Curtin University
Colombo

International
Student guide

2025

Make tomorrow better.

GRADUATE FROM A TOP 1% RANKED UNIVERSITY GLOBALLY

IN THIS GUIDE

CURTIN UNIVERSITY COLOMBO ACADEMIC CALENDAR

	SEMESTER 1, 2025	SEMESTER 2, 2025
Orientation - Week	17 - 21 February	16 - 20 July
Semester starts	24 February	21 July
Semester ends	13 June	7 November

* Applications close two weeks before orientation

* Application closing dates and orientation dates are subject to change and may vary depending on the course.

About Curtin

Curtin is a world-ranked, global university recognized for industry-connected programs that provide skills for agile careers.

Inspired by the motto 'Look ever forward', Curtin has thrived over the past 57 years. Established in Australia in 1967, Curtin is now a global university with campuses and locations in further five countries: Malaysia, Singapore, the United Arab Emirates, Mauritius, and Sri Lanka.

Curtin's approach to university education is driven by five core values — integrity, respect, courage, excellence and impact — and is underpinned by Curtin's dedication to building education and research partnerships that make a positive difference, both for people and the planet.

Curtin's range of courses, research strengths, learning facilities, and industry partnerships make Curtin a popular choice for students around the world. In particular, Curtin is renowned for immersive learning and simulated work environments to ensure that Curtin's students can apply professional expertise as soon as they graduate.

Top 1% University Globally
(ARWU ranking 2024)

#13 in Australia
(QS world ranking 2025)

#174
(QS world ranking 2025)

5 Star Rating
(Rated 5 star plus – QSWUR 2023)

#1 for Graduate employability in WA's Public Universities

50,000+ students

230,000+ Curtin University Alumni Worldwide

Largest University in Western Australia

About Curtin University Colombo

Curtin University Colombo is a global campus of Curtin University Australia, offering a world-class education in Business, Computing and Engineering, in the heart of Colombo, Sri Lanka. We provide students with flexible study options to complete their degrees in Sri Lanka or transfer to any of Curtin's global campuses in Australia, Malaysia, Singapore, Dubai, and Mauritius.

With a strong focus on academic excellence, industry connections, and state-of-the-art facilities, Curtin University Colombo prepares students for global careers through innovative programs and an inclusive, vibrant campus community.

Get a Head Start With Curtin University Colombo

Diverse Program Choices in Engineering, Computing, and Business

At Curtin University Colombo, you can choose from a variety of programs across Engineering, Computing, and Business. These diverse options ensure that you can find a program that aligns with your career aspirations and interests, backed by Curtin's globally recognized curriculum.

Accredited Programs

Curtin University Colombo's degree programs are accredited by prestigious professional bodies and these accreditations ensure that your education meets the highest international standards.

- Engineering degree programs are accredited by Engineers Australia (EA)

- Computing degree programs are accredited by the Australian Computer Society (ACS)

- Business degree programs are overseen by the AACSB. Curtin University Business School is accredited by the Association to Advance Collegiate Schools of Business.

Equal Qualification and Comprehensive Curriculum

At Curtin University Colombo, you will receive the same prestigious qualification and transcript as those studying at Curtin University in Australia or any of its global campuses. Our curriculum, Curtin-articulated programs, are designed to prepare you for the global marketplace by combining broad subject knowledge with practical application. Our programs meet high academic standards, ensuring you graduating with the skills, knowledge, and globally recognized qualifications needed to excel in a competitive job market.

Scholarship Opportunities

Curtin University Colombo offers a range of scholarship opportunities to make higher education more accessible. These scholarships enable you to pursue your academic goals with confidence and ease.

Graduate with a Curtin University Degree

Curtin University Colombo offers you the opportunity to graduate with a degree from Curtin University, which is ranked among the top 1% of universities worldwide, as per the Academic Ranking of World Universities (ARWU) 2024. This prestigious ranking reflects Curtin's commitment to academic excellence, innovation, and global impact, ensuring you receive a world-class education recognized worldwide.

Flexible Study Options

Curtin University Colombo offers flexible study paths, allowing you to start your degree in Sri Lanka and choose to complete it locally or transfer to Curtin University in Australia or any of its global campuses in Malaysia, Singapore, Dubai, or Mauritius. Each of these campuses offers the same degree programs, giving you the freedom to tailor your study experience to your preferences and circumstances.

Note: At the time of transfer, your chosen course must be available at the desired campus.

Access to Resources

As a student at Curtin University Colombo, you gain access to Curtin University's extensive study resources and teaching support. This includes online libraries, and support services designed to enhance your learning experience and academic success.

Student Exchange Programs

Through the student exchange program, you can study for one semester at Curtin University in Australia or any of its global campuses offering the same program, while continuing to pay the course fees at Curtin University Colombo. This experience provides an opportunity to broaden your horizons and gain valuable international exposure.

Note: Students must meet both academic and financial eligibility criteria to participate in the exchange program.

Seamless Transfers

Curtin University Colombo offers a seamless transfer process to Curtin University in AustraliaThis streamlined approach simplifies the transition between campuses, making it cost-effective.

Successful Graduates

With over 2,500 successful graduates making significant contributions in their respective fields, our strong alumni network stands as a testament to the quality of education and training we provide.

Vibrant Student Life

Curtin University Colombo offers a vibrant student life with various sports, clubs, and societies, creating a dynamic and inclusive environment where you can develop personally and professionally while enjoying a well-rounded university experience.

Industry Connections

Benefit from Curtin University Colombo's strong industry connections, which provide valuable opportunities for internships, networking, and employment. These connections help bridge the gap between academic learning and professional practice.

Proven Academic Excellence

For over 24 years, Curtin University and SLIIT have partnered to provide high-quality education, fostering a supportive learning environment that promotes innovation and critical thinking. Through this strong collaboration, Curtin University Colombo continues to uphold these values, offering students a world-class education with opportunities for academic and professional growth.

Affordable Fees

Earn a globally recognized Australian degree at Curtin University Colombo, where you can complete your degree with more affordable tuition fees.

Prime Location

Curtin University Colombo is strategically located in the heart of Colombo, providing easy access to the city's amenities, and fostering a vibrant and convenient campus life.

Student Life

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Clubs and societies

With a wide range of clubs and societies to choose from—including the Social Impact Club, Engineering Club, Programming Club, Entrepreneurship Club, Photography Club, Drama Club, Music Club, Dancing Club, Tamil Cultural Club, Anime Enthusiasts Club, E-Sports Club, Food Club, and Motor Sports Club—you'll find numerous opportunities for personal growth, skill development, and connecting with fellow students. These clubs offer more than just fun activities—they provide pathways to leadership, meaningful experiences, and lifelong friendships. Many clubs participate in inter-university and international competitions, giving you the chance to showcase your talents on a broader stage and gain valuable recognition. Dive in, explore your passions, and make your university experience unforgettable!

Sports

Explore a dynamic sports experience with a wide range of activities to suit every interest. Whether you thrive in team sports or excel in individual challenges, there's something for everyone. Choose from Badminton, Basketball, Carrom, Chess, Cricket, Futsal, Rugby, Table Tennis, Tennis, and Swimming. These sports not only help build teamwork, competitiveness, and personal growth but also offer the chance to challenge yourself and enjoy the sense of community as you create lasting memories!

Events

From food festivals to musical performances, cultural celebrations, and sports tournaments, you'll experience it all alongside a diverse mix of Sri Lankan and international students, creating a truly vibrant student life. This rich blend of activities and cultures ensures that every moment is filled with excitement and celebration, making your university experience dynamic, enriching, and rewarding.

Entry requirements

Academic entry requirements

India

- Successful completion of the I**ndian School Certificate (ISC)** awarded by Council for the Indian School Certificate Examinations (CISCE) with a grade average of at least 60 % from the best four subjects.

- Successful completion of the **All India Senior School Certificate/ Delhi Senior School Certificate Examination** awarded by the Central Board of Secondary Education (CBSE) with a grade average of 60 % in the best four subjects.

- Successful completion of the **Higher Secondary School Certificate** (Standard Year 12 Qualification). qualification title varies from State to State, awarded by one of the recognised Higher Secondary Education Boards in India with a grade average of 65 % in the best five subjects.

Bhutan

- Successful completion of the Bhutan Higher Secondary Education Certificate awarded by the Bhutan Council for School Examinations and Assessment with an average of 65 % in the best four academic subjects (excluding Dzongkha) in meeting Curtin University's minimum academic entry requirement.

- National Certificate: Successful Completion of the National Certificate NC 2 and NC 3 in meeting Curtin University's minimum academic entry requirement.

Bangladesh

- Completion of the Bangladesh Higher Secondary Certificate (HSC) with a minimum Grade Point average of 4.0 will meet university's minimum academic entry requirement.

Maldives

- Successful completion of International Advanced Level (A2) from a UK examination authority (Cambridge, Edexcel or equivalent) and achieve the required aggregate.

Nepal

- From 2021 – Successful completion of School Leaving Certificate Examination (Grade XII) awarded by the National Examination Board with at least **Cumulative Grade Point Average (CGPA) of 3.0** in meeting Curtin's minimum academic entry criteria.

- From 2018 – Successful completion of School Leaving Certificate Examination (Grade XI & XII) awarded by the National Examination Board with at least Cumulative Grade Point Average (CGPA) of 3.0 in meeting Curtin's minimum academic entry criteria.

Indonesia

- Successful completion of the Ijazah Sekolah Menengah Atas (SMA3) (Certificate of Completion from Academic Senior Secondary School) with an overall average grade of at least 77% (7.7) to meet Curtin's minimum academic entry requirement.

- From 2013 - Successful completion of Ijazah Sekolah Menengah Atas (SMA) (Certificate of Completion from Academic Senior Secondary School) with an overall average grade of at least 80 %, with evidence of passing the Ujian Nasional (National Examinations) in meet Curtin's minimum academic entry requirement.

English requirement
Separate evidence of English competence is required.

Table 1 : Minimum requirements for English proficiency tests

IELTS (International English Language Test System)	
Writing and Speaking	6.0
Reading and Listening	6.0
Overall	6.5

TOEFL (Test of English as a Foreign Language) IBT (Internet Based Test)	
Reading and Listening	13
Speaking	18
Writing	21
Overall	79

PTE Academic (Pearson Test of English Academic)	
Listening and Reading	59
Speaking and Writing	59
Overall	69

Engineering

Our engineering programs combine cutting-edge technology, hands-on learning, and industry collaboration to equip you with the skills needed to excel in a rapidly evolving world. With opportunities for internships, research projects, and global exposure, we prepare you to successfully launch your engineering career.

Civil and Construction Engineering

Degree

Bachelor of Engineering (Honours) (Civil and Construction Engineering)

CRICOS CODE

072467B

Throughout this course, you will cultivate fundamental scientific, mathematical, and hands-on proficiencies. Moreover, you will grasp the art of implementing these abilities in structural analysis and design, geotechnical engineering, transportation engineering, hydraulics, construction, and professional practice. This will empower you to effectively tackle engineering challenges of the future.

In your final year, you'll integrate your design, construction, and management skills in large civil engineering projects; undertake a major civil engineering research project and select units from specialty options in the areas of structural, geotechnical, transportation, water resources and environmental engineering.

To satisfy professional requirements, you will complete the required professional engineering practice during your course. This requirement can be met through appropriate work experience or a combination of technical and nontechnical activities.

Career opportunities

Careers

- Civil Engineer
- Construction Engineer
- Site Engineer
- Structural Engineer
- Geotechnical engineer

Industries

- Construction
- Consulting
- Contracting
- Government
- Mining
- Transportation
- Water Supply

Course Outline *(Duration - 4 Years)*

Year 1 units

- Linear Algebra and Statistics for Engineers
- Engineering Mechanics
- Engineering Foundations, Principles, Design Communication
- Introduction to Scientific Data Analysis
- Sustainability and Renewable Energy
- Calculus for Engineers
- Fundamentals of Programming
- Electrical Systems
- Resources, Processing and Materials Engineering

Year 2 units

- Civil Engineering Construction Materials
- Civil Engineering Drawing and Surveying
- Fluid Mechanics
- Structural Analysis of Determinate Structures
- Principles of Geomechanics
- Structural Analysis of Indeterminate Structures
- Structural Mechanics
- Water and Environmental Engineering

Year 3 units

- Geotechnical Engineering Analysis
- Structural Actions and Steel Design
- Transportation Engineering and Earthworks
- Civil Engineering Project and Cost Management
- Hydraulics and Hydrology
- Reinforced Concrete Design
- Specialization options

Year 4 units

- Civil Engineering Practices, Quality and Legislation
- Civil & Construction Engineering Research Project 1
- Integrated Structural Design
- Civil & Construction Engineering Research Project 2
- Design Foundations
- Integrated Design and Construction
- Specialization options

Mechanical Engineering

Degree

Bachelor of Engineering (Honours) (Mechanical Engineering)

CRICOS CODE

072467B

This course is fundamentally oriented to provide learning and skills development opportunities with hands-on experience in the mechanical engineering industry.

You will learn how to apply your knowledge and skills to develop solutions to a wide range of exciting and challenging problems. In your final year you will undertake an individual design or research project and complete the required hours of professional practice. This hands-on course is designed to prepare you for employment in one of the many specialties within mechanical engineering.

Career opportunities

Careers

- Mechanical Engineer
- Mechanical Design Engineer
- Aeronautical Engineer
- Mechatronic engineer

Industries

- System Design
- Automotive
- Manufacturing
- Power Generation
- Marine Engineering
- Aerospace
- Transportation
- Mineral and Material Processing
- Water Supply

Course Outline *(Duration - 4 Years)*

Year 1 units

- Linear Algebra and Statistics for Engineers
- Engineering Mechanics
- Engineering Foundations, Principles, Design Communication
- Introduction to Scientific Data Analysis
- Sustainability and Renewable Energy
- Calculus for Engineers
- Fundamentals of Programming
- Electrical Systems
- Resources, Processing and Materials Engineering

Year 2 units

- Computer Aided Drawing and Engineering Modelling
- Fluid Mechanics
- Fundamentals of Strength of Materials
- Machine Dynamics
- Ethics and Sustainability in Engineering
- Fundamentals of Mechanical Design
- Fundamentals of Thermodynamics
- Manufacturing Processes

Year 3 units

- Advanced Strength of Materials
- Fundamentals of Heat Transfer
- Linear Systems and Vibrations
- Applied Fluid Mechanics
- Exposure to Professional Engineering Practice
- Machine Design
- Specialization options

Year 4 units

- Electromechanical Energy Systems
- Mechanical Engineering Research Project 1
- Systems Engineering Design
- Automatic Control Systems
- Mechanical Engineering Research Project 2
- Professional Engineering Management and Practice
- Specialization options

Mechatronic Engineering

Degree

Bachelor of Engineering (Honours) (Mechatronic Engineering)

CRICOS CODE

072467B

With the ever-increasing reach of auto-machine systems, mechatronic engineers are found in diverse industries including aerospace, agriculture, electrical, electronic, and energy resources.

As the number of industries that are innovating as digital technologies grow, so do the opportunities for mechatronic engineers. Rapid advances in automation applications – such as self-driving vehicles and mine-site automation – are driving an increased need for mechatronic engineers with expertise in mechanical, electronic and computer systems engineering.

Numerous industries require mechatronic engineers to work towards solutions for some of society's most pressing problems. As a mechatronic engineering student, you will develop sound theoretical knowledge in the key disciplines of mechanics, electronics, computer systems and control. You will apply this knowledge and develop practical skills through a series of projects.

Career opportunities

Careers

- Mechatronic Engineer
- Mechanical Engineer
- Automation Engineer
- Computer Systems Engineer
- Data Scientist

Industries

- Aerospace
- AgriTech
- Autonomous Vehicle
- Manufacturing
- Robotics
- Energy Resources
- Biosensors and Security
- Biotechnology and Biomechanics

Course Outline *(Duration - 4 Years)*

Year 1 units

- Linear Algebra and Statistics for Engineers
- Engineering Mechanics
- Engineering Foundations, Principles, Design Communication
- Introduction to Scientific Data Analysis
- Sustainability and Renewable Energy
- Calculus for Engineers
- Fundamentals of Programming
- Electrical Systems
- Resources, Processing and Materials Engineering

Year 2 units

- Microcontroller Project
- Machine Dynamics
- Electrical Circuits
- Foundations of Digital Design
- Data Structures and Algorithms
- Ethics and Sustainability in Engineering
- Mechatronics Design Project
- Mechatronics Design Project

Year 3 units

- Robot Manipulation Project
- Computer Aided Drawing and Engineering Modelling
- Intelligent Agent
- Embedded Systems Engineering
- Exposure to Professional Engineering Practice
- Introduction to Autonomous Robots
- Specialization options

Year 4 units

- Machine Learning
- Dynamic Modelling and Control
- Mechatronic Engineering Research Project 1
- Mechatronic Engineering Research Project 2A
- Mechatronics Automation Project
- Professional Engineering Management and Practice
- Specialization options

Electrical and Computer Engineering

Degree

Bachelor of Engineering (Honours) (Electrical and Computer Engineering)

CRICOS CODE

072467B

Advances in electronic communication, the Internet of Things (IoT) and renewable energy are increasing the diversity of career opportunities in electrical and computer engineering. Throughout this course, you will gain a thorough understanding of the concepts that underpin electrical and computer engineering. You'll then choose to specialise in one of three areas: Electronics and Communications, Power Systems or Embedded Systems.

In your final year, you'll complete a major research or design project and 12 weeks of professional practice.

Career opportunities

Careers

- Electrical Engineer
- Electrical Power Engineer
- Electronics Engineer
- Communications Engineer
- Embedded systems Engineer
- Network Controller
- Power Systems Engineer
- Systems Engineer

Industries

- Application Engineering
- Computer Hardware Design
- Electronic Systems
- Fibre Optics
- Mobile Communications
- Manufacturing and Robotics
- Software Development
- Solar and Renewable Energy

Course Outline *(Duration - 4 Years)*

Year 1 units

- Linear Algebra and Statistics for Engineers
- Engineering Mechanics
- Engineering Foundations, Principles, Design Communication
- Introduction to Scientific Data Analysis
- Sustainability and Renewable Energy
- Calculus for Engineers
- Fundamentals of Programming
- Electrical Systems
- Resources, Processing and Materials Engineering

Year 2 units

- Electrical Circuits
- Calculus 2
- Foundations of Digital Design
- Electronic Fundamentals
- Signals and Systems
- Microcomputers
- Unix and C Programming
- Electrical Machines

Year 3 units

- Dynamic Modelling and Control
- Industrial Automated Systems
- Data Communications and Networking
- Renewable Energy Principles
- Specialization options

Year 4 units

- Critical Infrastructure Security & Asset Management
- Engineering Research Project 1
- Engineering Management and Professional Practice
- Engineering Research Project 2
- Specilization options

Course fee structure

To complete in Sri Lanka

July 2025 (AUD)

	Semester 1	Semester 2
Year 1	$ 5,547	$ 5,547
Year 2	$ 5,667	$ 5,667
Year 3	$ 5,988	$ 5,988
Year 4	$ 6,112	$ 6,112
Total	$ 46,628	

Disclaimer: The above mentioned course fees are applicable for degree completion in Sri Lanka and subject to review and change per Curtin University policies.

Apply for merit scholarships

Merit based scholarships at Curtin University Colombo offer financial, academic and career support, giving you more opportunities to gain new skills, expand your horizons and add to your portfolio of achievements. The scholarship has different eligibility criteria, application procedures and closing dates, so check these early.

Further information regarding Curtin University Colombo merit based scholarships can be obtained by contacting the admissions team.

"*Curtin University Colombo's software engineering degree places a heavy emphasis on the acquisition of professional skills and their courses have a well-maintained balance between theoretical knowledge and practical experience. The modules are designed to be rigorous and challenging as they push students to develop skills based on real-world scenarios and help us understand what employers want.*"

Nikita Debnath
Bachelor of Computing
(Software Engineering)

Country - India

Engineering Pavilion - Curtin University

Engineering Foundation Year(EFY) in Sri Lanka and transfer to Curtin to explore more engineering study options

Explore a diverse range of engineering study options at Curtin Perth, in addition to those offered at Curtin University Colombo. The Perth campus provides opportunities in various engineering disciplines, allowing you to tailor your education to your specific interests and career goals.

The Engineering Foundation Year (EFY) serves as a common foundation for all engineering disciplines, providing students at Curtin University Colombo with a flexible pathway. This flexibility enables transferring students to Curtin Perth the opportunity to explore a broader spectrum of study options, such as mining engineering and chemical engineering. Embrace the possibilities and pave your way to a diverse and rewarding engineering education.

Additional Bachelor of Engineering majors at Curtin University, Perth

Mining Engineering:

This major emphasizes the use of advanced technologies to safely and efficiently extract minerals. You'll explore innovative mining techniques, gain insights into mining economics, and consider the impact on Indigenous cultures, all while contributing to sustainable development.

Energy Engineering:

This innovative major addresses the demand for roles in energy efficiency, renewable energy technologies, fossil-fuel reduction, hydrogen systems, geo-energy options, and environmental compliance. It provides comprehensive knowledge to conceive, design, build, and operate engineering processes aligned with a clean energy future, emphasizing environmental and social responsibility.

Chemical Engineering:

Chemical engineering involves optimizing the sequence of chemical and physical processes, along with operating conditions, to transform raw materials into higher-value products. It covers the development, design, and management of processes and equipment for material extraction, conversion, and upgrading in various process industries.

Industrial and Systems Engineering:

Industrial and systems engineers design, install, and enhance systems integrating people, materials, equipment, energy, information, and finance. They use engineering management techniques to ensure quality, safety, environmental sustainability, and human needs are met, evaluating, and predicting outcomes of change.

Metallurgical Engineering:

Metallurgical engineers work on converting raw metals and minerals into usable formats. This major teaches the design, development, optimization, and management of metallurgical processing plants, transforming low-value raw materials into high-value mineral and metal products in an economical and environmentally responsible manner.

Software Systems Engineering:

Software engineers create computer-based systems, from mobile apps to electric vehicles, shaping everyday life and diverse industries. This course teaches software development through principles of design, measurement, analysis, and emerging technologies. Gain a solid foundation in computer science and electrical engineering, emphasizing software requirements, design, implementation, industrial and embedded systems, and testing.

How to Apply for EFY Transfer Pathway:

- Complete the Engineering Foundation Year (EFY) at Curtin University Colombo

- Choose your desired engineering major to study at Curtin University in Australia

- After completing your first semester, contact the Global Transfer Unit at Curtin University Colombo for the application process

Computing

We offer a world-class computing education that blends advanced technology, practical experience, and industry partnerships to equip you with the skills needed to thrive in today's fast-paced digital landscape. With opportunities for internships, innovative research projects, and international exposure, we prepare you to successfully embark on your computing career.

Software Engineering

Degree

**Bachelor of Computing
(Software Engineering)**

CRICOS CODE

0100817

Designed to prepare you for a career in computing, this program will equip you with high level knowledge of computer processes and systems involved in software development. Aspects of modern computing, fundamental programming and theoretical knowledge is embedded into the teachings of the degree, followed by specialisation in software engineering.

In this major you will learn to design, measure, and analyse software-based systems. You'll receive a strong foundation in computer science with emphasis on the gathering, design, implementation, and testing of software requirements. You will also advance your communication and collaboration skills, how to apply your knowledge and skills to invent or develop solutions to a wide range of exciting and challenging problems in industry.

Career opportunities

Careers

- Software Engineer
- Business Analyst
- Full Stack Developer
- UX Engineer
- Software Architect
- Project Manager
- IOS/Android Developer
- Software Quality Assurance Engineer

Industries

- Software Development
- Game Design and Development
- Cyber Security
- IT Analysis
- Finance and Banking
- Telecommunications
- Government
- Automotive

Course Outline *(Duration - 3 Years)*

Year 1 units

- Fundamental Concepts of Data Security
- Integrating Indigenous Science and STEM
- Introduction to Software Engineering
- Programming Design & Implementation
- Data Structures & Algorithms
- Unix & C Programming
- Linear Algebra
- Requirements Engineering

Year 2 units

- Data Communications & Network Management
- Software Engineering Testing
- Object Oriented Software Engineering
- Operating Systems
- Distributed Computing
- Mobile Application Development
- Cyber Crime & Security Enhanced Programming
- Database Systems

Year 3 units

- Human Computer Interaction
- Capstone Computing Project - Part 1
- Capstone Computing Project - Part 2
- Design & Analysis of Algorithms
- Software Engineering Concepts
- Elective units

Cyber Security

Degree

Bachelor of Computing (Cyber Security)

CRICOS CODE

0100817

This course focuses on the key concepts and challenges in data protection and computer software security. You will examine both the high - and low - level practical aspects of computer security. High-level aspects include cryptography theory, data access policy development and security program management. Low - level aspects include computer forensics, network intrusion detection and incident handling.

You will also study theory behind new developments in computing, such as Machine Learning & incident handling in network defence.

Graduates will have the skills to identify and implement appropriate applications for specific scenarios, as well as an understanding of issues related to the protection of individual rights.

Career opportunities

Careers

- Security Analyst
- Security Engineer
- Security Investigator
- Network Security Engineer
- Information Assurance Engineer
- Cryptographer
- Security Administrator

Industries

- Applications and Software Development
- E-commerce
- Healthcare
- Finance
- Manufacturing
- Education
- Government

Course Outline *(Duration - 3 Years)*

Year 1 units

- Fundamental Concepts of Data Security
- Integrating Indigenous Science and STEM
- Introduction to Software Engineering
- Programming Design & Implementation
- Data Structures & Algorithms
- Unix & C Programming
- Linear Algebra & Statistics for Engineers
- Cyber Security Concepts

Year 2 units

- Data Communications & Network Management
- Network Systems Design
- Operating Systems
- Unix Systems Programming
- Database Systems
- Cyber Crimes & Security Enhanced Programming
- Computing Topics
- Elective units

Year 3 units

- Fundamental Concepts of Cryptography
- Machine Learning
- Capstone Cyber Security Project - Part 1
- Capstone Cyber Security Project - Part 2
- Cyber Security Intrusion Detection System & Incident Handling
- Penetrating Testing & Defence
- Elective units

Information Technology

Degree

Bachelor of Information Technology

CRICOS CODE

0100818

This course will provide you with the skills and knowledge you need for a successful career in the rapidly evolving information and communications technology industry. It provides coverage of aspects of modern computing and computer networks. It covers fundamental programming and security knowledge as well as specializing in network programming and other aspects of distributed computing.

The course covers a wide range of knowledge areas in ICT, enabling students to find employement in a wider spectrum in the ICT industry or Academia.

Career opportunities

Careers

- Application Engineer
- Software Engineer
- Software Quality Assurance Engineer
- Web Developer
- IT Educationist
- Development Operations Engineer (Devops)
- Systems & Database Administrator
- Data Scientist
- IT Managers

Industries

- Applications and Software Development
- Cyber Security
- IT Analysis
- Manufacturing
- Finance
- Healthcare

Course Outline *(Duration - 3 Years)*

Year 1 units

- Fundamental Concepts of Data Security
- Integrating Indigenous Science and STEM
- Introduction to Software Engineering
- Fundamentals of Programming
- Data Structures & Algorithms
- Unix & C Programming
- Linear Algebra
- Computer Systems

Year 2 units

- Data Communications & Network Management
- Network Systems Design
- Unix Systems Programming
- Operating Systems
- Database Systems
- Computing Topics
- Elective units

Year 3 units

- Human Computer Interaction
- Capstone Computing Project - Part 1
- Capstone Computing Project - Part 2
- Distributed Networks
- Engineering Management
- Advanced Computer Communications
- Elective units

Computer Systems and Networking

Degree

Bachelor of Science (Computer Systems and Networking)

CRICOS CODE

041280C

This course will provide you with the knowledge and skills required to pursue career opportunities in this rapidly expanding field. You will learn about computer network design and development technologies focusing on the design and support of distributed computer and telecommunication networks.

The course integrates current developments in wired and wireless networking and provides a comprehensive view of the industry. You will develop skills in network design and management, and the convergence of computer hardware, embedded systems, software, and telecommunications.

Career opportunities

Careers

- Network Administrator/ Designer/ Engineer
- Infrastructure Manager
- IT Manager
- Communication Engineer
- Cloud Engineer / Architect
- Embeded Systems / SW Designer
- Information Systems Auditor
- Database Administrator
- Network Architect

Industries

- Government
- Finance and Insurance
- Professional, Scientific & Technical Services
- Public administration & Safety
- Telecommunications

Course Outline *(Duration - 3 Years)*

Year 1 units

- Linear Algebra & Statistics for Engineers
- Engineering Foundations: Principles, Design, and Communication
- Hardware Fundamentals
- Fundamentals of Programming /Programming Design & Implementation
- Data Structures & Algorithms
- Unix & C Programming
- Electronics
- Computer Systems

Year 2 units

- Data Communications & Network Management
- Transmission and Interface design
- Operating Systems
- Database Systems
- Engineering Management
- Microcomputers
- Elective units

Year 3 units

- Distributed networks
- Wireless Data Networks
- Computer Technology Project - Part 1
- Computer Technology Project - Part 2
- Network Engineering
- Embedded Systems Engineering
- Elective units

Course fee structure

To complete in Sri Lanka

July 2025 (AUD)

	Semester 1	Semester 2
Year 1	$ 4,425	$ 4,425
Year 2	$ 4,649	$ 4,649
Year 3	$ 4,738	$ 4,738
Total	$ 27,624	

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"*Studying Computing at Curtin University Colombo has been an incredible journey. The program is well-structured, combining theoretical knowledge with practical applications, which gave me a strong foundation in software development, cybersecurity, and data analytics. The supportive faculty and access to cutting-edge labs made learning even more engaging.*"

Princess Paula Doing

Bachelor of Computing (Software Engineering)

Country - Philippines

Business

We offer a world-class business education through a leading degree program. Our business program integrates cutting-edge industry practices, and strategic collaborations to equip you with the skills needed to thrive in a dynamic global market. Gain broad career options and wide-ranging expertise in marketing, finance, project management, human resources, and strategic management. With opportunities for internships, real-world projects, and international exposure, we prepare you to successfully launch your business career.

Business Administration

Degree

Bachelor of Business Administration

CRICOS CODE

018007A

The Bachelor of Business Administration is an international qualification that develops broad business knowledge, ensuring you are a highly adaptive graduate ready to pivot to the needs of industry. You'll be cross-skilled in various areas of business, ready to work in a dynamic environment.

An elite global university

The Bachelor of Business Administration (BBA) degree at Curtin University Colombo is offered through Curtin Business School, which is accredited by the prestigious AACSB (Association to Advance Collegiate Schools of Business) and holds a 4 Palmes of Excellence rating from Eduniversal. Curtin is also a signatory of the UN Principles for Responsible Management Education (PRME), reinforcing its commitment to sustainability and ethical leadership.

AACSB accreditation is a mark of distinction, awarded to business schools that meet rigorous standards of academic and professional excellence. It is recognized globally as the longest-standing and most prestigious form of accreditation a business school and its programs can achieve.

Three business specialisations to broaden your horizons

In addition to the core units, you will study three specialisations during the course. The specialisation includes International Management, Digital Marketing and Innovation and Entrepreneurship. These give the freedom to personalise your degree, and enhance your career choices and marketability in the international business arena.

Study our foundation units

In the first year of the Business degree program, you will explore core competencies in business, learn to use financial information to make informed and responsible decisions, and develop your business intelligence and analytical capabilities to interpret data in a meaningful way. You will complete management foundation units aligned to global trends, and develop skills across marketing, finance, human resources, project management and strategic management. You will graduate to meet the challenges   such as,

- Financial Decision Making
- Markets and Legal Framework
- Communication, Culture and Indigenous Perspectives in Business
- Strategic Career Design
- Analytics for Decision Making
- Introduction to Business Information Systems
- Organisational Behaviour
- Discovering Marketing
- Introduction to Finance Principles
- Project Management
- Human Resource Management

International Management specialisation

This specialization prepares students for global careers by focusing on managing international operations in cross-cultural and cross-national environments, particularly in emerging markets. Students learn to analyze the impact of both global and local environments on management, organizations, and leadership.

Social Media and Digital Marketing specialisation

Digital Marketing specialisation opens the door to digital marketing and how it applies across the dynamic world of business and beyond. You can choose to study topics including how to manage retail and e-commerce businesses, create digital marketing strategies and manage social media platforms.

Innovation and Entrepreneurship specialisation

This specialisation is designed for enterprising people who want to become entrepreneurs as founders of fast-growing businesses or work as internal corporate entrepreneurs for innovative organisations. You'll gain skills in problem solving, planning, organising, and managing innovation and develop your skills, knowledge, and expertise in starting, running and growing an entrepreneurial venture. This specialisation provides breadth in innovation, entrepreneurship, creativity, design thinking and prototyping for innovative individuals or those wishing to work as internal corporate entrepreneurs.

Career opportunities

Careers

- Entrepreneur
- Business Administrator
- Digital Marketing Specialist
- International Business Consultant
- Business Development Manager
- Retail manager
- Sales manager

Industries

- Start-ups
- Advertising and Marketing
- Diplomatic Services
- Public Sector
- Finance and Insurance

Course Outline *(Duration - 3 Years)*

Year 1 units

- Financial Decision Making
- Markets and Legal Frame Work
- Communication, Culture and Indigenous Perspectives in Business
- Strategic Career Design
- Analytics for Decision Making
- Introduction to Business Information System
- Organisational Behaviour
- Discovering Marketing

Year 2 units

- Introduction to Finance Principles
- Project Management
- Human Resource Management
- Introduction to Global Business
- Marketing Across Borders
- Responsible Management in Asia
- Business and Sustainable Development
- Entrepreneurship

Year 3 units

- Managing Change
- Management of Innovation
- Digital Marketing and E-Commerce
- Strategic Management
- Enhancing your Business Mind
- International Management
- Consumer Behaviour
- Creating Content and Marketing Briefs

Course fee structure

To complete in Sri Lanka

July 2025 (AUD)

	Semester 1	Semester 2
Year 1	$ 4,425	$ 4,425
Year 2	$ 4,649	$ 4,649
Year 3	$ 4,738	$ 4,738
Total	$ 27,624	

Disclaimer: The above mentioned course fees are applicable for degree completion in Sri Lanka and subject to review and change per Curtin University policies.

Apply for merit scholarships

Merit based scholarships at Curtin University Colombo offer financial, academic and career support, giving you more opportunities to gain new skills, expand your horizons and add to your portfolio of achievements. The scholarship has different eligibility criteria, application procedures and closing dates, so check these early.

Further information regarding Curtin University Colombo merit based scholarships can be obtained by contacting the admissions team.

"*Choosing Curtin University Colombo for my BBA was one of the best decisions I've made. The curriculum is industry-focused, and the lecturers bring real-world business experience into the classroom. The hands-on projects and case studies helped me develop critical thinking and leadership skills, preparing me for a dynamic career in business management.*"

Aisha Rubaina Ahmed

Bachelor of Business Administration

Country - Maldives

Become part of a vibrant and inclusive culture
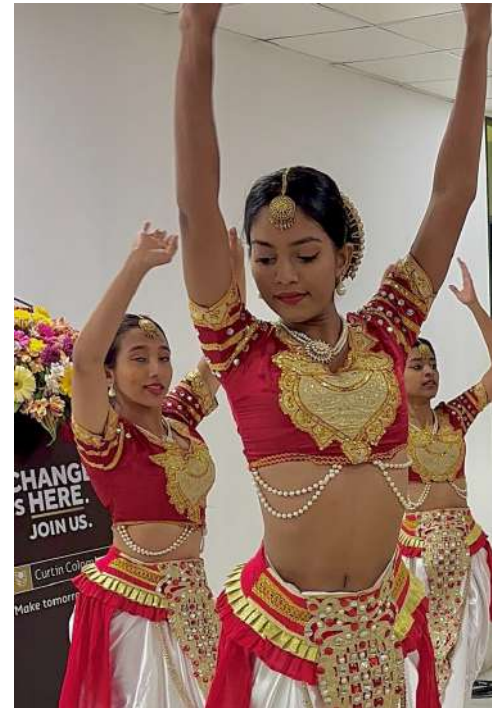
How to apply

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▼
▼

1. **Find a course**

Find the right course for you
Visit **curtincolombo.lk** or refer to our program guide and select your preferred course.

2. **Check the admission criteria**

ACADEMIC
You must achieve the minimum number of points required for your chosen course or follow the relevant foundation program to fulfill the admission criteria.

ENGLISH
A minimum of 'C' pass in ordinary or advanced level or any other accepted English score is required.

PREREQUISITES
All prerequisites of your chosen course must be met, if applicable.

3. **Apply**

To apply
Visit: curtincolombo.lk
Email: inquiries@curtincolombo.lk
Call: +94 76 555 8989 | +94 77 443 4432

Curtin University
Colombo

For more information

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