. See www. jbm.org.uk for further information and details of Further Learning programmes for CEng. Further information regarding JBM accreditation may be found from www.jbm.org.uk/accreditation/accreditation-programmes/.

Bachelor of Engineering (Honours) in Civil Engineering

Civil Engineering involves the planning, design, construction, management, maintenance, and operation of much of the infrastructure that surrounds us and underpins modern civilisation. Examples of such infrastructure includes buildings, roads, bridges, tunnels, dams, towers, pipelines, retaining walls, sewers, wastewater treatment plants, drainage, flood control and water supply.

The BEng (Honours) programme in Civil Engineering thus develops essential knowledge of engineering principles and enables their application towards the solution of civil engineering problems, with the aim of improving the quality of life of all in the society.

Career Opportunities

- Consulting Civil Engineers (either in the private sector or in public works departments) in the fields of:
  - Structural Engineering
  - Geotechnical Engineering
  - Hydraulics Engineering
  - Water Engineering
  - Environmental Engineering
  - Sustainability Engineering
  - Highway and Transport Engineering
- Construction/Project Managers;
- Contracting civil engineers;
- Site Engineer;
- Other construction-related careers such as in Architecture, Quantity Surveying, sub-contracting, renovation, etc;
- Professors, lecturers and technicians in Civil Engineering and other fields in higher education institutions;
- Technical and managerial professionals in other engineering fields such as in the Oil & Gas industry, materials production industry, software engineering etc;
- Technical and managerial professionals in non-engineering fields such as banking, business administration, management, economics, etc.

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **CCC** or **240 'A' Level points** in 3 'A' Levels including **Mathematics** (Grade C or higher) and two relevant subjects. (These include **Physics, Chemistry, Biology, Further Mathematics, Design and Technology, Computer Science and Geography**). Accounting, Economics, Information Technology and Psychology are also acceptable if the applicant has at least a credit in GCE 'O' Level Physics).

International Baccalaureate:

28 points with a minimum of 4 points at higher level or 5 points at standard level in Mathematics, and 4 points at higher level for one relevant science subject (Physics, Chemistry, Biology, Design and Technology, and Geography).

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

Minimum CGPA of 1.6 out of 3, and Merit grade or higher in at least 60% of analytical modules such as Mathematics, Soil Mechanics, Hydraulics and Structures.

For mature applicants:

A relevant BDQF Level 5 Diploma or its equivalent, with relevant engineering-focused work experience to be decided on a case-by-case basis.

Work Experience or other qualifications:

Other work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis (including successful completion of the BriTE programme).

4 year programme

UTB ExperiencePLUS

Accreditated programme

Bridging Available

Scan or click here for the programme structure.

Bachelor of Engineering (Honours) in Civil Engineering with Structural Engineering

The BEng (Honours) programme in Civil Engineering with Structural Engineering develops the knowledge and skills of students in the engineering of structures and buildings, in addition to fundamental civil infrastructure as discussed above. This is achieved through a greater emphasis on analytical and design modules in structural engineering, as well as final year research and design projects focusing on structural engineering.

This programme prepares graduates to meet the challenges of civil and structural engineering in the 21st century, which include the design and construction of sustainable structures and the development and use of innovative materials, processes and practices.

Career Opportunities

Possible careers for graduates of BEng (Hons) in Civil Engineering with Structural Engineering are similar to those for graduates in BEng (Hons) in Civil Engineering, except that graduates of this programme have more specialist skills in the design and construction of structures such as multi-storey buildings, power transmission towers, storage tanks, etc.

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **BBC** or **280 'A' Level points** in 3 'A' Levels including **Mathematics** (Grade C or higher) and two relevant Science Subjects. (These include **Physics, Chemistry, Biology, Further Mathematics, Design and Technology, Computer Science and Geography**). Accounting, Economics, Information Technology and Psychology are also acceptable if the applicant has at least a credit in GCE 'O' Level Physics).

International Baccalaureate:

30 points with a minimum of 4 points at higher level or 5 points at standard level in Mathematics, and 4 points at higher level for one relevant science subject (Physics, Chemistry, Biology, Design and Technology and Geography).

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

Minimum CGPA of 1.7 out of 3, and Merit grade or higher in at least 70% of analytical modules such as Mathematics, Soil Mechanics, Hydraulics and Structures.

For mature applicants:

A relevant BDQF Level 5 Diploma or its equivalent, with relevant engineering-focused work experience to be decided on a case-by-case basis.

Work Experience or other qualifications:

Other work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis (including successful completion of the BriTE programme).

year programme

UTB ExperiencePLUS

Accreditated programme

Scan or click here for the programme structure.

Electrical and Electronic Engineering

The programmes offered by Electrical and Electronic Engineering are intended to provide education and training which are directly relevant to the manpower needs of Brunei Darussalam.

The programmes lead to a variety of careers in areas as diverse as electrical power, electronics, photonics, communications, control and renewable energy. Professional activities in the programme area are well-established and most faculty members are active in research and development activities. In line with the ethos, vision and mission of Universiti Teknologi Brunei and the values of MIB, our degree programmes aim to provide students with hands-on skills and knowledge which will enable them to make valuable contributions to national and international development.

The programmes are designed in such a way that our graduates will be equipped with up-to-date knowledge on advanced technologies to cope with the challenges of a rapidly changing work environment. In addition, graduates will be able to develop the professional and ethical skills necessary to become effective technopreneurs and innovators to respond to the socioeconomic needs of the nation as well as the world.

Bachelor of Engineering (Honours) in Electrical And Electronic Engineering

Electrical and Electronic Engineering uses science, technology, and problem-solving skills to design, construct, and maintain products, services, and information systems. An Electrical and Electronic engineer will have a wide range of job opportunities such as design engineer, project engineer, research engineer, systems and design engineer, software engineer, to name a few.

Career Opportunities

Graduates with degrees in Electrical and Electronic Engineering are sought after in various industries, including but not limited to:

- Automation
- Automotive
- Aviation
- Construction
- Consultancy
- Defence
- Electronics
- Government Agencies
- IT industry
- Manufacturing
- Marine
- Oil and Gas
- Power generation and distribution
- Utilities

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **CCD** or **220 'A' Level points** in 3 'A' Levels including **Mathematics or Further Mathematics** (Grade C or higher), **Physics** (Grade C or higher) and one relevant Subject (**Chemistry, Biology, Design and Technology, Computer Science, Thinking Skills, Accounting and Geography**).

or

Atleast **BC** or **180 'A' Level points** for 2 'A' level passes in **Mathematics or Further Mathematics** and **Physics** at grade C or higher.

International Baccalaureate:

28 points with minimum of 4 points at higher level or

5 points at standard level, in both Mathematics and Physics, and 4 points at higher level for one relevant subject (Chemistry, Design and Technology, Biology and Geography).

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

Minimum CGPA of 1.6 out of 3, and Merit grade or higher in at least 60% of analytical modules such as Mathematics and Electrical & Electronic Principles.

For mature applicants:

A relevant BDQF Level 5 Diploma or its equivalent, with relevant engineering-focused work experience to be decided on a case-by-case basis.

Work Experience or other qualifications:

Other work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis (including successful completion of the BriTE programme).

year programme

UTB ExperiencePLUS

Bridging Available

Scan or click here for the programme structure.

Bachelor of Engineering (Honours) in Mechatronics Engineering

Mechatronics is a multi-disciplinary study dealing with the integration of mechanical devices, electronics, intelligent controllers and computers. Many new generations of consumer or commercial products can be classified as mechatronic products as they involve mechanical as well as electronic components.

The need for mechatronic education has grown due to the increase in the number and importance of such systems and devices. This programme is designed to provide in-depth knowledge in the fundamentals, design, analysis and operation of mechatronic systems and will be conducted by faculty from both the Electrical & Electronic Engineering and Mechanical Engineering departments at UTB.

Career Opportunities

Mechatronics Engineering graduates have a diverse range of career opportunities, given their multidisciplinary skill set that combines electronics, control and mechanical engineering. These graduates are well-equipped to pursue roles as (but not limited):

- Automation Engineer
- Electronics Engineer
- Electrical Engineer
- Instrumentation and Control Engineer
- Mechatronics Engineer
- Project Engineer
- Robotics Engineer
- Software Engineer
- System Engineer

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **CCD or 220 'A' Level points** in 3 'A' Levels including **Mathematics or Further Mathematics** (Grade C or higher), **Physics** (Grade C or higher) and one relevant Subject (**Chemistry, Biology, Design and Technology, Computer Science, Thinking Skills, Accounting and Geography**).

or

atleast **BC** or **180 'A' Level points** for 2 'A' level passes in **Mathematics or Further Mathematics** and **Physics** at grade C or higher.

International Baccalaureate:

28 points with minimum of 4 points at higher level or 5 points at standard level, in both Mathematics and Physics, and 4 points at higher level for one relevant science subject (Chemistry, Design and Technology, Biology and Geography).

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

Minimum CGPA of 1.6 out of 3, and Merit grade or higher in at least 60% of analytical modules such as Mathematics, Electrical & Electronic Principles, Electrotechnology, Mechanics and Thermodynamics.

For mature applicants:

A relevant BDQF Level 5 Diploma or its equivalent, with relevant engineering-focused work experience to be decided on a case-by-case basis.

Work Experience or other qualifications:

Other work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis (including successful completion of the BriTE programme).

year programme

UTB ExperiencePlus

Bridging Available

Scan or click here for the programme structure.

Mechanical Engineering

Mechanical engineering principles and skills are practised in the use, development, and innovations of products, processes, and power. Mechanical engineering is one of the oldest, broadest, and most versatile branches of engineering. Mechanical Engineering in UTB is offered as a broad-based programme built upon the expertise in design, manufacturing, applied mechanics, materials, and thermo-fluid areas.

The programme aims to produce graduate mechanical engineers with high level of competency, leadership quality, and professionalism. The programme attains the accreditation from the world-renowned Institution of Mechanical Engineers (IMechE), United Kingdom. This is a testament that the programme is internationally recognised and that the graduates have the underpinning knowledge, understanding and skills needed to solve complex engineering problems. This is in line with the requirements of the Washington Accord international agreement and supports the Sustainable Development Goals for quality education.

The accredited programme offers key foundation for the practice of Engineering at the professional level and UTB graduates are well-positioned to support the role of engineering in building a more sustainable and equitable world.

Institution of MECHANICAL ENGINEERS

Engineering Council accredited degree

Bachelor of Engineering (Honours) in Mechanical Engineering

The aim of the programme is to produce qualified graduate mechanical engineers to meet the requirements of engineering organisations and industries. Graduates from the programme will be able to enter the workforce immediately or to further their studies in various fields of mechanical engineering at the postgraduate level. The programme is broad based and covers all general areas of mechanical engineering such as design, manufacturing, materials, applied mechanics and thermo-fluids.

Career Opportunities

The programme has and continues to lead to a wide variety of careers, both in Brunei as well as internationally, in various sectors, including energy, manufacturing, agriculture, defence, and transportation. Mechanical Engineers also have the edge in contributing towards the future of energy, transportation, healthcare, and various areas where sustainability and technology converge.

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **CCC or 240 'A' Level points** in 3 'A' Levels including **Mathematics or Further Mathematics** (Grade C or higher), **Physics** (Grade C or higher) and one relevant Science Subject (**Design and Technology, Chemistry, Biology and Computer Science**).

or

Atleast **BC or 180 points for 2 'A' level** passes in **Mathematics** and **Physics** at grade C or higher, and a credit in Chemistry at GCE 'O' level or equivalent.

International Baccalaureate:

28 points with a minimum of 4 points at higher level or 5 points at standard level, both in Mathematics and Physics, and 4 points at higher level for one relevant science subject (Chemistry, Design and Technology, Biology and Geography).

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

Minimum CGPA of 1.6 out of 3, and Merit grade or higher in at least 60% of analytical modules such as Mathematics, Mechanics, Thermodynamics, Engineering Design and Air Conditioning.

For mature applicants:

A relevant BDQF Level 5 Diploma or its equivalent, with relevant engineering-focused work experience to be decided on a case-by-case basis.

Work Experience or other qualifications:

Other work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis (including successful completion of the BriTE programme).

year programme

UTB ExperiencePlus

Bridging Available

Scan or click here for the programme structure.


V8
V1
T1
T2
T3
T4
T7
T8

Petroleum and Chemical Engineering

The degree programmes offered by Petroleum and Chemical Engineering are designed to meet the dynamic demands of modern industries, emphasising process optimisation, safety, and sustainability. Tailored to cover both upstream and downstream processes, the curriculum spans the entirety of the energy sector. Graduates will emerge well-prepared to contribute responsibly and ethically, equipped with a nuanced understanding of crucial upstream and downstream processes, fostering a proficient and versatile engineering workforce. Ultimately, the programme aims to strategically enhance and expand Brunei's engineering landscape, seamlessly aligning with the nation's vision of Wawasan 2035 for a dynamic, sustainable, and resilient future.

Bachelor of Engineering (Honours) in Chemical Engineering

Chemical Engineering focuses on the efficient conversion of raw materials into essential products, with a strong emphasis on safety, environmental sustainability, and energy efficiency. In Brunei, a Chemical Engineering degree is particularly valuable in the thriving oil and gas sector. Beyond this, diverse opportunities await in sectors such as chemicals, biotechnology, pharmaceuticals, energy, water, and food production, all integral to Brunei's expanding economy. Graduates in Chemical Engineering are well-positioned for promising career prospects, their expertise being highly sought after in a variety of growing industries.

Career Opportunities

Graduates in chemical engineering have diverse and promising career opportunities across various industries. Key roles for these graduates include positions as Process Engineers, Environmental Engineers, Biotechnologists, Pharmaceutical Engineers, Energy Engineers, Materials Engineers, Petroleum Engineers, Health and Safety Engineers, Food and Beverage Engineers, Project Managers, Quality Control Engineers, and Water Resource Engineers, among others. Their contributions extend to the design, optimisation, and oversight of processes in sectors including manufacturing, environmental sustainability, healthcare, and energy production. The adaptability of chemical engineering graduates is evident in their ability to address intricate challenges across diverse sectors.

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **CCC or 240 'A' Level points** in 3 'A' Levels including **Mathematics or Further Mathematics** (Grade C or higher), **Chemistry** (Grade C or higher) and one relevant Science Subject (**Physics, Biology, Design and Technology and Computer Science**).

International Baccalaureate:

28 points with minimum of 4 points at higher level or 5 points at standard level, both in Mathematics and Chemistry, and 4 points at higher level for one relevant science subject (Physics, Biology, Design and Technology, and Geography).

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

Minimum CGPA of 1.6 out of 3, and Merit grade or higher in at least 60% of analytical modules such as Mathematics, Mechanics, Chemistry, Chemical Unit
Processes and Chemical Unit Operations.

For mature applicants:

A relevant BDQF Level 5 Diploma or its equivalent, with relevant engineering-focused work experience to be decided on a case-by-case basis.

Work Experience or other qualifications:

Other work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis (including successful completion of the BriTE programme).

year programme

UTB ExperiencePlus

Bridging Available

Scan or click here for the programme structure.

Bachelor of Engineering (Honours) in Energy Engineering

The Energy Engineering programme is designed to provide graduates with the essential skills needed for success as energy engineers across a range of industries and professional avenues. Through this course, students acquire a diverse skill set, enabling them to effectively oversee, improve, and innovate energy consumption and utilisation. Graduates are well-prepared for employment in various sectors, including oil and gas, process engineering, chemical industries, electricity generation, renewable energy, and operations management. This comprehensive curriculum ensures that students are well-equipped to tackle the dynamic challenges of the energy sector, positioning them as valuable contributors to sustainable and efficient energy solutions. Upon completion, they are ready for fulfilling careers at the forefront of shaping Brunei's energy future.

Career Opportunities

Graduates in energy engineering will have exciting and promising career avenues across diverse industries. Potential roles for these professionals include positions as Renewable Energy Analyst, Power Systems Engineer, Energy Efficiency Planner, Project Development Manager, Energy Consultant, Petroleum Engineer, and Process Engineers, among others. Their influential contributions span the design, optimisation, and oversight of processes in sectors like renewable energy, power systems, environmental sustainability, and energy efficiency. The adaptability of energy engineering graduates shines through as they navigate complex challenges, establishing them as indispensable innovators in the ever-evolving realm of energy solutions.

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **CCC or 240 'A' Level points** in 3 'A' Levels including **Mathematics or Further Mathematics** (Grade C or higher), **Physics** (Grade C or higher) and one relevant Science Subject (**Chemistry, Biology, Design and Technology and Computer Science**).

International Baccalaureate:

28 points with minimum of 4 points at higher level or 5 points at standard level, both in Mathematics and Physics, and 4 points at higher level for one relevant science subject (Chemistry, Biology, Design and Technology, and Geography).

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

Minimum CGPA of 1.6 out of 3, and Merit grade or higher in at least 60% of analytical modules such as Mathematics, Mechanics, Physics, and Reservoir Engineering.

For mature applicants:

A relevant BDQF Level 5 Diploma or its equivalent, with relevant engineering-focused work experience to be decided on a case-by-case basis.

Work Experience or other qualifications:

Other work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis (including successful completion of the BriTE programme).

year programme

UTB ExperiencePlus

Bridging Available

Scan or click here for the programme structure.

Graduate Programmes
at Faculty of Engineering

The Faculty of Engineering welcomes students who are keen to undertake the intellectual challenge of research which contributes to the advancement of engineering knowledge, including the solution of technical challenges and problems faced by industry and society. Through these programmes, the students will develop critical skills in independent learning and problem-solving using advanced methods, enabling them to embark on careers in research and development, whether in industry or in academia.

Programme Length

MSc by Research (Full Time)

2 years of supervised study inclusive of the writing-up period.

MSc by Research (Part Time)

4 years of supervised study inclusive of the writing-up period.

PhD (Full Time)

3 years of supervised study inclusive of the writing-up period.

PhD (Part Time)

6 years of supervised study inclusive of the writing-up period.

Research Areas

Research areas include (but are not limited to) the following:

Civil Engineering

- **Construction Management**
- **Construction Materials**
- **Geotechnical Engineering**
- **Structural Engineering**
- **Transportation Engineering**
- **Water and Environmental Engineering**

Electrical And Electronic Engineering

- **Communications and Electronics**
- **Electrical Power**
- **Control Systems**
- **Computer and Embedded Systems**

Mechanical Engineering

- **Applied Mechanics and Materials**
- **Design and Manufacturing**
- **Energy and Fluid Flow**

Petroleum and Chemical Engineering

- **Modelling and Simulation**
- **Petroleum Engineering**
- **Process Safety**
- **Renewable Energies**

Master of Science (by Coursework) in Civil Engineering

This programme has been developed to deepen students' knowledge and skills in analysis and problem-solving, and therefore their ability to address new issues and challenges in all civil engineering disciplines. The programme thus aims to produce graduates who are equipped for professional roles in the civil engineering industry.

This degree is accredited by the Joint Board of Moderators (JBM) comprising of the Institution of Civil Engineers, Institution of Structural Engineers, Institute of Highway Engineers, the Chartered Institution of Highways and Transportation and the Permanent Way Institution on behalf of the Engineering Council as meeting the academic requirement for Further Learning for registration as a Chartered Engineer (CEng). To hold accredited qualifications for CEng registration, candidates must also hold a Bachelor (Hons) degree that has been accredited as partially meeting the academic requirement for registration as a Chartered Engineer (CEng). Further information regarding JBM accreditation may be found from www.jbm.org.uk/accreditation/accreditation-programmes/

The Full-Time programme is one year in duration. The Part-Time programme is two years long, and is expected to run on Saturdays during the Semesters.

Entry Requirements

A minimum of a Lower Second Class Honours Bachelor's degree, or equivalent, in Civil Engineering or related discipline, recognised by the Senate of UTB.

At least a credit in English Language GCE 'O' Level or an IELTS score of 6.0 or a TOEFL minimum overall score of 550 or their equivalent. The IELTS or TOEFL is to be taken within two years of the start date of the programme. The English Language requirements may be waived where qualifying studies in Higher Education was in the medium of English Language. Where candidates completed their higher education more than 2 years prior to their current application, they will need to provide the English Language GCE 'O' Level or IELTS or TOEFL results mentioned above.

Student who wish to be admitted as a mature candidate must satisfy the following minimum requirements:

- Applicants must have at least 3 years of relevant working experience for admission to Master's Degree programme;
- At least a credit 6 in English Language at GCE 'O' Level Examination or a Grade 'C in IGCSE English (as a Second Language) or a valid IELTS score of 6.0 or a TOEFL minimum overall score of 550;
- Satisfactory interview and/or entry test.
- Candidates with other qualifications will be considered on a case by case basis.

Scan or click here for the programme structure.

Entry Requirements

A minimum of a Lower Second Class Honours Bachelor's degree, or equivalent, in Electrical and Electronic Engineering or related discipline, recognised by the Senate of UTB.

At least a credit in English Language GCE 'O' Level or an IELTS score of 6.0 or a TOEFL minimum overall score of 550 or its equivalent. The IELTS or TOEFL is to be taken within two years of the start date of the programme. The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than 2 years prior to their current application, they will need to show that they have continued to study or work in the medium of English.

Student who wish to be admitted as a mature candidate must satisfy the following minimum requirements:

- Applicants must have at least 3 years of relevant working experience for admission to Master's Degree programme;
- At least a credit 6 in English Language at GCE 'O' Level Examination or a Grade 'C in IGCSE English (as a Second Language) or a valid IELTS score of 6.0 or a TOEFL minimum overall score of 550;
- Satisfactory interview and/or entry test.
- Candidates with other qualifications will be considered on a case by case basis.

Scan or click here for the programme structure.

Master of Science (by Coursework) in Electrical and Electronic Engineering

The aim of the MSc in Electrical and Electronic Engineering programme is to prepare students for a career in industry whether in the public or private sector, as well as enable them to pursue further studies to become a researcher. It also aims to provide continuing professional development opportunities related to the electrical and electronic engineering. In addition to the knowledge and understanding of electrical and electronic engineering the programme will provide an integrated understanding of power systems, communications systems, and develop leadership and interpersonal skills.

The Full-Time programme is one year in duration. The Part-Time programme is two years long, and is expected to run 1-2 weekdays per week during the Semesters.

Master of Science (by Coursework) in Mechanical Engineering

The programme is designed to provide advanced knowledge in mechanical engineering with sound engineering principles, research and communication skills for solving real life problems related to mechanical engineering.

Entry Requirements

A minimum of a Lower Second Class Honours Bachelor's degree, or equivalent, in Mechanical Engineering or related discipline, recognised by the Senate of UTB.

At least a credit in English Language GCE 'O' Level or an IELTS score of 6.0 or a TOEFL minimum overall score of 550 or its equivalent. The IELTS or TOEFL is to be taken within two years of the start date of the programme. The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than 2 years prior to their current application, they will need to show that they have continued to study or work in the medium of English.

Student who wish to be admitted as a mature candidate must satisfy the following minimum requirements:

- Applicants must have at least 3 years of relevant working experience for admission to Master's Degree programme;
- At least a credit 6 in English Language at GCE 'O' Level Examination or a Grade 'C in IGCSE English (as a Second Language) or a valid IELTS score of 6.0 or a TOEFL minimum overall score of 550;
- Satisfactory interview and/or entry test.
- Candidates with other qualifications will be considered on a case by case basis.

Scan or click here for the programme structure.

Entry Requirements

A minimum of a Lower Second Class Honours Bachelor's degree, or equivalent, in Civil Engineering or related discipline, as recognised by the Senate of UTB.

At least a credit in English Language GCE 'O' Level or an IELTS score of 6.0 or a TOEFL minimum overall score of 550 or its equivalent. The IELTS or TOEFL is to be taken within two years of the start date of the programme. The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than 2 years prior to their current application, they will need to provide the English Language GCE 'O' Level or IELTS or TOEFL results mentioned above.

Student who wish to be admitted as a mature candidate must satisfy the following minimum requirements:

- Applicants must have at least 3 years of relevant working experience for admission to Master's Degree programme;
- At least a credit 6 in English Language at GCE 'O' Level Examination or a Grade 'C in IGCSE English (as a Second Language) or a valid IELTS score of 6.0 or a TOEFL minimum overall score of 550;
- Satisfactory interview and/or entry test.
- Candidates with other qualifications will be considered on a case by case basis.

Scan or click here for the programme structure.

Master of Science (by Coursework) in Water Resources and Environmental Engineering

This Master's program in Water Resources and Environmental Engineering is designed to meet the growing demands for skilled professionals in the field. It focuses on addressing water and environmental challenges by conducting projects, providing support, and offering advisory services to the government and other organizations. The goal is to produce graduates well-prepared for professional roles in the water resources and environmental engineering industry.

The MSc in Water Resources and Environmental Engineering programme is accredited by the Institution of Civil Engineers (ICE), the Institution of Structural Engineers (IStructE), the Chartered Institution of Highways and Transportation (CIHT) and the Institute of Highway Engineers (IHE) on behalf of the UK Engineering Council.

This degree is accredited by the Joint Board of Moderators (JBM) comprising of the Institution of Civil Engineers, Institution of Structural Engineers, Institute of Highway Engineers, the Chartered Institution of Highways and Transportation and the Permanent Way Institution on behalf of the Engineering Council as meeting the academic requirement for Further Learning for registration as a Chartered Engineer (CEng). To hold accredited qualifications for CEng registration, candidates must also hold a Bachelor (Hons) degree that has been accredited as partially meeting the academic requirement for registration as a Chartered Engineer (CEng).Further information regarding JBM accreditation may be found from www.jbm.org.uk/accreditation/accreditation-programmes/

UTB School of Business

In line with the ethos, vision and mission of UTB and the philosophy of MIB, all programmes offered by UTB School of Business aim to provide students with the skills and knowledge which will enable them to make practical and valuable contributions to the national development. The programmes are designed so that graduates will be equipped to cope with the challenges of a rapidly changing work environment. Teaching and learning are based on a balanced combination of knowledge acquisition, hands-on practice and work experience. Besides, students will be able to develop the skills necessary to become effective entrepreneurs and innovators and to respond to the changing environmental and socioeconomic needs of the nation.

The combination of business studies and IT opens up a wide range of careers in the public and private sectors of the economy. The degrees also provide a platform for entrepreneurship and/or further study at the graduate level. UTB School of Business offers one undergraduate with six majors, and three graduate degree programmes under the following programme areas:

- Accounting
- Economics
- Management

Accredited by

ACCREDITED ACCA PROGRAMME

EFMD ACCREDITED

Programmes Offered

UTB-SP Bridging Programme

BriBUS

Undergraduate Programmes

Accounting Programme Area

Bachelor of Business (Honours) (Major in Accounting Information Systems)
Bachelor of Business (Honours) (Major in Finance and Risk Management)

Economics Programme Area

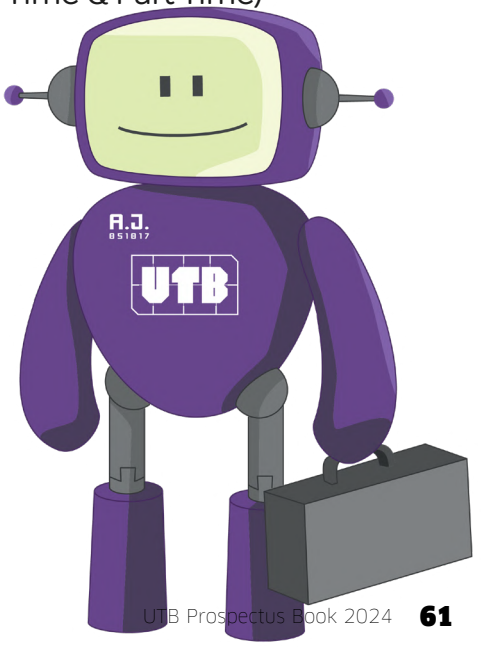
Bachelor of Business (Honours) (Major in Applied Economics and Finance)
Bachelor of Business (Honours) (Major in Marketing Information Systems)

Management Programme Area

Bachelor of Business (Honours) (Major in Business Information Management) (Full Time & Part Time)
Bachelor of Business (Honours) (Major in Business Technology Management)

Graduate Programmes

Master of Science (by Coursework) in Management and Technology (Full Time & Part Time)
Master of Science by Research (Full Time & Part Time)
Doctor of Philosophy (PhD) (Full Time & Part Time)



Undergraduate Programme Entry Requirements
(either one of the following requirements):
'A' Level:
Atleast **CDD or 200 'A'Level points** in 3 'A' Levels in relevant English Medium subjects.
or
atleast **BC or 180 'A'Level points** in 2 'A' Levels in relevant English Medium subjects*.

International Baccalaureate:
A minimum of 24 points in relevant subjects.

Relevant BDQF L5 Diploma or BTEC Higher National Diploma or Advanced Diploma or its equivalent:
BTEC/BDTVEC HND or Advanced Diploma in Business or ICT fields with acceptable grades as specified by the faculty.

For mature applicants:
A relevant BDQF Level 5 Diploma or its equivalent, with relevant Business or ICT fields with acceptable grades

Work Experience or other qualifications:
Other work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis (including successful completion of the BriBus programme).

In addition to the above entry requirements, a minimum of Credit Six in Mathematics at GCE 'O' level or equivalent is required for admission to the programmes.

Relevant subjects include:

- **Accounting**
- **Additional Mathematics**
- **Biology**
- **Business Studies/Management**
- **Chemistry**
- **Computing**
- **Design and Technology**
- **Economics**
- **English Literature**
- **Further Mathematics**
- **Geography**
- **History**
- **Information Technology**
- **Law**
- **Mathematics**
- **Physics**
- **Psychology**
- **Public Affairs**
- **Sociology**
- **Thinking Skills**
- **Travel Tourism**


Successful Project
A Step-by-Step Approach with Practical Examples
HD
BOOK END

Accounting

Bachelor of Business (Honours)

(Major in Accounting Information Systems)

This programme combines the detailed orientation of an Accounting degree with focus on information systems to create value for today's business. It is structured to assist in the intellectual, social and personal development of the student as a preparation for entrance to a range of business professions and able to satisfy the academic requirements of accounting professional bodies and it is in the process of getting exemptions from ACCA. This programme prepares students for specialised careers in accounting, auditing, consulting and business analysis. Its graduates work for the government, public accounting firms, insurance companies, financial institutions and other major business corporations.

3 year programme

UTB ExperiencePLUS

Bridging Available

Scan or click here for the programme structure.

Bachelor of Business (Honours)

(Major in Finance and Risk Management)

This programme combines the detailed orientation of a Finance degree with a specialisation in Risk Management Finance is a fast-growing employment field with roots in accounting and economics but has developed its unique framework of knowledge. There is an increasing demand for graduates who are aware of the connection between finance and risk, and able to properly manage this relationship. This programme provides all the technical tools and knowledge that a risk specialist needs to work in any type of organisation. On completion of this programme, the students will be well prepared to follow a career in the fields of risk management or risk analysis in banks, government agencies, portfolio management companies, corporate treasury, risk management software implementation companies, specialised finance boutiques and hedge funds.

3 year programme

UTB ExperiencePLUS

Bridging Available

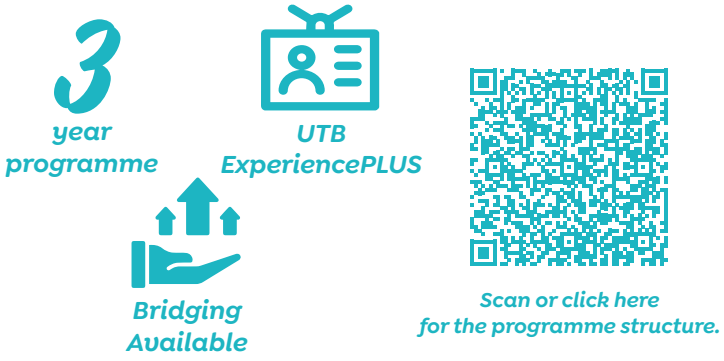
Scan or click here for the programme structure.

Economics

Bachelor of Business (Honours)

(Major in Applied Economics And Finance)

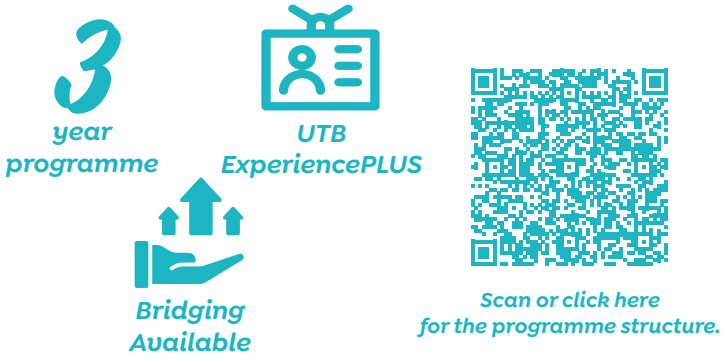
Our Applied Economics and Finance degree provides an excellent academic foundation for anyone interested in a career in almost all the sectors of commerce and industry. This programme will give you a strong understanding of economics and finance while developing your ability to apply this knowledge to a range of real-world situations. Today private companies and public organisations need leaders and managers who understand economics and business, as well as technology. This degree programme will provide you with essential economics, finance and technology-related skills and thus prepares you for a wide range of jobs in the private and public sectors. Furthermore, the successful completion of this degree programme prepares you for further study in economics and finance, besides making you eligible for a variety of careers locally and regionally such as business administration, finance, banking, consulting, public sector management and policy, private sector entrepreneurship, education sector and research.



Bachelor of Business (Honours)

(Major in Marketing Information Systems)

This programme introduces students to the theoretical and applied concepts in marketing as well as the analysis of business problems to provide solutions in the complex business environment with a critical focus on sales targets and profit maximisation. The rapid emergence of the global Knowledge Economy has changed the marketing concept significantly which produce tangible and intangible products. The course content in this programme has the right mixture of theoretical and application-based marketing, product development, market research, consumer behaviour, digital marketing, project management, and applied marketing-related modules. The career prospects for the students are well diverse. Their skillset can be used either in the private or government sectors in the areas of brand management, retailing, corporate communications, product development, services industry, academic, marketing analyst and media consultancy etc.



Management

Bachelor of Business (Honours)

(Major in Business Technology Management)

Business Technology Management programme provides an understanding of technology management techniques and the capability to accept broader and more responsible roles (both technical and managerial) within a continually changing environment. It aims to develop students' practical understanding of the management of technology in organisations and the changing external context in which they operate. It is designed to provide knowledge and skills, both functional and integrative, in the field of business and technology management. It also aims to develop an entrepreneurial community with the application of theories and concepts of technology management. It provides opportunities for the systematic development of the skills, application of theories, tools and practises of management which will enable students to effectively lead and manage in contemporary organisations.

Scan or click here for the programme structure.

Bachelor of Business (Honours)

Business Information Management (Full Time & Part Time)

Business Information Management programme aims to develop students' practical understanding of the management of information in organisations and the changing external context in which they operate. It provides knowledge and skills, both functional and integrative, in the field of business and information management. It aims to develop an entrepreneurial community with the application of theories and concepts of the business information management system. Furthermore, it provides opportunities for the systematic development of the skills, application of theories, tools and practises of management which will enable students to effectively lead and manage modern organisations.

Programme Length: 3 Years - Full Time
4 Years - Part Time

Scan or click here for the programme structure.

Scan or click here for the programme structure.

Entry Requirements for Part Time
(either one of the following requirements):
'A' Level:
Atleast **CDD or 200 'A'Level points** in 3 'A' Levels in relevant English Medium subjects.
or
atleast **BC or 180 'A'Level points** in 2 'A' Levels in relevant English Medium subjects*.

International Baccalaureate:
A minimum of 24 points in relevant subjects.

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:
BTEC/BDTVEC HND or Advanced Diploma in Business or ICT fields with acceptable grades as specified by the faculty.

For mature applicants:
A relevant BDQF Level 5 Diploma or its equivalent, with relevant engineering-focused work experience to be decided on a case-by-case basis.

In addition to the above, a minimum of Credit Six in English Language at GCE 'O' Level or a valid IELTS score of 6.0 or a valid TOEFL minimum overall score of 550 or its equivalent is equired. The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than two years prior to their current application, they will need to show that they have continued to study or work in the medium of English.

Graduate Programmes
at UTB School of Business

Programme Length

MSc by Research (Full Time)

2 years of supervised study inclusive of the writing-up period.

MSc by Research (Part Time)

4 years of supervised study inclusive of the writing-up period.

PhD (Full Time)

3 years of supervised study inclusive of the writing-up period.

PhD (Part Time)

6 years of supervised study inclusive of the writing-up period.

Research Areas

Research areas include (but are not limited to) the following:

Management

- **Human Capital Management**
- **Strategy Management**
- **Knowledge Management**
- **Operations Management**
- **Management Information Systems**
- **e-Government**
- **Business Intelligence Systems**
- **Data Science for Business**
- **Innovation Management**

Economics

- **Entrepreneurship**
- **Technopreneurship**
- **Economics**
- **Marketing**

Accounting and Finance

- **Corporate Finance**
- **Financial Risk Management**
- **Accounting Information Systems & Reporting**
- **Performance Measurement**
- **Mathematical Finance and Financial Markets**

Master of Science (by Coursework) in Management and Technology (Full Time)

The MSc in Management and Technology program is designed to cultivate leaders in technology ventures for both government and private sectors, incubators, and start-ups. It equips executives and managers with the skills to plan, analyze, and supervise works, fostering critical problem-solving, effective communication, and entrepreneurial abilities. This degree enhances awareness and skills for effective operation in various organizations, providing a solid understanding of organizational dynamics. It serves as an excellent choice for those entering business technology and management, offering a competitive edge in the job market. The UTB School of Business offers this program to meet the needs of professionals aspiring to or holding management positions in technical and non-technical organizations. The program combines theory, practical case studies, and research, preparing graduates for leading technology management roles across industries. It emphasizes critical discussion of academic literature, social theories, and industry case studies to enhance understanding of information systems-technology, innovation, and management practices.

Programme Length: 1 Year (2 Semesters)

Scan or click here for the programme structure.

Entry Requirements

At least a second-class honours Bachelor's degree, or equivalent, recognised by the Senate of UTB.

At least a credit or equivalent in English Language GCE O-level or an IELTS score of 6.0 or a TOEFL minimum overall score of 550 or its equivalent.

The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than 2 years prior to their current application they will need to show that they have continued to study or work in the medium of English.

For mature applicants: Standard university requirements for mature candidates as prescribed by university regulations apply.

Entry Requirements

At least a second-class honours Bachelors degree, or equivalent, recognised by the Senate of UTB.

At least a credit or equivalent in English Language GCE O-level or an IELTS score of 6.0 or a TOEFL minimum overall score of 550 or its equivalent.

The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than 2 years prior to their current application they will need to show that they have continued to study or work in the medium of English.

Mature candidates who do not meet the above minimum requirements but have significant relevant work experience are encouraged to apply.

Admissions criteria for matured candidates are in place and such applications shall be considered on a case by case basis.

Scan or click here for the programme structure.

Master of Science (by Coursework) in Management and Technology (Part Time)

The part-time programme format is designed to help you balance your demanding career and commitments with intensive study and professional, as well as personal, development. Building on your first degree and/or professional experience, you'll study contemporary theory on leading and managing people and be exposed to leading industry practises to develop your expertise in the effective management of people and technology in technical and non-technical contexts. The programme is an excellent choice as a path to business technology and management.

We emphasise translating academic research and learning to real work situations to develop your professional and managerial skills. We do this by engaging you in real-world issues through, for example, case studies based on investigative projects. You'll be prepared for a range of managerial and operational roles, where a key responsibility lies in managing, supporting and developing an organisation's strategy, human resources and technology in global and culturally diverse settings.

The modules offered similar to full-time MSc Management & Technology. The duration of study is two years (four semesters).

Programme Length: 2 Years (4 Semesters)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UNIVERSITI TEKNOLOGI BRUNEI
UTB School of Business
International Outreach Programme

School of Computing and Informatics

School of Computing and Informatics (SCI) was originated from the Department of Computing and Information Systems that was established in 1986 when Universiti Teknologi Brunei (UTB) was still at its infancy. It was then made one of the departments under the School of Business and Management in 2003.

When UTB was upgraded to a university in 2008, it became a programme area under the Faculty of Business and Computing. Recognising the rapid growth in the fields of dedicated computing systems and creative informatics, SCI was formed in 2014 and consists of three programme areas:

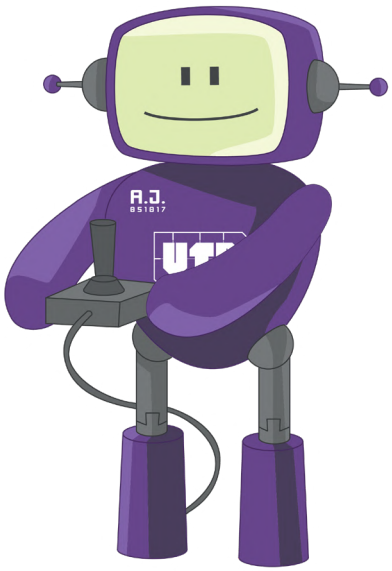
- Creative Computing (CC)
- Computer and Information Systems (CIS)
- Computer Network and Security (CNS)

As part of the journey to the University's aspiration to become a global university impacting society, our mission is to produce graduates with exceptional lifelong-learning skills and relevant competencies through innovative teaching and research. Our school has successfully produced Computing and Informatics professionals and we will continue to be the main driver in the areas of strategic importance nationally and globally. The school is also committed to organise the International Conference on Computational Intelligence in Information Systems (CIIS), held bi-annually. The 4th CIIS 2020 was held on 25th to 27th January 2021. CIIS aims to provide an opportunity to research scholars, academicians, industrialists and research students to interact and share their experience and knowledge in the recent technological advancements in the field of Computing and Information Systems.

The school is currently offering undergraduate programmes, postgraduate degree by coursework, and by research, and customised short courses on need basis. SCI is an Educational Affiliate of the British Computer Society (BCS), the Chartered Institute of IT, and three of its undergraduate programmes are accredited by BCS.

bcs Accredited Degree

Programmes Offered



UTB-SP Bridging Programme

BriCOMP

Undergraduate Programmes

Creative Computing Programme Area

Bachelor of Science (Honours) in Digital Media
- Major in Digital Content Design
- Major in Game Development

Computer and Information Systems Programme Area

Bachelor of Science (Honours) in Computing (Full Time and Part Time)
- Major in Software Development
- Major in Data Analytics

Computer Network and Security Programme Area

Bachelor of Science (Honours) in Information Security
Bachelor of Science (Honours) in Computer Networking

Graduate Programmes

Master of Science in Computing and Information Systems (Full Time)
Master of Science in Cyber Security (Full Time and Part Time)

Master of Science by Research (Full Time & Part Time)
Doctor of Philosophy (PhD) (Full Time & Part Time)

1: The four-year undergraduate programs are accredited by the British Computer Society (BCS) for Chartered IT Professional (CITP) and partial Chartered Engineer (CEng). The three-year programs will be accredited by BCS soon after the first cohort graduates in 2024.

BCS Accreditation is a mark of assurance that the degree meets the standards set by BCS. An accredited degree entitles you to professional membership of BCS, which is an important part of the criteria for achieving Chartered IT Professional (CITP) status through the Institute.

Several employers recruit preferentially from accredited degrees, and an accredited degree is likely to be recognised by other countries that are signatories to international accords.

Undergraduate Programme Entry Requirements
(either one of the following requirements):
'A' Level (Please refer to next page for the subjects group)**:**
Atleast **CDD or 200 'A'Level points** in 3 'A' Levels including:
- One subject from Group A1, two from Group A2 or;
- Two subjects from Group A1, one from A2 or;
- Three subjects from Group A1
or
atleast **BC or 180 'A'Level points** in 2 'A' Levels including:
- One subject from Group A1, one from Group A2 or;
- Two subjects from Group A1.

International Baccalaureate:
Minimum of 24 points including:
- One subject from Group B1, two from Group B2 or;
- Two subjects from Group B1, one from B2.

Group B1
- **Mathematics**
- **Physics**
- **Computer Studies / Science**

Group B2
- **Biology**
- **Business Management**
- **Chemistry**
- **Design & Technology**
- **Economics**
- **Geography**
- **History**
- **Psychology**
- **English Literature**

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:
Applicants with BDQF Level 5 (L5) equivalence Diploma in Computing field or Information Technology related fields accredited by Brunei Darussalam National Accreditation Council (BDNAC) with acceptable grades as specified by the School. Applicants with no credit O level Mathematics must show that they have studied Mathematics equivalence in their L5 Diploma. Other L5 Diploma qualifications will be considered on a case-by–case basis. The qualification must be obtained within 2 years of the proposed admission date.

Other applicants, who obtained their Level 5 Diploma more than 2 years before the proposed admission date, will be considered on a case-by-case basis, with relevant work or other experience.

For mature applicants:
For mature applicants, standard university requirements for mature candidates as prescribed by university regulations apply.

Mature candidates, both in the public and private sector, who have significant relevant experience in the field, and relevant qualifications at Level 5 Diploma or equivalent level, are eligible to apply and will be considered on a case-by–case basis. Standard university requirements for mature candidates as prescribed by university regulations apply.

Work Experience or other qualifications:
Other work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis.

In addition to the above entry requirements, a minimum of Credit Six in Mathematics at GCE 'O' level or equivalent is required for admission to the programmes.

BSc (Honours) in Computing

(Major in Software Development/ Major in Data Analytics)

BSc (Honours) in Computer Networking

BSc (Honours) in Information Security

'A' Level

Group A1

- **Computer Studies / Science**
- **Further Mathematics**
- **Mathematics**
- **Physics**
- **Thinking Skills**

Group A2

- **Applied ICT/IT**
- **Accounting**
- **Biology**
- **Business Studies**
- **Chemistry**
- **Design & Technology**
- **Economics**
- **English Literature**
- **Geography**
- **History**
- **Media Studies**
- **Psychology**
- **Sociology**
- **Travel & Tourism**

BSc (Honours) in Digital Media

(Major in Digital Content Design / Major in Game Development)

'A' Level

Group A1

- **Computer Studies / Science**
- **Further Mathematics**
- **Mathematics**
- **Physics**
- **Thinking Skills**

Group A2

- **Applied ICT/IT**
- **Accounting**
- **Art & Design**
- **Biology**
- **Business Studies**
- **Chemistry**
- **Design & Technology**
- **Drama & Theatre Studies**
- **Economics**
- **English Literature**
- **Geography**
- **History**
- **Media Studies**
- **Music Technology**
- **Psychology**
- **Sociology**
- **Travel & Tourism**

Creative Computing

The programme aims to equip students with the knowledge and skills needed to create engaging and impactful digital content and games. From developing creative aesthetic appreciations and mastering technical skills to exploring cutting-edge technologies and inculcating soft skills, our program will prepare students for a dynamic and exciting career in the digital world.

Undergraduate programmes offered:
Bachelor of Science (Honours) in Digital Media

- Major in Digital Content Design
- Major in Game Development

The Digital Content Design Major aims to provide students the fundamental knowledge of design via creative technological tools, nurture students' creative aesthetic appreciations, practical skills, inculcate communication skills and positive MIB values.

Throughout this three-year programme, students will develop aesthetic appreciations, theoretical understanding of design theory, and master technical and practical skills to produce aesthetic artifacts. The programme also inculcates soft skills through various student-centred workshop activities.

The Game Development Major aims to provide students the fundamental knowledge of basic game design elements common in games and basic game development skills to create simple games which does not focus on pure entertainment, but rather on serious games as well as educational content.

The programme nurtures students' programming skills, explores tools and techniques applicable for effective instruction designs, and inculcate students' communication skills and positive MIB values.

Throughout this programme, students learn theory of game design as well as common game mechanics, including gamification process and serious games design for education purposes, and implement a prototype of their concepts. Students will incorporate state-of-the-art technology in their works.

The programme instilsresearch attitude by engaging students to various research activities applicable to real solution for academia, training as well as businesses. The programme also inculcates soft skills through various student-centred workshop activities.

Bachelor of Science (Honours) in Digital Media

(Major in Digital Content Design / Major in Game Development)

Career Opportunities

For Digital Content Design Major, includes:

- Digital Content Developers
- Interactive Multimedia Applications Developers
- Digital Artists
- 3D Modelers
- 3D Riggers
- 2D/3D Animators
- Graphics Designers
- Sound Designers
- Project Managers
- Creative Directors
- Researchers

For Game Development Major, includes:

- Game Designers
- Game Developers
- Game Testers
- Level Designers
- Interactive Multimedia Applications Developer
- VR Applications Designers And Developers
- Sound Designers
- Multimedia Project Managers
- Creative Directors
- Researchers

3 year programme

UTB ExperiencePLUS

Bridging Available

Scan or click here for the programme structure.

Computer Information Systems

The Computer Information Systems (CIS) programme area offers several programmes which are built on a solid foundation of general computing and information technology skills and emphasise practical applications. Teaching and learning are based on a balanced combination of knowledge acquisition, hands-on practice and work experience. Students will be equipped with technical skills, such as: design and programming skills; knowledge of current and emerging technologies; and necessary soft skills in research, communication, teamwork and entrepreneurship to build a rewarding career in this dynamic, exciting and crucial field.

Our undergraduate and postgraduate programmes (by coursework) are reviewed to ensure we maintain academic quality, a good student experience and equip our graduates to meet the challenges of a modern economy and afford the best opportunities in future. Our review process features feedback from students, industry representatives and accrediting bodies. Time to time we revive our existing curriculum and introduce new degree programmes to benefit our students to impart latest technologies as well as to increase their career opportunities.

Bachelor of Science (Honours) in Computing

(Major in Software Development / Major in Data Analytics) - Full Time

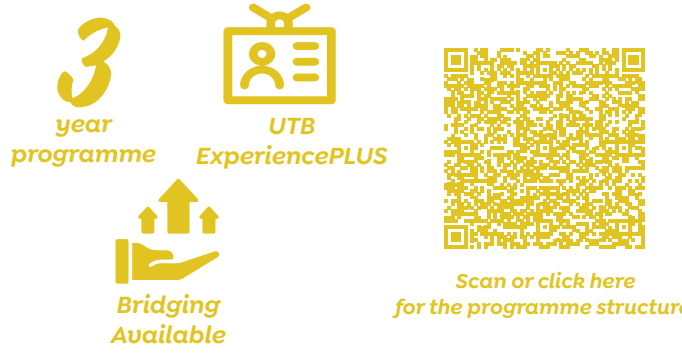
The programme have diverse skills and hence they are highly regarded by employers from various industries. The job market for these graduates includes: Data analyst, Programmer, Web designer/developer, MIS executive, Project officer, Software engineer, IT technical support.

Programme Length: 3 Years

Career Opportunities

As an added advantage, those with a Major in Software Development could further explore career openings pertaining to Mobile apps development, Project management executive and so on.

On the other hand, graduates with a Major in Data Analytics have an added advantage to further explore career openings relevant to Junior data scientist/analyst, Business Intelligence Developer, AI engineer and so on.



Bachelor of Science (Honours) in Computing

(Major in Software Development / Major in Data Analytics) - Part Time

The programme is aimed for:
- HND graduates who are currently employed.
- Mature candidates, both in the public and private sector, who have significant relevant experience in the field, and relevant qualifications at HND or equivalent level, will also be eligible to apply.

Programme Length: 4 Years

Career Opportunities
Career opportunities for graduates cover a wide range of options which includes data analyst, programmer, system designer, system developer, information specialist, project supervisors, information technology manager, and others. The programme is also designed to provide a platform for graduates' career development, innovation and/or further study to postgraduate level.

Scan or click here for the programme structure.

Entry Requirements for Part-Time
(either one of the following requirements):

Level 5 Diploma or its equivalent:
Must be obtained within the last 5 years of the proposed admission date) in Computing with at least 3 years of relevant work experience. Non-Computing fields may be considered subject to satisfactory admission interview.

Level 4 Diploma or its equivalent:
Level 4 Diploma in the Computing field with at least 7 years of relevant working experience. Other Level 4 qualifications or its equivalent may be accepted on a case-by-case basis provided their working experience is related to the programme and also subject to satisfactory admission interview, if required.

'A' Level:
At least 1 (one) 'A' level pass in English medium subject relevant to the programme, with at least 7 years working experience related to Computing field, and subject to satisfactory admission interview, if required.

For mature applicants:
For mature applicants, standard university requirements for mature candidates as prescribed by university regulations apply.

In addition to the above entry requirements, a minimum of credit or equivalent in English Language GCE O-level / IELTS score of 6.0 /TOEFL minimum overall score of 550 or its equivalent.

The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language, however, where candidates completed their higher education more than 2 years prior to their current application they will need to show that they have continued to study or work in the medium of English.

Computer Network And Security

Computer Network and Security Programme Area is one of the programme areas in the School of Computing and Informatics. This programme area currently offers two Bachelor's (Hons) degree programme in the area of Computer Network and Information Security with the aim of providing students with the skill and knowledge to enable them to make practical and valuable contributions towards national development in the field of networking and cybersecurity.

In addition to Academic Degree programme, we would also be focusing on research solving issues pertaining to Networking & Security in Wired, Wireless, Mobile, Cloud, Internet of Things. The Degree students in this programme area would thus have an opportunity to work on such research issues in their final year project contributing to networking industry.

The programme is designed in a way so that graduates will be equipped with necessary academic knowledge and also hands-on experience to solve some of the challenging issues of the Networking and Telecommunication Industry. The academic staff have adequate academic and industrial experience.

Upon successful completion of these programmes, graduates would find themselves well equipped with skills, knowledge and hands on experience to be employed in networking industry and towards pursuing higher degrees in networking and cybersecurity.

Bachelor of Science (Honours) in Information Security

The aim of the programme is to prepare graduates for the demands of industry in the skills of computer and information security. Graduates will be equipped with specialised knowledge and skills in security that are designed based on current demand from the private and public sectors.

Graduates will develop theoretical understanding and practical skills in areas such as security in wireless networks; virtual network and security; packet analysis and investigation. They will also have strong foundations in cryptography; symmetric and public key encryption; the cyber kill chain and case studies of critical infrastructure and their interdependencies. Forensic science will also be introduced, including steps from collecting data to preserving evidence. Software security is also a part of their knowledge gained that looks at the upper layers of the networking model.

Graduates' final year projects will be based on various security research, issues and applications that reflect the challenges faced globally. This will ensure that their knowledge will be relevant for their future careers, and will help prepare them for further study to postgraduate level.

Career Opportunities

Career opportunities exist in various information security areas, such as IT security, security architecture, penetration testing, security analysis, security management, cryptography, forensic analysis, cyber security, security consultancy, and general computing. The program is also designed to serve as a platform for graduates' career development, innovation, and/or further study at the postgraduate level.

Scan or click here for the programme structure.

Bachelor of Science (Honours) in Computer Networking

The main aim of the programme is to meet the demands of the
local IT industry for highly capable, multi-skilled graduates. The programme seeks to address the skills shortage by providing potential students with the necessary knowledge and abilities that will be attractive to future employers. The programme has been developed with good industry links to ensure that the graduates are equipped with the necessary knowledge and skills to meet
the ever-changing and dynamic demands of the IT industry. Mature candidates, both in the public and private sector, who have significant relevant experience in the field, and relevant qualifications at HND or equivalent level, will also be eligible to apply for this programme.

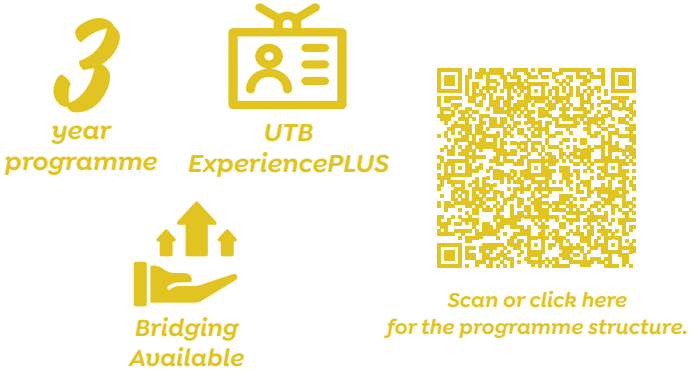
The degree programme consists of relevant IT and more specialised computing modules, together with some management modules. There is a final year project
In the last semester which emphasis on the practical application of the theories and principles developed in the modules.

Upon completion of this programme, successful graduates will be able to:

- Design, implement, and test a network system using the latest standard and technology.
- Apply skills to manage and monitor network performance, while able to predict and plan the future growth of computer networks.
- Develop skills to design and implement a highly trusted security policy.
- Plan, design and supervise IT projects independently.
- Undertake analysis and design tasks of IT using relevant methodology and standards.

Career Opportunities

Career opportunities exist in many computer network and security areas such as network management, network programming, network administration, network consultancy and security consultancy. The programme is also designed to provide a platform for graduates' career development, innovation and/or further study to postgraduate level.



Graduate Programmes
at School of Computing and Informatics

Programme Length

MSc by Research (Full Time)

2 years of supervised study inclusive of the writing-up period.

MSc by Research (Part Time)

4 years of supervised study inclusive of the writing-up period.

PhD (Full Time)

3 years of supervised study inclusive of the writing-up period.

PhD (Part Time)

6 years of supervised study inclusive of the writing-up period.

Research Areas

Research areas include (but are not limited to) the following:

- **Computing and Information Systems**
- **Programming**
- **Graphics and Visualization**
- **Algorithm**
- **Human Computer Interaction**
- **Data Mining**
- **Data Analytics**
- **Artificial Intelligence**
- **Natural Language Processing**
- **Multimedia**
- **Network and Security**
- **Electronic Commerce**
- **Electronic Learning**
- **Internet of Things**
- **Blockchain**
- **Services & Cloud Computing**

Master of Science (by Coursework) in Computing and Information Systems

Post graduates with Master of Science in Computing and Information Systems will be able to find a number of career openings including ICT Manager, Application Developer, Data Scientist, System Administrator, Web Developer, Research Officer, Project Manager, AI Specialist, MIS Manager, ICT Consultant, E-Commerce Manager, and so on.

Programme Length: 1 Year (Full Time)

Scan or click here for the programme structure.

Entry Requirements

Hold a second-class honours Bachelors degree, or equivalent, in a relevant discipline, recognized by the Senate. Applicants with other qualifications will be considered on a case-by-case basis, taking into account of any relevant work or other experience.

At least a credit or equivalent in English Language GCE O-level or an IELTS score of 6.0 or a TOEFL minimum overall score of 550 or its equivalent. The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language.

Where candidates completed their higher education more than 2 years prior to their current application they will need to show that they have continued to study or work in the medium of English.

For mature applicants, standard university requirements for mature candidates as prescribed by university regulations apply.

Entry Requirements

At least 2:2 Bachelor's degree, or equivalent, in a relevant discipline recognised by the Senate.

At least a credit in English Language GCE 'O' Level or an IELTS score of 6.0 or a TOEFL minimum overall score of 550 or its equivalent. The IELTS or TOEFL is to be taken within two years of the start date of the programme. The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than 2 years prior to their current application, they will need to provide the English Language GCE 'O' Level or IELTS or TOEFL results mentioned above.

Student who wish to be admitted as a mature candidate must satisfy the following minimum requirements:

- Applicants must have at least 3 years of relevant working experience for admission to Master's Degree programme;
- At least a credit 6 in English Language at GCE 'O' Level Examination or a Grade 'C in IGCSE English (as a Second Language) or a valid IELTS score of 6.0 or a TOEFL minimum overall score of 550;
- Satisfactory interview and/or entry test.
- Candidates with other qualifications will be considered on a case by case basis.

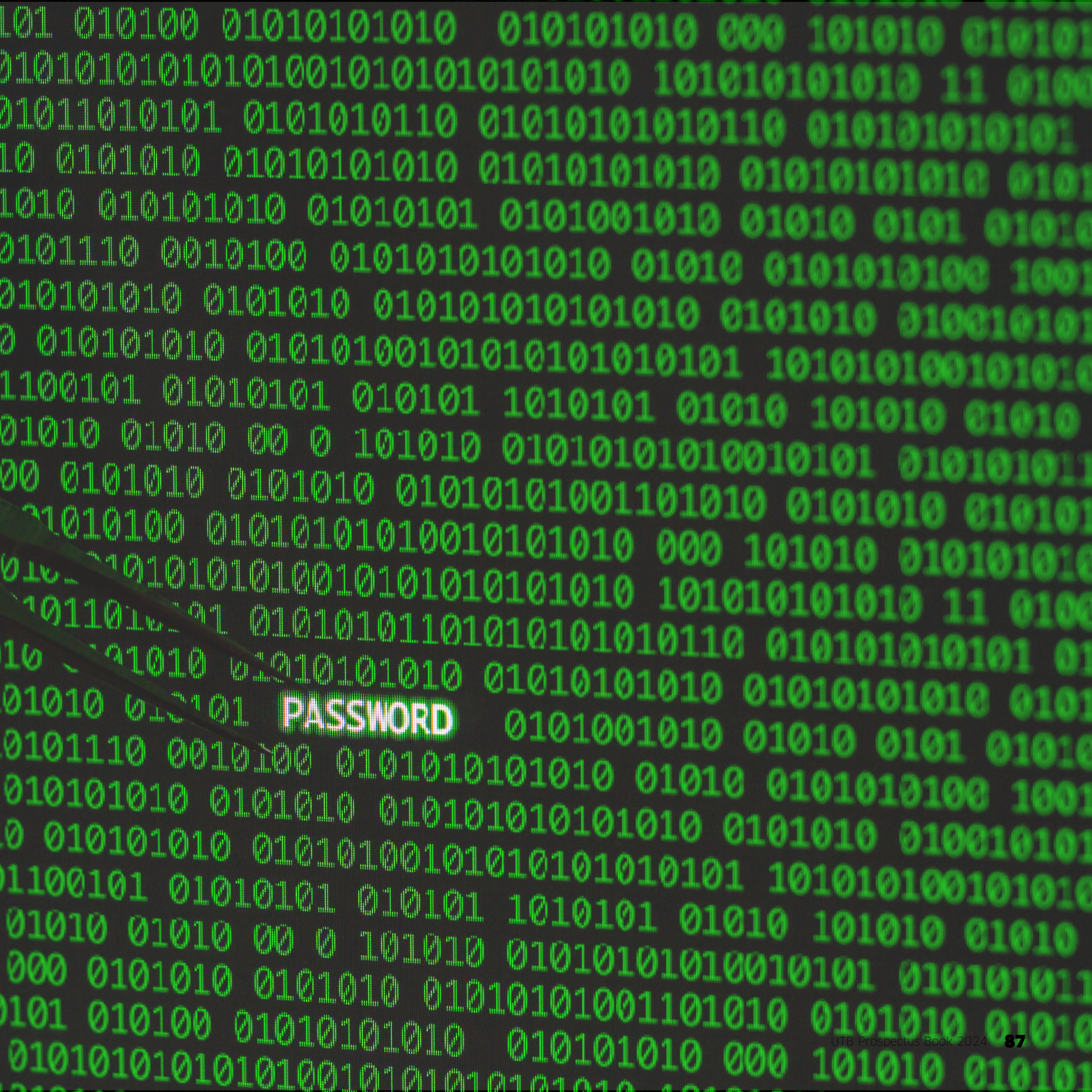
Master of Science (by Coursework) in Cyber Security

The threat of IT security attacks is increasingly apparent to either individuals or organisations across the world. From hacking to phishing, scamming to grooming, and botnets to cyber-terrorism, the variety and ingenuity of exploits appear to expand constantly.

MSc Cyber Security addresses key security issues faced by global communications and information systems. This course teaches the latest security principles, practises, tools and techniques. The programme covers management and protection of computer operating systems, networks, and data from cyber-attacks. It also provides skills on how to monitor systems and mitigate threats. As well as studying areas such as securing cyber infrastructure, secure application development, risk management, malware analysis and digital forensics. Furthermore, students are also exposed to the importance of understanding and managing the human factors in cybersecurity.

Programme Length: 1 Year (Full Time)
2 Years (Part Time)

Scan or click here for the programme structure.

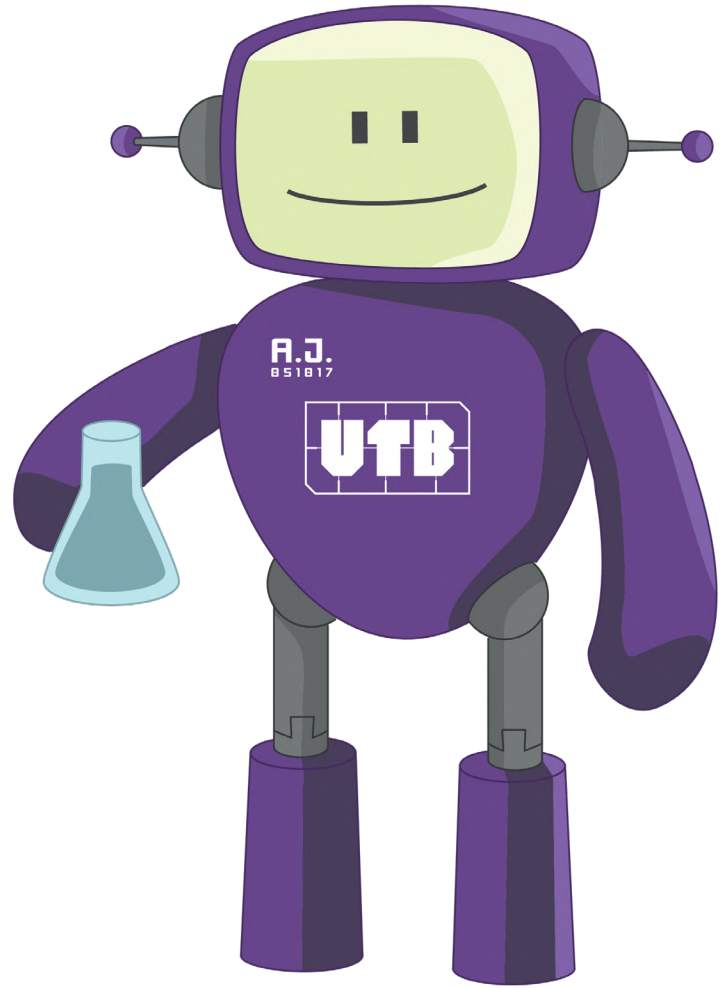

PASSWORD

School of Applied Sciences and Mathematics

The School of Applied Sciences and Mathematics provides innovative 3-year degree programmes in the fields of 'Applied Mathematics and Economics', 'Agrotechnology (Minor in Business)', 'Food Science and Human Nutrition', 'Food Science and Technology' and 'Mathematical Finance'. The curriculum of each programme aims to meet the educational and career needs of learners with benefits of technical competency, practical knowledge and applied skills. These are required by fast growing industries and research and development organisations. Our graduates also have a skill set that is important for the strategies and objectives set out in the Brunei Vision 2035 and global skill demands.

The school maintains close links with relevant public and private sectors in Brunei Darussalam for the exchange of ideas and transfer of technology. It has developed collaborations with some leading foreign universities for sharing expertise. The school also provides services to industries and develops innovative science and technological advances through high quality research outputs.

The programmes are structured to have required standard and quality to obtain accreditation from internationally recognised professional institutions. In addition to undergraduate degrees, the school also offers Masters and PhD degrees.



Programmes Offered

UTB-SP Bridging Programme

BriTE

Undergraduate Programmes

Agrotechnology Programme Area

Bachelor of Science (Honours) in Agrotechnology (Minor in Business)

Applied Mathematics and Economics Programme Area

Bachelor of Science (Honours) in Applied Mathematics and Economic
Bachelor of Science (Honours) in Mathematical Finance

Food Science and Technology Programme Area

Bachelor of Science (Honours) in Food Science and Technology
Bachelor of Science (Honours) in Food Science and Human Nutrition

Graduate Programmes

Master of Science (by Coursework) in Food Science and Technology (Full Time & Part Time)
Master of Science by Research (Full Time & Part Time)
Doctor of Philosophy (PhD) (Full Time & Part Time)

Agrotechnology

Agricultural production has concerns in food quality and safety and the environmental impact of production methods in the short, medium and long term. Agricultural industry faces challenges and is undergoing an unprecedented period of change. Smart scientific and technological solutions are required to overcome the challenges and adopt the change. They are vital for achieving sustainable and high yield agriculture production to meet the consumer demand of rapidly growing global population.

Our Agrotechnology with Minor in Business programme provides necessary theoretical and practical skill and knowledge in crop and animal production systems as well as in agribusiness and marketing. The underpinning scientific, technical and business principles and their applicability in recent developments are incorporated in the curriculum.

The students gain understanding of the impact of global, regional and local policy on the agricultural industry and economy. They are able to assess agriculture environment interactions and devise environmental management strategies to manage agriculture as a business.
The programme offers a combined curriculum of theoretical and hands-on practical experience through field work, laboratory experiment and research project. It is organised into six semesters, each of which corresponds to half a year (14 weeks) of full-time study.

The programme begins with modules that provide fundamental knowledge including key principles and progresses to provide advance knowledge and practical skills in the later years.

Bachelor of Science (Honours) in Agrotechnology

(Minor in Business)

During semester 6, students are placed in relevant industries for 6 month work placement. Each student does a final year project relevant to the industry where the student is attached for the placement.

Career Opportunities

Graduates have the applied and technical knowledge together with communications and business skills to fill various high demand positions in the agricultural industry. Some of the potential local job opportunities are: halal food processing and quality assurance; legal, business scientific and technical consultancy to the agriculture and agrifood sectors; teaching and research in areas related to business, agriculture and agri food; agricultural consultant; estates manager; farm manager; fish farm manager; plant breeder/ geneticist; agro- soil scientist; agro economist; farm worker; farm Assistant; farm supervisor.

Scan or click here for the programme structure.

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **CDD or 200 'A'Level points** in 3 'A' Levels including two relevant subjects (**Biology, Chemistry, Food Studies, Physics, Further Mathematics, Mathematics, Business and Economics**)

or

atleast **CC or 160 'A'Level points** in 2 'A' Levels including one relevant subject (**Biology, Chemistry, Food Studies, Physics, Further Mathematics, Mathematics, Business and Economics**).

International Baccalaureate:

24 points preferably with minimum of 5 points in two relevant subjects including Biology, Chemistry, Mathematics, Economics, Business and Management at standard level or 4 points at higher level.

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

Minimum CGPA of 1.6 out of 3, and Merit grade or higher in at least 60% of modules including Microbiology and one of (Chemistry, Food Chemistry, Biochemistry, or Business).

Work Experience or other qualifications: Relevant work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis by the School.

For mature applicants:

Standard university requirements for mature candidates as prescribed by university regulations apply.

In addition to the above entry requirements, a minimum of Credit Six in Mathematics at GCE 'O' Level or equivalent is required for admission to this programme.

Entry Requirements (either one of the following requirements):

'A' Level:
Atleast **DDD or 180 'A'Level points** in 3 'A' Levels including two relevant subjects (**Mathematics, Further Mathematics, Economics, Accounting, Business, Computer Science, Physics, Chemistry, Thinking Skills, Sociology, Information Technology**)
or
atleast **CC or 160 'A'Level points** in 2 'A' Levels including one relevant subject (**Mathematics, Further Mathematics, Economics, Accounting, Business, Computer Science, Physics, Chemistry, Thinking Skills, Sociology, Information Technology**).

International Baccalaureate:
24 points with a minimum of 5 points from relevant subjects at standard level or a minimum of 4 points at higher level with one relevant subject that includes Mathematics, Further Mathematics, Economics, Business and Management, Computer Science, Physics and Chemistry.

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:
Minimum CGPA of 1.6 out of 3, and Merit grade or higher in at least 60% of modules including Mathematics.

For mature applicants:
Relevant work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis by the School.

Work Experience or other qualifications:
Standard university requirements for mature candidates as prescribed by university regulations apply.

In addition to the above entry requirements, a minimum of Credit Six in Mathematics at GCE 'O' Level or equivalent is required for admission to this programme.

Applied Mathematics and Economics

This program integrates mathematics and economics to equip students with essential quantitative tools for modern economic analysis. It covers applications like optimization, operational research, and forecasting in economic and financial contexts. The curriculum emphasizes problem-solving skills for application in the financial and economic sectors. Graduates gain skills and knowledge applicable to solving a wide range of issues related to economic development and financial crises through mathematical modeling and hypothesis testing against real-time data.

The global financial sector's significance in the national economy is on the rise, marked by increasing complexity and variety in markets and products. This sector demands advanced technical skills for analyzing financial data and constructing mathematical models, making it more skill-intensive than other economic areas. Graduates acquire valued subject knowledge and transferable skills, sought after not only in the financial sector but also in fields requiring essential quantitative analysis and data-handling capabilities.

Bachelor of Science (Honours) in Applied Mathematics and Economics

During semester 6, students are placed in relevant industries for 6 month work placement. Each student does a final year project relevant to the industry where the student is attached for the placement.

Career Opportunities

Graduates from this programme can find employment in wide range of commercial sectors. They can be employed as system analysts, economic analysts or computer programmers. Graduates can be employed in government or private sectors such as treasury, banks, insurance companies or any other departments that require mathematics and economics skills. The degree also provides a platform for entrepreneurship and/or further study at postgraduate level. Applied mathematics skill and knowledge have high social value and can also be used in other applications, e.g. computer science, actuarial science, city planning, climate science, and so on.

Scan or click here for the programme structure.

Bachelor of Science (Honours) in Mathematical Finance

The first year of the programme focus on building students' knowledge of fundamental mathematical and economic tools. Examples include mathematics for economists, statistics and principles of economics. The latter years of the programme take these skills to an advanced level and introduce specialised finance and data analysis modules. In addition to theoretical background, students will have an opportunity to develop practical skills, including the use of software such as Microsoft Excel, EViews and MATLAB.

Career Opportunities

The graduates will be qualified to start careers as financial analysts, research associates, quantitative traders, actuaries etc. Further, the graduates will possess a competitive set of skill for jobs in other sectors where quantitative analysis and data-handling are vital.

Scan or click here for the programme structure.

Food Science and Technology

Food Science and Technology

The Food Science and Technology programme is designed to equip students with comprehensive knowledge and skills in the field, integrating both theoretical concepts and practical applications. Students gain insights into food science and technology, learning to apply scientific principles for the development of safe, nutritious, and convenient food products. The programme aims to produce graduates with the skills and attitudes necessary for success, whether working individually or collaboratively in the dynamic context of food product and process development within the modern food industry. The programme also emphasises the development of scientific and personal success skills, enhancing employability and entrepreneurship on both local and global scales.

Food Science and Human Nutrition

Complementing the Food Science and Technology programme, the Food Science and Human Nutrition programme integrates scientific understanding of food science with a focus on human nutrition. This programme focuses the application and communication of knowledge to address the evolving needs of society, industry, and consumers, with a particular emphasis on sustainability and ethical considerations in food quality and safety. Students develop skills in articulating nutritional information based on health status, exploring the intricate connections between diet, health, and disease.

Both programmes aim to produce well-rounded graduates who are not only experts in their respective fields but also capable of making positive contributions to the food industry, healthcare, and related sectors. The multidisciplinary approach prepares students for diverse career paths, including roles in research, product development, quality assurance, and public health.

Scan or click here for the Food Science and Technology programme structure.

Scan or click here for the Food Science and Human Nutrition programme structure.

Bachelor of Science (Honours) in Food Science and Technology

The program spans three years, with the first year focusing on fundamental science relevant to food science and technology, covering areas such as food preservation, sensory science, food safety, and quality. The second year builds on this foundation by offering modules that integrate practical applications, including creative food development, process engineering, Halal food concepts, system thinking for sustainable food management, and food safety management. In the third year, emphasis shifts to entrepreneurship and understanding the commercial complexities of the food industry. Students engage in a six-month work placement and undertake an individual research project to bridge the gap between academic theory and real-world experience.

Career Opportunities

Students can complete an interesting and exciting scientific and technological curriculum that prepare them well for various job opportunities available in the food industry: e.g. product development, quality assurance, food plant and food industry management, food research, food marketing and sales, education and extension. The students are also prepared for graduate studies in human nutrition, biosecurity, medicine, biological sciences, biotechnology, and so on.

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **CDD or 200 'A' Level points** in 3 'A' Levels including two relevant subjects (**Biology, Chemistry, Food Studies, Physics, Further Mathematics and Mathematics**).

or

atleast **CC or 160 'A' Level points** in 2 'A' Levels including one relevant subject (**Biology, Chemistry, Food Studies, Physics, Mathematics and Further Mathematics**).

International Baccalaureate:

24 points preferably with minimum of 5 points in Biology and Chemistry at standard level or 4 points at higher level.

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

Minimum CGPA of 1.6 out of 3, and Merit grade or higher in at least 60% of modules including Microbiology and one of (Chemistry, Food Chemistry, or Biochemistry).

Work Experience or other qualifications:

Relevant work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis by the School.

For mature applicants:

Standard university requirements for mature candidates as prescribed by university regulations apply.

In addition to the above entry requirements, a minimum of Credit Six in Mathematics at GCE 'O' Level or equivalent is required for admission to this programme.


BioCote

Bachelor of Science (Honours) in Food Science and Human Nutrition

The three-year program begins with students acquiring foundational knowledge in fundamental science related to food science and technology, using it to explore theories in food preservation, sensory science, and food safety. In the second year, they deepen their understanding of food science, gaining hands-on experience in developing innovative food products while also exploring the relationship between nutrition and overall health. The final year broadens the focus to include critical aspects of healthcare and nutrition, covering topics like nutritional guidance, needs at different life stages, sports nutrition, and nutritional policy. A six-month work placement and a real-world research project in the third year help bridge the gap between academic theory and practical work experience.

Career Opportunities
Students can pursue careers as nutritionists in food or clinically related health fields. Students who complete the Master of Dietetics degree can also work as registered dietitians. Students can also participate in a variety of job opportunities in the food industry, such as product development, quality assurance, food plant management, food research, food marketing and sales, education and extension.

Entry Requirements (either one of the following requirements):

'A' Level:
Atleast **CDD or 200 'A' Level points** in 3 'A' Levels including **Biology** and two relevant subjects (**Chemistry, Food Studies, Physics, Mathematics and Further Mathematics**).
or
atleast **CC or 160 'A' Level points** in 2 'A' Levels that includes **Biology** and any relevant subject (**Chemistry, Food Studies, Physics, Mathematics and Further Mathematics**).

International Baccalaureate:
24 points preferably with minimum of 5 points in Biology and Chemistry at standard level or 4 points at higher level.

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:
Minimum CGPA of 1.6 out of 3, and Merit grade or higher in at least 60% of modules including Microbiology and one of (Chemistry, Food Chemistry, or Biochemistry).

For mature applicants:
Relevant work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis by the School.

Work Experience or other qualifications:
Standard university requirements for mature candidates as prescribed by university regulations apply.

In addition to the above entry requirements, a minimum of Credit Six in Mathematics at GCE 'O' Level or equivalent is required for admission to this programme.

Graduate Programmes
at School of Applied Sciences and Mathematics

Programme Length

MSc by Research (Full Time)

2 years of supervised study inclusive of the writing-up period.

MSc by Research (Part Time)

4 years of supervised study inclusive of the writing-up period.

PhD (Full Time)

3 years of supervised study inclusive of the writing-up period.

PhD (Part Time)

6 years of supervised study inclusive of the writing-up period.

Research Areas

Research areas include (but are not limited to) the following:

- **Applied Mathematics and Economics**
- **Agrotechnology (Minor in Business)**
- **Food Science and Technology**
- **Mathematical Finance**

Master of Science (by Coursework) in Food Science and Technology

The programme provides in-depth knowledge on the food nutrition science, food preservation techniques, food chemistry, food safety and quality which is required for continuous advancement in global food industry. The students will delve in various food processing technologies in different food industry areas. Students are also required to plan and design their research projects with the guidance of a school supervisor, prepare the dissertations and present their scientific findings.

Programme Length: 2 Year (Full Time)

Scan or click here for the programme structure.

Entry Requirements

A minimum of a Lower Second Class Honours Bachelor's degree, or equivalent, in Food Science and Technology or related discipline, as recognised by the Senate of UTB.

At least a credit or equivalent in English Language GCE O-level or an IELTS score of 6.0 or a TOEFL minimum overall score of 550 or its equivalent. The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than 2 years prior to their current application they will need to show that they have continued to study or work in the medium of English.

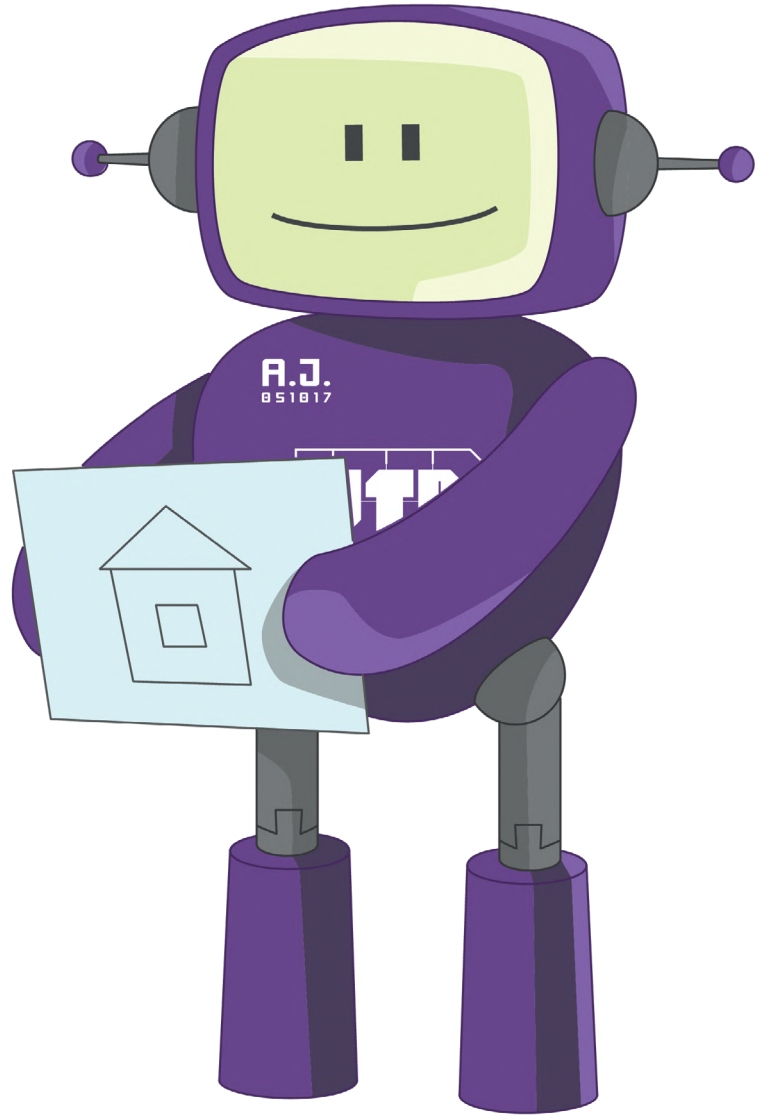
Mature candidates who do not meet the above minimum requirements but have significant relevant work experience are encouraged to apply.

Admissions criteria for mature candidates are in place and such applications shall be considered on a case by case basis.

School of Design

UTB School of Design was introduced in 2018 offering two courses BSc (Honours) in Architecture and BSc (Honours) in Product Design, and a new addition of the BSc (Honours) in Fashion Design and Technology in 2021. The school offers engineering based and creative art-based modules through practical and theoretical approach.

Teaching force consists of local and expatriate academics as well as experienced lecturers from industries. The new School of Design complex currently houses over 100 students which also showcases the students work in the Gallery room located in the front section of the building.



Programmes Offered

UTB-SP Bridging Programme

BriTE

Undergraduate Programmes

Product Design Programme Area

Bachelor of Science (Honours) in Product Design

Fashion Design and Technology Programme Area

Bachelor of Science (Honours) in Fashion Design and Technology

Architecture Programme Area

Bachelor of Science (Honours) in Architecture

Graduate Programmes

Master of Architecture (Full Time)

Master of Science by Research (Full Time & Part Time)

Doctor of Philosophy (PhD) (Full Time & Part Time)

Product Design

The Product Design program started in 2018 as a 4-year program, and in the coming intake August 2022 we will begin a 3-year program. The difference is that instead of a full one semester ExperiencePlus program in the 3rd year, students will do the ExperiencePlus program in the 3rd year part-time, while finishing the remaining study. Just like the Architecture program, in Product Design program students also learn through lectures, tutorials, studio-based courses and project-based courses.

The studio-based courses are what distinguishes Design from Engineering. You might have heard about Product Design from Engineering schools, but when you're trained as a designer the emphasis is in creativity, conceptual, and considering the relationship between people and products more than the relationship between the components within the product.

At the end of the programme, students are expected to be able to:

- Apply relevant engineering and technology competencies in solving product design problems.
- Determine the application of production costing, social legislative and/or environmental sustainability factors in relation to product design activities.
- Interpret business and socio-cultural concepts, principles, standards, and norms as applied to product design processes.
- Solve design problems through research that addresses human needs and project requirements.
- Consolidate design thinking processes and methodologies in creating solutions for product design problems.
- Integrate communication and technological tools/ media in product design processes.
- Construct digital and/or physical artefacts for product design solutions with adequate confidence and proficiency.
- Justify the importance of Intellectual Property Rights, Ethics & Professionalism, and Industry Standards in the Industrial Design discipline.
- Demonstrate communication skills, the ability to work independently and collaboratively through self-initiated and/or life-long learning activities in various contexts of organisation, culture and values.

Bachelor of Science (Honours) in Product Design

Career Opportunities

- Product Designer - researcher and developer
- Project Manager - managing a development project on behalf of a client
- Specialist in the field of Computer Aided Design and Drafting (CADD)
- Research Officer (with universities, research institutions, NGO's or private firms)
- Graphic Illustrator
- Academic
- Product Design writer for journals
- Developer
- Manufacturer
- Entrepreneur
- Contractor and others.

3 year programme

UTB ExperiencePLUS

Bridging Available

Scan or click here for the programme structure.

Entry Requirements (either one of the following requirements):
'A' Level:
Atleast **CDD or 200 'A'Level points** in 3 'A' Levels passes with minimum of grade C including **Mathematics, Physics, Design & Technology, Computer Science/ Study, Art or Art & Design.**
or
atleast **BC or 180 'A'Level points** in 2 'A' Levels passes with minimum of grade C including **Mathematics, Physics, Design & Technology, Computer Science/ Study, Art or Art & Design.**

International Baccalaureate:
A minimum of 24 points preferably in Mathematics, Physics, Design & Technology, Computer Science/ Study or Art & Design at standard level.

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:
In Architecture, Interior Design, Mechanical Engineering, and Electrical & Electronics Engineering.

Work Experience or other qualifications:
Standard university requirements for mature candidates as prescribed by university regulations apply.

In addition to the above entry requirements, a minimum of Credit Six in Mathematics at GCE 'O' Level or equivalent is required for admission to this programme.

and

A portfolio containing at least 10 pieces of original work that demonstrate applicant's creative development and/ or process. The portfolio should include drawings, sketches, idea developments and demonstrate relevant 2D work (e.g. posters, editorial, photography, graphic design artwork, paintings, printmaking, digital imaging, web design, etc) and 3D work (e.g. 3D design, 3D paper structures, packaging design, etc).

and

A pass in the interview.

Fashion Design and Technology

The general aim is to train students to be competent professionals for the fashion industry which includes textiles, apparel, retailing, design and related organisations. The programme enables students to play an active role for the development of fashion and textiles industry locally and internationally.
The programme also aim to cultivate essential competencies for today's society such as teamwork, leadership, entrepreneurship and life-long learning.
The students will possess critical thinking, creativity and problem solving.

At the end of the programme, students are expected to be able to:

- Apply research methods, communication methods and techniques in the development of their discipline and specialisms
- Apply creative and logical thinking processes using design methodologies to create design solutions.
- Understand cultural, historical and socioeconomic contexts as well as awareness of fashion and technology concepts.
- Demonstrate and apply presentation and communication skills including illustration techniques, working drawings and graphic skills and presentation relevant to a Fashion Design portfolio.
- Demonstrate effective professionalism skills, teamwork and self-management and effective use of technology including IT.
- Apply ethical and professional conduct in design practices.
- Demonstrate the awareness of financial, economic, social legislative and environmental factors and their impact towards design.

Bachelor of Science (Honours) in Fashion Design and Technology

Career Opportunities

Possible careers for graduates completing this programme are such as and not limited to:

- Fashion designer
- Fashion print designer
- Knitwear designer
- Textile designer (interiors, automotive, fashion etc)
- Material developer/ R&D
- Accessories design
- Pattern cutter
- Garment Technologist
- Stylist

3 year programme

UTB ExperiencePlus

Bridging Available

Scan or click here for the programme structure.

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **CDD or 200 'A'Level points** in 3 'A' Levels including **Art, Design & Technology, Computer Science/ study or Art & Design.**

or

atleast **BC or 180 'A'Level points** in 2 'A' Levels including **Art, Computer Science or Art & Design.**

International Baccalaureate:

A minimum of 24 points preferably in Design Technology and/or Visual Art at standard level.

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent in relevant subjects.

Work Experience or other qualifications:

Relevant work experience and qualifications deemed to be equivalent to one of the above to be decided on a case by case basis by the School.

In addition to the above entry requirements, a minimum of Credit Six in Mathematics at GCE 'O' Level or equivalent is required for admission to this programme.

and

A portfolio containing at least 10 pieces of original work that demonstrate applicant's creative development and/ or process. The portfolio should include drawings, sketches, idea developments and demonstrate relevant 2D work (e.g. posters, editorial, photography, graphic design artwork, paintings, printmaking, digital imaging, web design, etc) and 3D work (e.g. 3D design, 3D paper structures, packaging design, etc).

and

A pass in the interview.

Architecture

Architecture is one the most enjoyable and rewarding profession. In designing new spaces and buildings around our everyday lives and needs. Architects are often challenged intellectually, artistically and creatively. Architect can make major contribution to society by shaping our environment and surrounding, leaving lasting impact and legacy. This programme seeks to equip the students with the knowledge and expertise to create architectural designs that balance the human needs and preserving the integrity of the environment, satisfying the aesthetic, technical and cultural demands.

The programme is designed to train students after a successful completion Diploma in Architecture or GCE 'A' Level or Equivalent. Students embark into a program that introduce them to core areas of architecture and inculcate a sense of responsibility and commitment to the natural and built environment. This is done through the understanding of Sustainable approach, where environmental values & green are integrated into the courses. B.Sc. (Hons) in Architecture provides the design and technical skills requirements of the overall architectural education leading to Part I and a basic entry requirement to the Master of Architecture [Part II] for the professional degree programme.

At the end of the programme, students are expected to be able to:

- Describe fundamental concepts and theories for architectural and construction techniques
- Describe the criteria of the histories and theories of architecture and the related arts, technologies and human sciences
- Demonstrate ability to create architectural designs that satisfy both aesthetic and technical requirements
- Apply theories of Urban Design and planning.
- Integrate the needs and aspirations of building users in architectural design with the precepts of sustainable design.
- Appreciate the role of the profession of architecture and its impact on legal, social, ethical and professional issues.
- Demonstrate ability to produce designs that meet
- building users' requirements, cost factors, and building regulations.
- Apply knowledge of the industries, organisations,
- regulations and procedures to translate design concepts into buildings and to integrate plans into overall planning
- Demonstrate ability to produce designs that meet health and safety requirements.
- Develop an informed appreciation of cultural and contextual studies.
- Apply a range of communication methods and media to present design proposals clearly and effectively.

Bachelor of Science (Honours) in Architecture

Career Opportunities

Job prospects for the Bachelor of Science in Architecture graduates include:

- Government or Public Assistant Architect with the Public Works Department and Statutory Bodies
- Assistant Architect to Professional Architect as an employee in a beg architectural organisation
- Project Manager - managing a development project on behalf of a client
- Specialist in the field of Computer Aided Design and Drafting (CADD)
- Research Officer (with universities, research institutions, NGO's or private firms)
- Academic
- Architectural writer for journals
- Developer, Manufacturer, Entrepreneur, Contractor, etc.

3 year programme

UTB ExperiencePlus

Bridging Available

Scan or click here for the programme structure.

Entry Requirements (either one of the following requirements):

'A' Level:

Atleast **CCC or 240 'A'Level points** in 3 'A' Levels including **Mathematics, Physics, Design & Technology, Computer Science/ Study, Art or Art & Design.**

International Baccalaureate:

A minimum of 24 points preferably in Mathematics, Physics, Design & Technology, Computer Science/ Study, Art or Art & Design at standard level.

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:

At least 60% or higher of the modules with Merits in Architecture, or its equivalent (including Interior Design, Civil Engineering and Mechanical Engineering.

Work Experience or other qualifications:

Relevant work experience and qualifications deemed to be equivalent to one of the above to be decided on a case by case basis by the School.

In addition to the above entry requirements, a minimum of Credit Six in Mathematics at GCE 'O' Level or equivalent is required for admission to this programme.

and

A portfolio containing at least 10 pieces of original work that demonstrate applicant's creative development and/ or process. The portfolio should include drawings, sketches, idea developments and demonstrate relevant 2D work (e.g. posters, editorial, photography, graphic design artwork, paintings, printmaking, digital imaging, web design, etc) and 3D work (e.g. 3D design, 3D paper structures, packaging design, etc).

and

A pass in the interview.

Graduate Programmes
at School of Design

Programme Length

MSc by Research (Full Time)

2 years of supervised study inclusive of the writing-up period.

MSc by Research (Part Time)

4 years of supervised study inclusive of the writing-up period.

PhD (Full Time)

3 years of supervised study inclusive of the writing-up period.

PhD (Part Time)

6 years of supervised study inclusive of the writing-up period.

Research Areas

Research areas include (but are not limited to) the following:

Architecture

- **Adaptable Design**
- **Industrialized Building System**
- **Sustainable Architecture**

Product Design

- **Design of Agri-food Devices**
- **Mechanical Engineering Design**
- **Additive Manufacturing**

Master of Architecture

Upon successful completion of this programme, graduates are expected to be able to:

- Formulate an integrated pedagogical methodology for studio design projects, showcasing social value through evidence-based and reflective feedback.
- Justify current and emerging trends in business skills, ethics, and professional conduct in construction project management within the building industry.
- Integrate knowledge of environmental building physics, structural principles, construction techniques, and resources to promote Zero Energy Building and enhance overall wellbeing.
- Develop a conceptual climate action approach for sustainable cities, considering aesthetic aspects and technical requirements.
- Prepare a brief that complies with Brunei legislation and statutory building standards, prioritizing health and life safety for enhanced wellbeing.
- Assess climatological-based and sustainable city design programs by aligning client, community, and end-user needs with the site and urban context.
- Produce an environmental design research proposal demonstrating understanding of social and spatial issues in urbanism to test new hypotheses or theories in environmental building physics.
- Simulate designs using the latest 3D CAD and BIM software for representing research data, building energy performance analysis, and innovative design solutions.

Programme Length: 2 Year (Full Time)

Entry Requirements

A Bachelor of Science in Architecture with at least a second-class honours, or its equivalent.
or
Relevant work experience and qualifications deemed to be equivalent to the above to be decided on a case by case basis by the School.

AND

A portfolio containing at least 10 pieces of original work that demonstrate applicant's creative development and/ or process. The portfolio should include drawings, sketches, idea developments and demonstrate relevant 2D work (e.g. posters, editorial, photography, graphic design artwork, paintings, printmaking, digital imaging, web design, etc) and 3D work (e.g. 3D design, 3D paper structures, packaging design, etc).

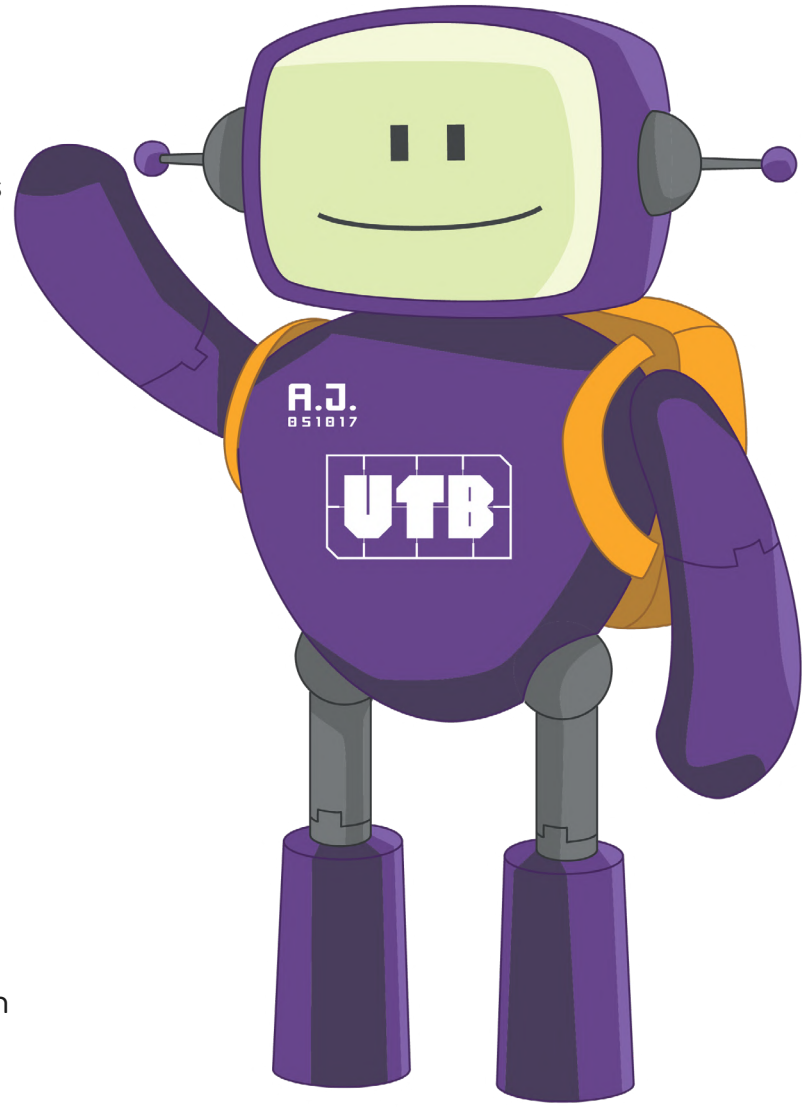
AND

A pass in interview.

Centre for Communication, Teaching and Learning

The Centre for Communication, Teaching and Learning (CCTL) is an independent centre in UTB that focuses on development of Communication Skills. In line with UTB's aspiration to be a global university impacting society, CCTL has repositioned itself as a centre offering higher-order programmes in Communication Skills. The Centre consists of three respective areas:

- Communication
- Melayu Islam Beraja
- Teaching and Learning



The Communication area offers communication modules to undergraduates and postgraduates in the university. The BSc and MSc in Communication Programmes aim to develop knowledge and understanding of communication skills according to various communication perspectives. Potential career opportunities are available in various organisations and industries such as editors, journalism, marketing, and human resource. Jobs are not restricted to government organisations but to private sectors as well. Many organisations rely on communication skills to run their daily operations.

Programmes Offered

Undergraduate Programmes

Bachelor of Science (Honours) in Communication

Graduate Programmes

Masters of Science in Communication (Full Time & Part Time)

Master of Science by Research (Full Time & Part Time)

Doctor of Philosophy (PhD) (Full Time & Part Time)

Entry Requirements (either one of the following requirements):

'A' Level:
Atleast **CDD or 200 'A'Level points** in 3 'A' Levels in relevant English medium subjects*.
or
atleast **BC or 180 'A'Level points** in 2 'A' Levels n relevant English medium subjects*.

Relevant subjects include **English Literature, Sociology, Psychology, Public Affairs, History, Art and Design, Accounting, Economics, Management/Business Studies, Mathematics, Computing, Additional Mathematics, Biology, Chemistry, Physics, Geography, Travel and Tourism, and Law.*

International Baccalaureate:
24 points in relevant subjects.

Relevant BDQF L5 Diploma or BTEC/BDTVEC Higher National Diploma or Advanced Diploma or its equivalent:
Business or ICT fields with acceptable grades as specified by the school.

Work Experience or other qualifications: Relevant work experience and/or qualifications deemed to be equivalent to one of the above to be decided on a case-by-case basis by the School.

For mature applicants:
Standard university requirements for mature candidates as prescribed by university regulations apply.

In the absence of Credit Six in Mathematics at GCE Ordinary Level, CCTL recognises subjects which may include but not limited to Commerce, Principles of Accounting, Physics, Chemistry, Computer Science, Economics, Additional Mathematics and any relevant subjects at the discretion of the Centre.

Bachelor of Science (Honours) in Communication

This BSc in Communication programme aims to develop communication skills according to various contexts and promote students' knowledge and understanding of the various communication perspectives. Specifically, the programme will enable students to gain fundamental communication research skills that provide opportunities for the development of communication skills in general, and the application of communication theories, tools and practices for effective communication in contemporary and diverse organisations. Emphasis will be on developing effective communication methods and writing strategies for various mediums, as well as critical analysis and response mechanism on issues from different stakeholders.

Programme Length: 3 Years

3 year programme

UTB ExperiencePlus

Scan or click here for the programme structure.

Teaching And Learning

The Centre for Communication, Teaching and Learning is also offering consultancy and training programmes for UTB staff and students, and interested external stakeholders. Courses can be customised and tailored to suit the needs and demands of industries and organisations.

Some of the training programmes CCTL is currently involved in are as follows:

Student Development Programme (SDP)

SDP offers a series of skills specific workshops designed to enable students to develop their communication skills. Each workshop focuses on a specific skill area and helps the students to enhance their confidence and competence. Workshops are conducted based on the needs of schools and faculty.

Faculty Development Programmes (FDP)

CCTL conducts seminars and workshops on innovative pedagogy focusing on assessment, curriculum, reflective teaching and quality assurance. The primary aim of this initiative is to assist academic staff to become more competent as facilitators of learning within the context of higher education and to promote internal quality assurance at UTB. Thus, the general objectives are:

- To increase understanding of teaching and learning processes;
- To improve competence in teaching and assessment methods;
- To foster reflective teaching practice and professionalism; and,
- To encourage the development of a scholarly and research-based approach to teaching and learning.

Administrative Staff Development Programme (ASDP)

The ASDP offered workshops to all non-academic staff (administrative and support staff) of the university. The primary aims of this initiative are:

- To foster effective organisational and communication skills;
- To improve and practice effective team work;
- To enhance administrative staff development skills in UTB office environment.

Graduate Programmes
at Centre for Communication, Teaching and Learning

Programme Length

MSc by Research (Full Time)

2 years of supervised study inclusive of the writing-up period.

MSc by Research (Part Time)

4 years of supervised study inclusive of the writing-up period.

PhD (Full Time)

3 years of supervised study inclusive of the writing-up period.

PhD (Part Time)

6 years of supervised study inclusive of the writing-up period.

Research Areas

Research areas include (but are not limited to) the following:

Communication

- **Communicative Competence**
- **Cross-cultural Studies**
- **Corporate Communication**
- **Public Relation**
- **Strategic Communication**
- **Sociolinguistic**
- **Genre Analysis**
- **Corpus Analysis**

Teaching and Learning

- **Instructional communication**
- **Outcome based education**
- **Competency based education**
- **Innovative curriculum development and design**
- **Professional Development in Higher education**
- **STEM Education**
- **Literacy**
- **Transformative Learning**
- **Narrative-based research**
- **Feedback in Higher Education**
- **Teaching Pedagogies in Higher Education**
- **Assessment in Higher Education**

Malay Islamic Monarchy / Melayu Islam Beraja (MIB)

- **Islamic Leadership**
- **Cultural Studies**
- **Brunei National Philosophy**
- **MIB Values**

Master of Science (Msc) in Communication

This programme aims to provide in-depth communication skills and knowledge across related multidisciplinary areas. Emphasis will be on development of effective and pragmatic professional and technical communication in professional institutions and business organisations. The programme will focus on higher level skills in interpreting and analysing communication and interaction in professional situations to allow progress and development in careers that suit Brunei and global contexts and perspectives. The modules incorporate various analytical methods, creative and critical thinking skills, problem-solving, research skills, communication development techniques, and writing strategies for branding purposes.

Programme Length: 1 Year (Full-Time)
2 Years (Part-Time)

Scan or click here
for the programme structure.

Entry Requirements

A minimum of a Lower Second Class Honours Bachelor's degree, or equivalent, recognised by the Senate of UTB.

At least a credit or equivalent in English Language GCE O-level or a valid IELTS score of 6.0 or a valid TOEFL minimum overall score of 550 or its equivalent. The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than 2 years prior to their current application they will need to show that they have continued to study or work in the medium of English.

UTB-Satellite Partners Bridging Programme

UTB-SP bridging programme is a 14-week programme open to applicants who meet the university's minimum general entry requirement but fall short of points for admission to specific undergraduate programmes. The programme also offers lifelong learners who have been out of study for a period of time, the opportunity to upgrade their fundamental knowledge and skills required to further their study in specified programme.

UTB-SP bridging programmes are offered for undergraduate programme applications under the following Faculty/School:

- **BriTE** for Faculty of Engineering, School of Applied Sciences and Mathematics, and School of Design programmes.
- **BriCOMP** for School of Computing and Informatics programmes.
- **BriBUS** for UTB School of Business programmes.

General Entry Requirements:

1. At least a Credit Six in the Malay language at GCE Ordinary Level (applicable only for Bruneians applying for a Government Scholarship).

2. At least a Credit Six in Mathematics at GCE Ordinary Level or its equivalent.

3. At least a Credit Six in English Language at GCE Ordinary Level or an IELTS score of 6.0 or a TOEFL minimum overall score 550 or its equivalent.

KOLEJ IGS BRUNEI DARUSSALAM

KEMUDA Institute

MICRONET International College

BriTE

Students who have successfully completed the BriTE programme will be eligible for admission into one of the following first year undergraduate programmes at UTB:

- BEng (Hons) in Chemical Engineering
- BEng (Hons) in Civil Engineering
- BEng (Hons) in Electrical and Electronic Engineering
- BEng (Hons) in Mechanical Engineering
- BEng (Hons) in Mechatronics Engineering
- BEng (Hons) in Energy Engineering
- BSc (Hons) in Fashion Design and Technology
- BSc (Hons) in Product Design
- BSc (Hons) in Food Science and Technology
- BSc (Hons) in Food Science and Human Nutrition
- BSc (Hons) in Agrotechnology (Minor in Business)
- BSc (Hons) in Mathematical Finance

Satellite Partner

Kemuda Institute

How to Apply?

Application to the BriTE Programme is made through the respective Satellite Partner and HECAS portal. Computers are available at the UTB Staff and Students Centre (SSC) for those who need to apply online. Email for enquiry: admission@utb.edu.bn

Structure of Programme

SEM	CODE	MODULE TITLE
March to July 14 weeks	FE01	Mathematics
	FE02	Physics
	FE03	Chemistry
	FE04	Introduction to Programming
	FE05	Biology

Eligibility for Admission into Faculty of Engineering, School of Applied Science and Mathematics, and School of Design Undergraduate Programmes

Four core modules are offered: Mathematics, Physics, Chemistry and Biology. Students who do not meet the minimum requirements for admission points, or grades in certain subjects will have to enrol in a minimum of one core module and a maximum of three modules. In addition to these core modules, students are required to take one compulsory module which is Introduction to Programming.

Students who obtain at least 60% marks per enrolled core module will be eligible for admission to the first year of the Faculty of Engineering, School of Applied Science and Mathematics and School of Design undergraduate programmes of their choice.

Entry Requirements

BEng (Hons) programmes in Civil, Mechanical, Chemical, or Energy Engineering:

'A' Level:

Atleast **CDD or 200 'A' Level points** for 3 'A' Level passes including: **Mathematics** and **two relevant subjects** specified in the published entry requirements for the applicable BEng programme.

International Baccalaureate:

Minimum 24 points with passes in subjects including Mathematics and two relevant science subjects specified in the published entry requirements for the applicable BEng programme.

BEng (Hons) programme in Electrical and Electronic, or Mechatronics Engineering:

'A' Level:

Atleast DDD or 180 'A' Level points for 3 'A' Level passes including: **Mathematics or Further Mathematics, Physics and another relevant subject** specified in the published entry requirements for the applicable BEng programme.

or

atleast **CC or 160 'A' Level points** for 2 'A' Level passes, with minimum C grades in both **Mathematics or Further Mathematics and Physics.**

International Baccalaureate:

24 points with passes in subjects including Mathematics, Physics and another relevant science subject specified in the published entry requirements for the applicable BEng programme.

BSc (Hons) in Food Science and Technology, Food Science and Human Nutrition:

'A' Level:

Atleast **DDD or 180 'A' Level points** for 3 'A' Level passes including two relevant subjects (**Biology, Chemistry, Food Studies, Physics, and Mathematics**)

or

atleast **CD or 140 'A' Level points** for 2 'A' Level passes in two relevant subjects (**Biology, Chemistry, Food Studies, Physics, and Mathematics**).

BSc (Hons) in Agrotechnology (Minor in Business):

'A' Level:

Atleast **DDD or 180 'A' Level points** for 3 'A' Level passes including two relevant subjects (**Biology, Chemistry, Food Studies, Physics, Further Mathematics, Mathematics, Business and Economics**)

or

atleast **CD or 140 'A' Level points** for 2 'A' Level passes in two relevant subjects (**Biology, Chemistry, Food Studies, Physics, Further Mathematics, Mathematics Business and Economics**).

BSc (Hons) in Applied Mathematics and Economics :

'A' Level:

Atleast **DDE or 160 'A' Level points** for 3 'A' Level passes with one relevant subject that include **Mathematics, Further Mathematics, Economics, Accounting, Business, Computer Science, Physics, Chemistry, Thinking Skills, Sociology, Information Technology**

or

atleast **CD or 140 'A' Level points** for 2 'A' Level passes with one relevant subject that includes **Mathematics, Further Mathematics, Economics, Accounting, Business, Computer Science, Physics, Chemistry, Thinking Skills, Sociology, Information Technology.**

BSc (Hons) in Mathematical Finance :

'A' Level:

Atleast **DDE or 160 'A' Level points** for 3 'A' Level passes with one relevant subject that include **Mathematics, Further Mathematics, Economics, Accounting, Business, Computer Science, Physics, Chemistry, Thinking Skills, Sociology, Information Technology.**

or

atleast **CD or 140 'A' Level points** for 2 'A' Level passes with one relevant subject that includes **Mathematics, Further Mathematics, Economics, Accounting, Business, Computer Science, Physics, Chemistry, Thinking Skills, Sociology, Information Technology.**

BSc (Hons) in Fashion Design and Technology:

'A' Level:

Atleast **DDD or 180 'A' Level points** for 3 'A' Level passes in relevant subjects including **Art, Design & Technology, Computer Science or Art & Design.**

or

atleast **CD or 140 'A' Level points** for 2 'A' Level passes in relevant subjects including **Art, Computer Science or Art & Design.**

International Baccalaureate:

Minimum 24 points from relevant subjects at standard level, including Design Technology and/or Visual Art.

In addition to the above entry requirements:

A portfolio containing at least 10 pieces of original work that demonstrate applicant's creative development and/ or process. The portfolio should include drawings, sketches, idea developments and demonstrate relevant 2D work (e.g. posters, editorial, photography, graphic design artwork, paintings, printmaking, digital imaging, web design, etc) and 3D work (e.g. 3D design, 3D paper structures, packaging design, etc).

and

A pass in interview.

BSc (Hons) in Product Design:

'A' Level:

Atleast **DDD or 180 'A' Level points** for 3 'A' Level passes in subjects including **Mathematics, Physics, Design & Technology, Computer Science or Art & Design.**

or

atleast **CD or 140 'A' Level points** for 2 'A' Level passes in subjects including **Mathematics, Physics, Design & Technology, Computer Science or Art & Design.**

International Baccalaureate:

Minimum 24 points from relevant subjects at standard level, including Mathematics/ Physics, Design & Technology, Computer Science/ study or Art & Design.

In addition to the above entry requirements:

A portfolio containing at least 10 pieces of original work that demonstrate applicant's creative development and/ or process. The portfolio should include drawings, sketches, idea developments and demonstrate relevant 2D work (e.g. posters, editorial, photography, graphic design artwork, paintings, printmaking, digital imaging, web design, etc) and 3D work (e.g. 3D design, 3D paper structures, packaging design, etc).

and

A pass in interview.


SITE ANALYSIS HABITAT DESIGN
THE CLIFF HOUSE
BAMBOO
BY: ASHIKIN JUNAIDI
01
JKIGAI
S W O T
SITE CONTOUR
CONCEPT DEVELOPMENT
THE CLIFF HOUSE
03

BriCOMP

Students who have successfully completed the BriCOMP programme will be eligible for admission into one of the following first year School of Computing and Informatics undergraduate programmes at UTB:

- BSc (Hons) in Digital Media
  - Major in Digital Content Design
  - Major in Game Development
- BSc (Hons) in Computing
  - Major in Data Analytics
  - Major in Software Development
- BSc (Hons) in Information Security
- BSc (Hons) in Computer Networking

Satellite Partner

Micronet International College

How to Apply?

Application for UTB-SCI BriCOMP Programme is made through the respective Satellite Partner and HECAS portal. Where this option is not easily accessible for the applicant, computers are available at the UTB Staff and Students Centre (SSC). Email for enquiry: admission@utb.edu.bn

Structure of Programme

SEM	CODE	MODULE TITLE
March to July 14 weeks	FC01	Computional Mathematics
	FC02	Fundamental of Programming
	FC03	Introduction to Multimedia
	FC04	Computer System and Architecture
	FC05	Basic of Database System

Eligibility For Admission Into School of Computing and Informatics Undergraduate Programmes

Students who obtain at least 50% marks per enrolled module will be eligible for admission into the first year of the School of Computing and Informatics undergraduate programmes of their choice.

Entry Requirements

'A' Level:

Atleast **DDE or 160 'A' Level points** for 3 A-level passes including:

- **One subject from Group A**, and **two from Group B;**
- **Two subjects from Group A**, and **one from Group B;**
- **Three subjects from Group A**

or

atleast CD or 140 'A' Level points for 2 A-level passes including:

- **One subject from Group A**, and **one from Group B;**
- **Two subjects from Group A**

International Baccalaureate:

Minimum 20 points at higher level subjects including Mathematics and Physics and other relevant science subjects (Computer Science, Chemistry, Design Technology)

Group A

- **Computer Studies / Science**
- **Further Mathematics**
- **Mathematics**
- **Physics**

Group B

- **Applied ICT/IT**
- **Accounting**
- **Biology**
- **Business Studies**
- **Chemistry**
- **Design & Technology**
- **Economics**
- **English Literature**
- **Geography**
- **History**
- **Media Studies**
- **Psychology**
- **Sociology**
- **Thinking Skills**
- **Travel & Tourism**

BriBUS

Students who have successfully completed the BriBUS programme will be eligible for admission into one of the following first year UTB School of Business undergraduate programmes at UTB:

- BBus (Hons) (Major in Accounting Information Systems)
- BBus (Hons) (Major in Finance and Risk Management)
- BBus (Hons) (Major in Applied Economics and Finance)
- BBus (Hons) (Major in Marketing Information Systems)
- BBus (Hons) (Major in Business Information Management)
- BBus (Hons) (Major in Business Technology Management)

Satellite Partner

International Graduate Studies College (KIGS)

How to Apply?

Application for BriBUS Programme is made through the respective Satellite Partner and HECAS portal. Where this option is not easily accessible for the applicant, computers are available at the UTB Staff and Students Centre (SSC). Email for enquiry: admission@utb.edu.bn

Structure of Programme

SEM	CODE	MODULE TITLE
March to July 14 weeks	FB01	Mathematics for Business
	FB02	Introduction to Accounting
	FB03	Introduction to Finance
	FB04	Introduction to Management and Marketing
	FB05	Business Economics

Eligibility For Admission Into UTB School of Business Undergraduate Programmes

Students who obtain at least 50% marks per enrolled module will be eligible for admission into the first year of the UTB School of Business undergraduate programmes of their choice.

Entry Requirements

'A' Level:

Atleast **DEE or 140 'A' Level points** for 3 A-level passes in relevant English medium subjects

or

atleast **CE or 120 'A' Level points** for 2 A-level passes in relevant English medium subjects

International Baccalaureate:

Minimum 18 points.

Relevant Subjects:

- **Accounting**
- **Economics**
- **Management of Business**
- **Business Studies**
- **Mathematics**
- **Computer Studies**
- **Additional Mathematics**
- **Biology**
- **Chemistry**
- **Physics**
- **English Literature**
- **Geography**
- **Public Affairs**
- **History**
- **Sociology**
- **Psychology**
- **Law**

How to apply

Applicants who fulfil the minimum entry requirements into an undergraduate programme of their choice, offered at Universiti Teknologi Brunei are eligible to apply to the University.

For applicants based in Brunei Darussalam, the following process should be followed:

1 Apply on HECAS

All applications (except for in-service applicants) must be made online by visiting the HECAS portal at www.hecas.edu.bn

2 Submit to UTB

Applicants must submit a hard copy of their HECAS application form, and copies of IC, and certified academic certificates to UTB.

3 Apply@UTB

Make an online application at Apply@UTB by going to https://apply.utb.edu.bn/

Submit the completed application form, along with all required certificates and documents, directly to the University within one week after the HECAS closing date.

For applicants who are currently employed by the Government either in a permanent, temporary, month-to-month, open vote or daily paid position, or in the private sector:

1 Apply@UTB

Make an online application at Apply@UTB by going to https://apply.utb.edu.bn/

2 Confidential Report and Service Record

Applications will only be considered if the hard copy form, along with a confidential report and service record, is submitted through their Head of Department.

3 Certified by HOD

All attached certificates and documents needs to be certified with the Head of Department/ Employer.

4 Submit to UTB

Submit the hard copies of the application form, along with certified certificates and documents, to UTB on the closing date of Apply@UTB online application system

Applicants should ensure timely submission to the Head of Department for reaching UTB before the deadline.

Fee Regulations

On receiving the offer to study at the University, the student, upon accepting the offer of admission, must pay all fees at the counter located at the UTB Finance Office. The fees will include registration, programme deposit, administrative charges and other general fees where applicable, and tuition fee. An official receipt will be produced and this receipt must be shown during the registration day.

Fees Schedule

Acceptance Fees

Payable by non-government scholarship students on accepting the offer of admission (non-refundable):

All Programmes	***B$100.00***

Programme Deposit

(Refundable upon completion of study except for 'self-withdrawal' students)

Undergraduate Degree (Part Time)	***B$200.00***
Postgraduate Degree (Part/Full Time)	***B$300.00***

Administrative Charges

Payable by all students

Student's Welcome Pack	***B$80.00***
Student Association Fee per academic year	***B$60.00***

Examination Fees

Payable at the beginning of the final semester.

Undergraduate Degree (Part-time)	***B$300.00***
Postgraduate Master (Part/Full Time)	***B$500.00***
Postgraduate PhD (Part/Full Time)	***B$750.00***

Field Trip/Site Visit Fee

Students will be advised of any such fees by the programme area on registration.

Insurance

All local and international students are required to obtain their personal insurance for the duration of their studies and other related insurance as deemed necessary by the programme. The details need to be worked out with the insurance company concerned during the orientation week.

Programme Fees*

Undergraduate Degree Programmes

Full Time	*B$16,000.00 per programme*[1]
Part Time	*B$18,000.00 per programme*[1]

[1]*International Rates Apply, please refer to https://www.utb.edu.bn/admissions/future-students/university-fees/undergraduate-tuition-fees/*

[1]*Subject to change.*

Graduate Degree Programmes

UTB Scholarship for Graduate Students

UTB scholarships are provided to attract high calibre candidates to conduct full-time graduate studies by research (Masters or PhD) and to contribute to research outcomes as well as to support life-long learning through financial support to highly motivated candidates who cannot qualify for Brunei Ministry of Education (MOE) scholarships. The aim of the funding is also to attract highly qualified international candidates and contribute to diversity among UTB community. UTB scholarship award is subject to terms and conditions.

Research Programmes

PhD – Full Time and Part Time

Brunei Citizen & PR	*B$12,000.00 per programme*
International	*B$15,000.00 per programme*

MSc – Full Time and Part Time

Brunei Citizen & PR	*B$4,000.00 per programme*
International	*B$6,000.00 per programme*

***All students should check the latest information on UTB's website before applying as changes may apply in future years.**

Master by Coursework Programmes

Faculty of Engineering

	Tuition Fee per Programme (Full Time)		Tuition Fee per Programme (Part Time)	
	Brunei Citizen & PR	International	Brunei Citizen & PR	International
MSc in Civil Engineering	***B$3,500***	***B$5,250***	***B$3,500***	***B$5,250***
MSc in Mechanical Engineering	***B$3,500***	***B$5,250***	***Not available***	***Not available***
MSc in Electrical & Electronic Engineering	***B$3,500***	***B$5,250***	***B$3,500***	***B$5,250***
MSc in Water Resources & Environmental Engineering	***B$3,500***	***B$5,250***	***Not available***	***Not available***

School of Computing and Informatics

	Tuition Fee per Programme (Full Time)		Tuition Fee per Semester (Part Time)	
	Brunei Citizen & PR	nternational	Brunei Citizen & PR	International
MSc in Computing and Information Systems	***B$3,500***	***B$5,250***	***Not available***	***Not available***
MSc in Cyber Security	***B$3,500***	***B$5,250***	***B$2,250***	***B$3,375***

UTB School of Business

	Tuition Fee per Programme (Full Time)		Tuition Fee per Semester (Part Time)	
	Brunei Citizen & PR	International	Brunei Citizen & PR	International
MSc in Management & Technology	***B$3,500***	***B$5,250***	***B$2,250***	***B$3,375***

School of Applied Sciences and Mathematics

	Tuition Fee per Programme (Full Time)		Tuition Fee per Semester (Part Time)	
	Brunei Citizen & PR	International	Brunei Citizen & PR	International
MSc in Food Science and Technology	***B$3,500***	***B$5,250***	***B$2,250***	***B$3,375***

School of Design

	Tuition Fee per Programme (Full Time)		Tuition Fee per Semester (Part Time)	
	Brunei Citizen & PR	International	Brunei Citizen & PR	International
Masters in Architecture	***B$5,250***	***B$7,875***	***Not available***	***Not available***

Centre for Communication, Teaching and Learning

	Tuition Fee per Programme (Full Time)		Tuition Fee per Semester (Part Time)	
	Brunei Citizen & PR	International	Brunei Citizen & PR	International
MSc in Communication	***B$3,500***	***B$5,250***	***B$2,250***	***B$3,375***

Graduate Studies and Research at UTB

Universiti Teknologi Brunei (UTB) is fast emerging as a leading university in Engineering and Technology, known for its outstanding academic and research excellence on both national and international fronts. Our dedication to addressing pressing global issues is evident in our innovative work across a diverse range of disciplines, including sustainability, climate change, emerging technologies, artificial intelligence, biotechnology, renewable energy, environment protection, and advanced materials.

UTB continues to push the boundaries of knowledge and develop solutions that shape the future of our world. As a university, we are committed to fostering a holistic educational experience that not only ingrains essential knowledge and skills but also inspire and empower our students to contribute to build a better future through the transformative power of emerging technologies and innovations.

UTB has successfully carved out a reputation for itself as an institution of significance, not only within the country but also on the global stage. Our growing and highly capable staff, dedicated to both academic and research pursuits, are pivotal in this progress. Our esteemed faculty members, comprising of experts in various fields, contribute significantly to our academic and research achievements. Together, we are committed to producing highly skilled professionals at both the undergraduate and graduate levels.

We are pleased to welcome eligible candidates to join our Graduate Research Programmes, which lead to Master's and PhD degrees, as well as our Master by Coursework programmes. At UTB, we are enthusiastic about nurturing the next generation of scholars and researchers.

Programme Entry Requirements

For admission into the graduate research degrees, candidates must satisfy the following minimum admission requirements:

Master's by Research degree and Master's by Coursework

A minimum of a **lower second-class honours Bachelor's degree**, or equivalent, recognised by the Senate of UTB

In addition to the above, a minimum of Credit Six in English Language at GCE 'O' Level or a valid IELTS score of 6.0 or a valid TOEFL minimum overall score of 550 or its equivalent is equired. The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than two years prior to their current application, they will need to show that they have continued to study or work in the medium of English.

Applications from mature candidates are encouraged. Admission criteria for mature candidates are in place and such applications shall be considered on a case to case basis.

Doctor of Philosophy (PhD) degree

A Masters degree, or equivalent, recognised by the Senate of UTB.
or
An upper second-class honours Bachelor's degree, or equivalent, recognized by the Senate of UTB.

In addition to the above, a minimum of Credit Six in English Language at GCE 'O' Level or a valid IELTS score of 6.0 or a valid TOEFL minimum overall score of 550 or its equivalent is equired. The English Language requirements may be waived where qualifying studies in Higher Education were in the medium of English Language. Where candidates completed their higher education more than two years prior to their current application, they will need to show that they have continued to study or work in the medium of English.

Applications from mature candidates are encouraged. Admission criteria for mature candidates are in place and such applications shall be considered on a case to case basis.

Note:

1. Programme areas may have additional admission requirements, which would normally include having the required qualification in a relevant discipline, the submission of a satisfactory research proposal and passing an interview.
2. A candidate will only be offered a place if the Faculty or School is able to provide adequate supervision and facilities in the candidate's proposed area of research.

Masters By Coursework

- **MSc in Civil Engineering (Full Time & Part Time)**

  Accredited by:

- **MSc in Electrical and Electronic Engineering (Full Time & Part Time)**
- **MSc in Mechanical Engineering (Full Time)**

  Accredited by:

- **MSc in Water Resources and Environmental Engineering (Full Time)**

  Accredited by:

- **MSc in Management & Technology (Full Time & Part Time)**

  Accredited by (full time):

- **MSc in Computing and Information Systems (Full Time)**

  Accredited by (partial):

- **MSc in Cyber Security (Full Time & Part Time)**
- **MSc in Food Science and Technology (Full Time & Part Time)**
- **Masters in Architecture (Full Time)**
- **MSc in Communication (Full Time & Part Time)**

For detailed information on programmes offered, please refer to the respective faculty or schools.

Programme Length

MSc by Coursework (Full Time)

The MSc programme is offered on a full-time basis over one year.

MSc by Coursework (Part Time)

The MSc programme is offered on a part-time basis over two years.

MSc by Research (Full Time)

Two years of supervised study, inclusive of one year writing-up period.
The submission of the thesis is before the end of the writing-up period.

MSc by Research (Part Time)

Four years of supervised study, inclusive of one year writing-up period.
The submission of the thesis is before the end of the writing-up period.

PhD (Full Time)

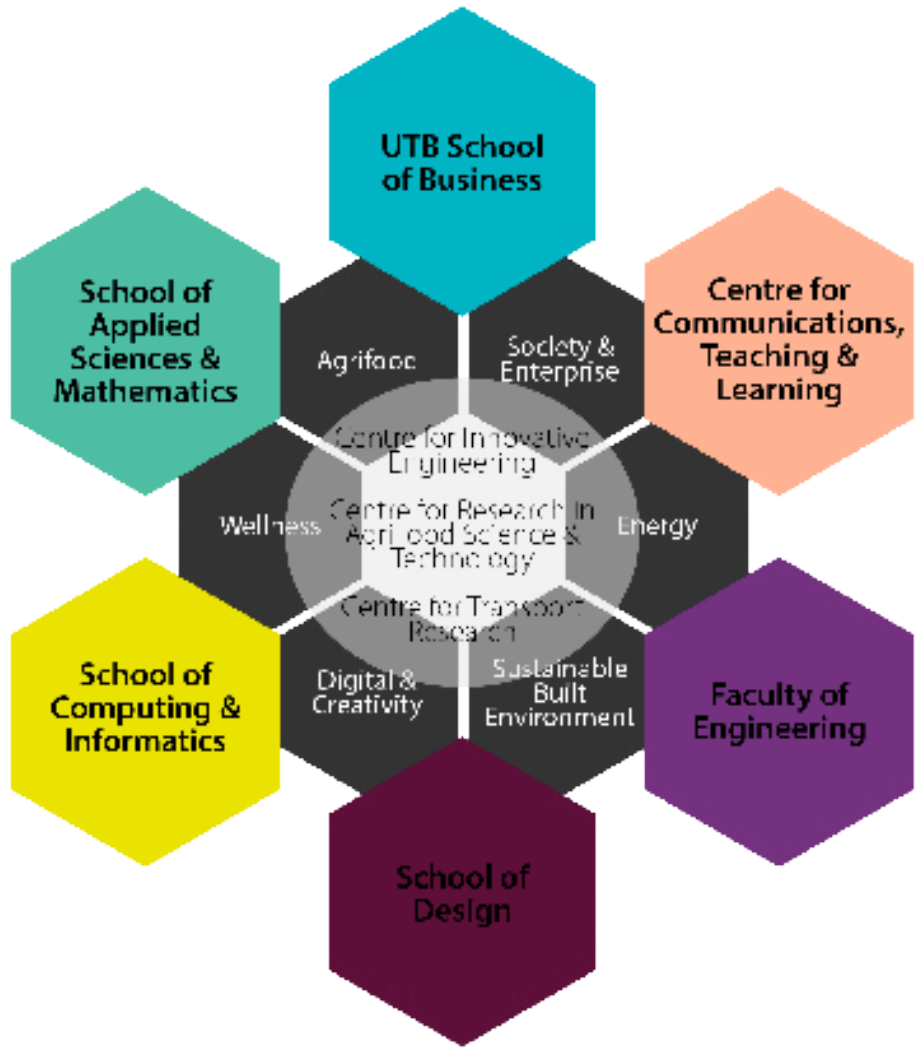
Three years of supervised study, inclusive of one year writing-up period.
The submission of the thesis is before the end of the writing-up period.

PhD (Part Time)

Six years of supervised study, inclusive of one year writing-up period.
The submission of the thesis is before the end of the writing-up period.

Research Thrusts

UTB's multidisciplinary research are conducted through six Research Thrusts. Each of the research thrust draws members from UTB's academic units in Applied Sciences, Business, Communications, Design, Engineering and Computing and Informatics. The Research Thrusts provide opportunities for cross-disciplinary Research, Development & Innovation across the University. UTB's six Research Thrusts are in Agri-Food; Digital & Creativity; Energy; Society & Enterprise; Sustainable Built Environment and Wellness.



Agri-Food

Any areas in the broad context of agriculture, food, nutrition, and enabling technology for the aforementioned. Examples include food packaging, irrigation systems for agriculture, and agricultural economics.

Society & Enterprise

Any areas in the broad context of enterprise, industry and sociology including business, entrepreneurship, communications, studies on impact of technology on social cohesion, security studies, economics.

Digital & Creativity

Any areas in the broad context of digital, information systems, computing, algorithms, networks, programming languages, hardware and software.

Examples include animation, smart sensors, fashion, internet of things, multimedia technologies, architecture, photonics, semiconductor device design and fabrication.

Sustainable Built Environment

Any areas in the broad areas of built environment such as the use of technologies for smart sustainable living, lowering carbon footprint, water research, novel technologies for construction, and green technology.

Energy

Any areas in broad context of energy including hydrocarbons, renewables, new energy sources, technologies for increased efficiency, enabling technologies such as materials and low-power devices.

Wellness

Any areas in the broad context of well-being. Examples include cosmetics, point of care diagnostics, apps for health monitoring, technologies for rehabilitation, geriatrics, occupational wellness, big data analytics for health, etc.

Research Centres

In addition to Research Thrusts, there are three Research Centres in UTB; they serve as focal points where major engineering and scientific challenges of national importance are addressed. These research centres are the Centre for Transport Research, the Centre for Innovative Engineering, and the Centre for Research in Agri-Food Science & Technology. Research excellence in our University is underpinned by research grants from the Government Ministries & Departments, industries and international agencies.

Centre for Transport Research (CfTR)

The Centre for Transport Research (CfTR) was the first research centre established at Universiti Teknologi Brunei (UTB), with an emphasis on multidisciplinary and collaborative research in the field of transport. CfTR remains the only research centre in the country focusing its research in the field of transport. The centre is committed to improve the transport system by:

- conducting interdisciplinary research to develop, support and complement the relevant national transport plans and strategic directions
- collaborating with fellow national and international researchers for knowledge sharing and advancement
- acting as a transport and road safety resource and training centre

The main research themes of CfTR are road safety engineering, highway and geotechnical Engineering, and traffic engineering. Recent research projects include the application of Geographical Information System for road accident hotspot analysis, database development, laboratory and numerical analysis of road pavement, road safety improvement, intelligent transport system, transport modelling and slope stability analysis.

Centre for Innovative Engineering (CIE)

CIE is a point of reference for innovative research in UTB. It will facilitate national innovation leadership and will accelerate the rate of technology adoption. Thus, it will attract national and international partnerships and contribute to intellectual growth in Brunei.

CIE will focus on strengthening research capability in the key and niche research areas through partnership and technology transfer through the current flagship research titled 'Smart Environment'. With this multidisciplinary flagship initiative, the research activities of the 'Smart Environment' will include physical hardware, communication networks and software application development. A project in this area can bring researchers from multidisciplinary areas such as Engineering, Science, IT and Business together. There are a lot of potential projects in relevant areas that CIE is spearheading through collaboration among faculties and with international collaborators.

Centre for Research in Agrifood Science & Technology (CrAFT)

CrAFT was established in 2018 as a university-wide research centre to serve as a platform for networking of researchers and pooling resources from various organizations, academic institutions and governmental bodies at local and international levels.

The vision of the centre is to create new knowledge and sustainable solutions for agri-food problems, while preparing students to become the next generation of researchers and leaders and able to serve the needs of Bruneian society.

Funding And Scholarship

There are a number of scholarship opportunities for graduate studies (both local and International graduate students).

Scholarship through Ministry of Foreign Affairs (MFA):

This scholarship is for foreign applicants only.
Detail of this scholarship and application procedure can be obtained from MFA website: https://www.mfa.gov.bn/Pages/online-bdgs.aspx

Ministry of Education (MoE) Scholarship:

This scholarship is for Bruneians (Yellow IC) applicants only who are not more than 30 years old. It is offered to the applicants who are accepted for admission (PhD, Master's by Research and Master's by Coursework).
The University usually does the processing to forward the scholarship request to the Ministry of Education once the applicant accepts the admission offer as well as submitting the scholarship application form. The scholarship includes a tuition fee waiver and a monthly allowance of about BND 400.

UTB Scholarship for Graduate Students

UTB scholarships are provided to:
Attract high calibre candidates to conduct full-time graduate studies by research (Masters or PhD) and to contribute to research outcomes.
Support life-long learning through financial support to highly motivated candidates who cannot qualify for MOE scholarships (such as due to age).
Attract highly qualified international candidates and contribute to diversity among UTB community.

Terms of the UTB Scholarship:
This is a waiver of programme fees only. Other fees apply. A stipend of BND 750 per month is provided for up to 24 months for Masters by research and 36 months for PhD programmes.

UTB scholarship is provided for full-time study by graduate research students only. A one-off return airfare to country of origin is provided for international scholarship recipients. The scholarship cannot be held with other financial support unless written approval is given by UTB. Recipients are to assist in supervised

teaching and learning activities in appropriate modules as required by UTB. UTB reserves the right to amend terms of the scholarship at any time.

Candidates must be:
Brunei citizens or permanent residents of Brunei or international students. The scholarship is conferred based on academic excellence. If the candidate have an equal academic excellence, the scholarship will be conferred to Brunei citizens, Brunei permanent residents and international students, in that order of preference.

Holders of First Class honours undergraduate degree, or if applying using Master's degree, holders of Master degree with distinction/merit from a university acknowledged by UTB Senate (For applicants in the PhD programme).

Holders of at least a Second Upper class honours undergraduate degree from a university acknowledged by UTB Senate (For applicants in the MSc by Research programme).

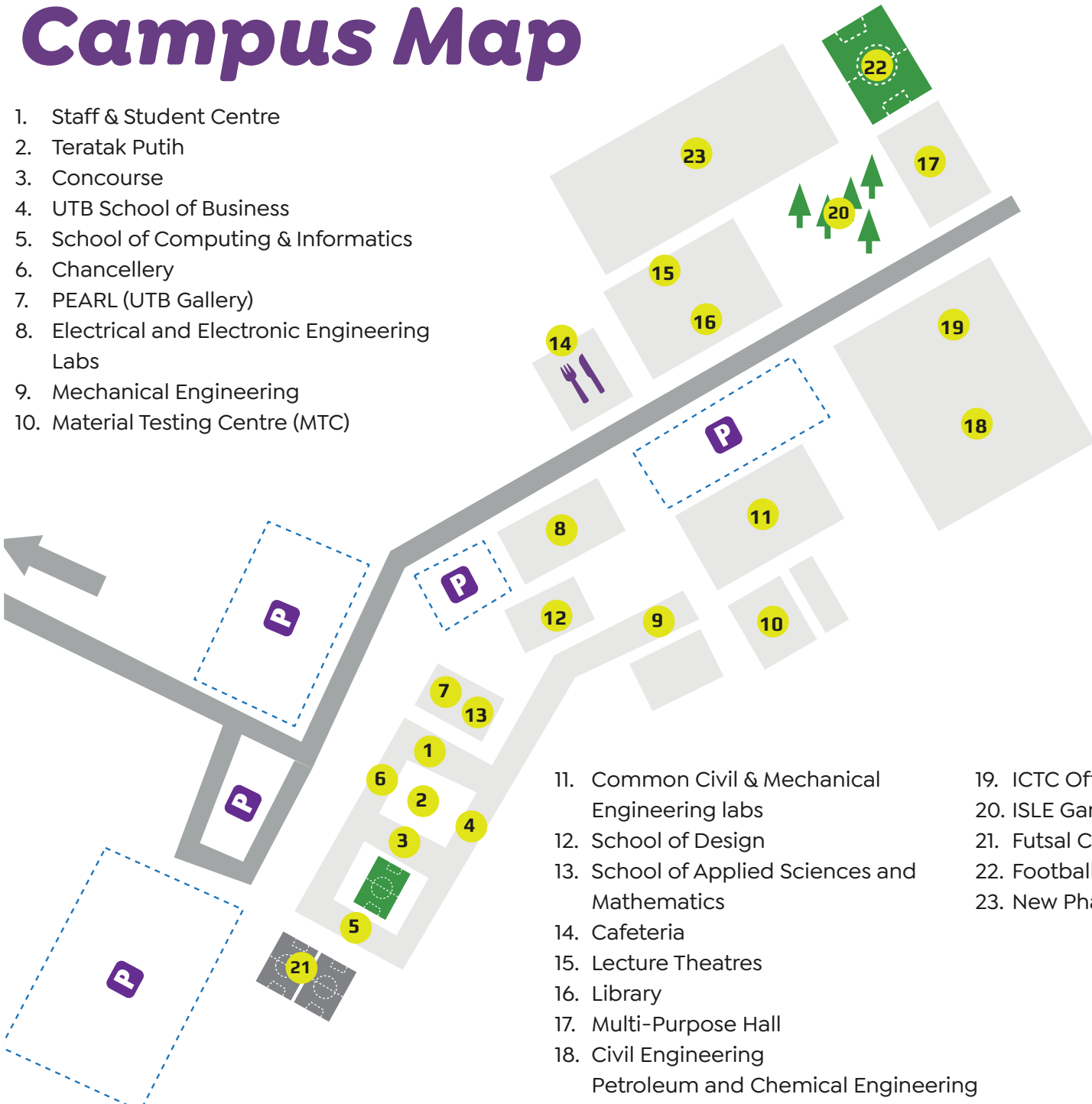
While candidates with the above degrees from reputable universities are eligible, those from prestigious, rigorous and highly ranked universities will, everything else being equal, have an advantage. Recipients must be under the age of 35 years at the time the window for graduate admissions closes.

Other scholarships:

There are research assistantship opportunities depending on the available research funds.

Campus Map

1. Staff & Student Centre
2. Teratak Putih
3. Concourse
4. UTB School of Business
5. School of Computing & Informatics
6. Chancellery
7. PEARL (UTB Gallery)
8. Electrical and Electronic Engineering Labs
9. Mechanical Engineering
10. Material Testing Centre (MTC)



11. Common Civil & Mechanical Engineering labs
12. School of Design
13. School of Applied Sciences and Mathematics
14. Cafeteria
15. Lecture Theatres
16. Library
17. Multi-Purpose Hall
18. Civil Engineering
    Petroleum and Chemical Engineering
19. ICTC Office
20. ISLE Garden
21. Futsal Court
22. Football Field
23. New Phase 4 (SASM)

Getting To UTB

Metered Fare	
The first 1 km or 1 minute	$3.50
Subsequent 250m or 15 seconds (whichever comes first)	$0.20
Area Surcharge	
To/From Brunei International Airport	$3.00
From one district to another, including to Muara in the Brunei-Muara District (after the Kampong Sabun roundabout)	$8.00 per new district
Other charges	
More than four passengers	$2.00 per passenger
Waiting charge	$0.50 every 60 seconds
Extra Baggage	$2.00 per item
Toll charges	Borne by passenger
Public Bus	$1.00 per ride

Car Rental

Visitors wishing to explore Brunei beyond its capital, Bandar Seri Begawan can rent a car prior to reaching the country, through online booking at a number of services. Prices range between BND60 to BND100 per day, depending on the size of the vehicle.

Dart

Dart is a local transport app; think of it as Brunei's Uber or Grab (both of which are currently unavailable in Brunei). It can be competitively priced against Brunei's taxis, with the additional convenience of booking a ride through the app. Click here to download it on the Apple App Store, and here on the Google Play Store.

Taxi contact information
Bandar Seri Begawan: +673 222 2214, +673 222 6853
Kuala Belait: +673 333 4581
Seria: +673 322 2020, +673 322 2155
Airport Taxi Service: +673 234 3671

#TheFutureIsUTB

For enquiries, please contact:

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