



Curtin University

Malaysia

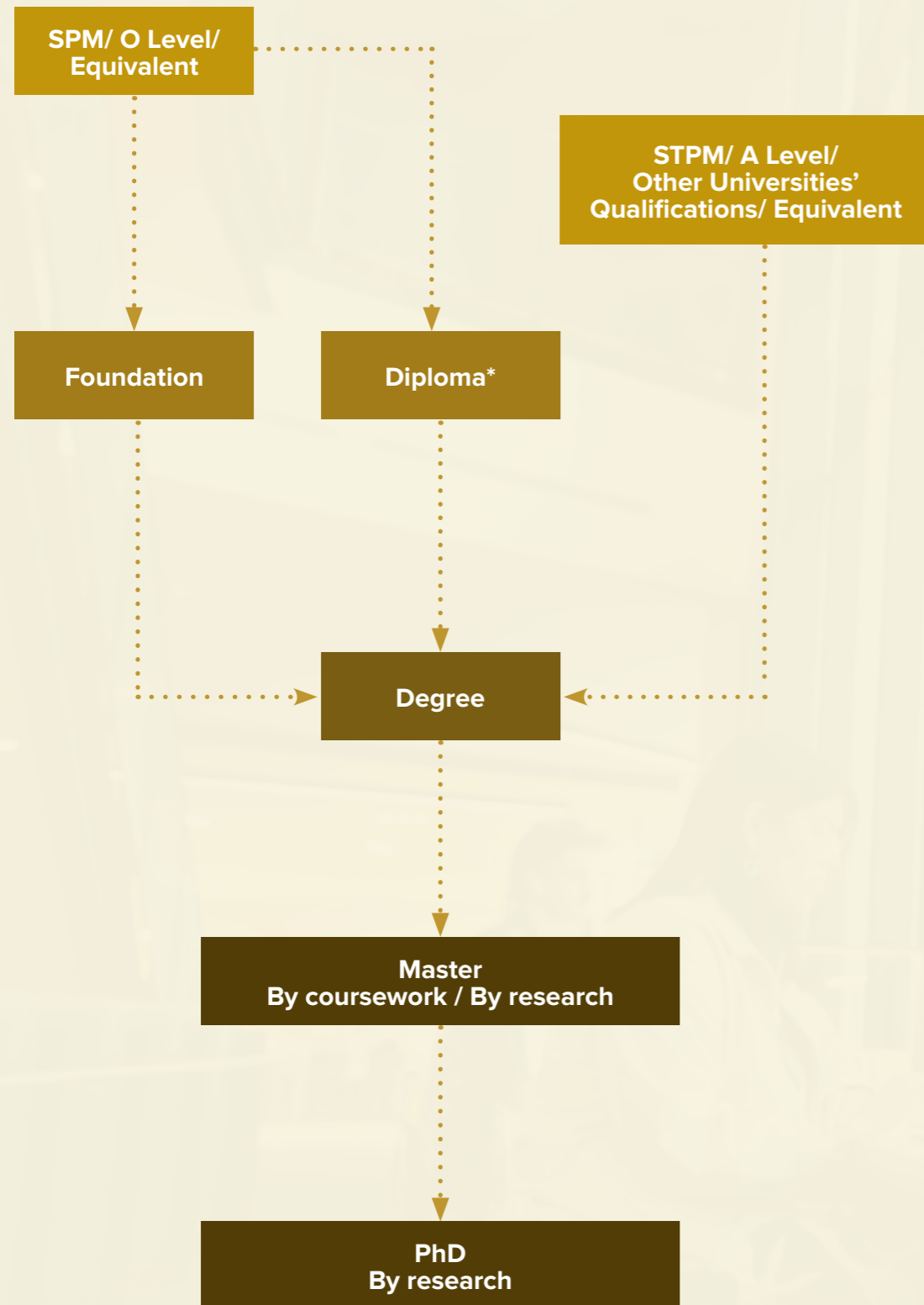
Foundation and Diploma course guide



Make tomorrow better.

curtin.edu.my/study

Find your pathway



*Direct entry into 2nd year degree, with exemptions

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Start your future career

Our courses are designed in close collaboration with industry experts to ensure you graduate with the skills and knowledge employers are looking for. Throughout your study, you'll be introduced to professional settings through work-integrated learning and internships.

Work-integrated learning

Experiential learning is highly valued by employers. At Curtin, you will gain industry-relevant experience through real projects, research initiatives and internships. You may also engage in site visits, hands-on projects or fieldwork, building practical skills that prepare you for the workforce.

Internships

Industry placements are offered in many courses, so you can gain professional work experience while you study. Depending on your course, you could intern with one of Curtin's many industry partners, local or national businesses.

Discover global opportunities

As a Curtin student, you will have the opportunity to study at another Curtin campus or at one of our many partner universities in Africa, Asia, Europe, North America or South America.

Completing some of your course in another country provides a unique cultural experience and enables you to create a valuable international network. We offer a range of global opportunities, including semester exchange, study abroad and overseas summer schools. Our transfer pathway also gives you the flexibility to start your Curtin degree in your home country, before transferring to another Curtin campus with minimal interruption to your studies. To find out more, visit curtin.edu/global-opportunities



PERTH

Perth is a stunning, vibrant and multicultural city and the ideal place to mix study with sports, activities, dining and relaxation.

Our largest campus is located just six kilometres from the city centre. It is a place of inspiration, with technology-rich learning spaces, high impact research and a wide range of courses that prepare you for your future career. To find out more, visit curtin.edu.au



MALAYSIA

Curtin Malaysia is in the centre of Miri and features a contemporary, technology-rich learning space with high-tech laboratories, research facilities and training sites. The campus offers a unique opportunity to study commerce, engineering, science, communications and health courses in one of the most biodiverse areas of the world. To find out more, visit curtin.edu.my



SINGAPORE

In one of the world's safest and most well-connected cities, and immersed in a regional economic hub, Curtin Singapore offers courses in commerce, health, science, engineering and the arts. To find out more, visit curtin.edu.sg



DUBAI

In Dubai, you can study commerce, science, health and arts courses in the Dubai International Academic City - the world's largest dedicated higher-education zone. Or, you might choose to study engineering at Dubai Silicon Oasis, the epicentre of technology and engineering. To find out more, visit curtindubai.ac.ae



MAURITIUS

In the centre of Moka City in an island paradise, Curtin offers a range of commerce, communications, design, health and science courses to study. With Mauritius' renowned biodiversity and ecology, this campus is also a stunning backdrop to study sustainability and environmentalism. To find out more, visit curtinmauritius.ac.mu



COLOMBO

In partnership with the Sri Lanka Institute of Information Technology (SLIIT), Curtin Colombo offers courses in commerce, engineering (including IT and software engineering), science and the arts. And being in the heart of Colombo City, the location provides excellent opportunities to build professional networks. To find out more, visit curtincolombo.lk

Miri City

Miri is regarded as Sarawak's most cosmopolitan city with a population of more than 356,000 comprising the entire spectrum of the state's over 34 ethnic groups, as well as a large expatriate community.

History

Miri is often referred to as the 'Oil Town of Malaysia' as it is home to the country's over 100-year-old petroleum industry, as well as Sarawak's 'Resort City' given its scenic seaside location and being the gateway city to the area's world renowned natural attractions.

Culture diversity

Known as Bumi Kenyalang or 'Land of the Hornbills', Sarawak is Malaysia's largest state and home to some 34 ethnic groups making up a population of close to 2 million; each with its own distinct language, culture and lifestyle.

Weather

Malaysia is an equatorial country, with fairly uniform temperatures throughout the year. It is mostly summer all-year round and only a short rainy season in the latter months. The average daily temperatures range from 23°C - 32°C.

Nature

A major tourism gateway and base to explore Sarawak's most spectacular natural attractions such as beaches, rainforests and national parks. Sarawak is renowned for its natural beauty and attractions, which include the famous Mulu Caves, a UNESCO World Heritage Site.

We are also a popular diving destination due to the abundance of spectacular patch reefs.

Accommodation

A range of stays will help you to experience more of Miri, which includes 5-star hotels, boutique inns and also localised homestays. This will make your experience in Miri quite exceptional.

Dining

In Miri, we have diverse cuisines to satisfy your taste buds. It varies from hawker food, local cuisine and also international franchises.

Leisure

Leisure in Miri consists of a splendid waterfront, marina, shopping malls, two 18-hole golf courses, and sports recreation such as bowling and archery. Miri is also home to two of Malaysia's premier annual international and music festivals, Borneo Jazz and Miri Country Music Festival.



Life at Curtin Malaysia

Experience an exciting and fulfilling university life with so much to do and see. To ensure it's not a daunting one, Curtin Malaysia offers a range of services and support programs to make your time at university enjoyable, inclusive and productive.



Curtin Malaysia campus map

1,200 acres



- | | | | | | | | |
|--|---|--|---|---|---|--|--|
| <p>1 HERON 1</p> <ul style="list-style-type: none"> John Curtin Building Campus Reception Administration Office Campus Security Student Centre International Student Office | <p>4 HERON 4</p> <ul style="list-style-type: none"> Azman Islamic Centre | <p>8 FALCON 4</p> <ul style="list-style-type: none"> Library & Auditorium Complex The Library The Auditorium | <p>12 PRINIA 1</p> <ul style="list-style-type: none"> Health, Counselling & Disability Services Office R&D Office Student Learning Commons Foundation Learning Space Radio Courts Faculty of Humanities and Health Science | <p>15 SKYLARK 1</p> <ul style="list-style-type: none"> Faculty of Engineering and Science Engineering & Science Labs | <p>18 HORNBILL 1</p> <ul style="list-style-type: none"> ICT Labs ICT Helpdesk | <p>22 KINGFISHER 3 (Sibuti)</p> <ul style="list-style-type: none"> On-campus Accommodation | <p>26 KINGFISHER 7 (Lambir)</p> <ul style="list-style-type: none"> On-campus Accommodation |
| <p>2 HERON 2</p> <ul style="list-style-type: none"> Lance Twomey Building Faculty of Business Curtin Trading Room Collaborative Learning Room Office of Learning and Teaching | <p>5 FALCON 1</p> <ul style="list-style-type: none"> Harry Perkins Lecture Theatre | <p>9 FALCON 5</p> <ul style="list-style-type: none"> Kafa Kanyalang | <p>13 PRINIA 2</p> <ul style="list-style-type: none"> Cinema Lite Media Lab School of Pre-U and Continuing Education (SPACE) | <p>16 SKYLARK 2</p> <ul style="list-style-type: none"> Faculty of Engineering and Science Engineering & Science Labs | <p>19 HORNBILL 2</p> <ul style="list-style-type: none"> Engineering Studio Curtin Malaysia Graduate School Curtin Malaysia Research Institute | <p>23 KINGFISHER 4 (Mulu)</p> <ul style="list-style-type: none"> On-campus Accommodation | <p>27 KINGFISHER 8&9</p> <ul style="list-style-type: none"> On-campus Accommodation |
| <p>3 HERON 3</p> <ul style="list-style-type: none"> Recreation & Event Centre Indoor Sport & Gym | <p>6 FALCON 2</p> <ul style="list-style-type: none"> Student Drop-off Zone Shops Student Council Office The Bookshop/Mail & Courier Services Retail Services Office | <p>10 FALCON 6</p> <ul style="list-style-type: none"> Engineering Research Lab | <p>14 PRINIA 3</p> <ul style="list-style-type: none"> Dr. Shamsul Kamariah Distributed Learning Rooms | <p>17 SKYLARK 3</p> <ul style="list-style-type: none"> Faculty of Engineering and Science Distributed Learning Room Collaborative Learning Space High Performance Labs | <p>20 KINGFISHER 1 (Loagan Bunut)</p> <ul style="list-style-type: none"> On-campus Accommodation | <p>24 KINGFISHER 5</p> <ul style="list-style-type: none"> Multipurpose Hall | <p>28 CURTIN WATER</p> <ul style="list-style-type: none"> Off-campus Accommodation |
| | <p>7 FALCON 3</p> <ul style="list-style-type: none"> Focal Court | <p>11 FALCON 7</p> <ul style="list-style-type: none"> Curtin Aquaculture Research Laboratories | | | <p>21 KINGFISHER 2 (Samalaju)</p> <ul style="list-style-type: none"> On-campus Accommodation | <p>25 KINGFISHER 6 (Niah)</p> <ul style="list-style-type: none"> On-campus Accommodation | <p>29 AUSTRALIA AVENUE</p> |
| | | | | | | | <p>30 SARAWAK BIOVALLEY PILOT PLANT</p> |

Accommodation

Safe, convenient and affordable, close to shop area, services and public amenities.

Accommodation to suit your needs

Need a place to stay? Curtin Malaysia can help you find accommodation either on or off-campus. Safe, comfortable and modern accommodation is available to suit a range of budgets.

Curtin Malaysia currently has four student accommodation options: Kingfisher 1-9 (on-campus) and Curtin Water 2 (in the immediate neighbourhood). Alternatively, Residence Office can assist you to arrange private accommodation close to the campus. Rental will vary depending on the type of accommodation and location.

To find out more about accommodation, visit accommodation.curtin.edu.my

On-campus accommodation

Our on-campus accommodation is a popular way to stay close to the campus and reap all the benefits. Due to high demand, we recommend you apply for student housing as soon as you apply to study at Curtin Malaysia.

Want more options?

Living off-campus may be the answer. A range of accommodation options are available in the suburbs surrounding the Curtin Malaysia campus. You'll benefit from close proximity to public amenities and shopping, with rental prices varying depending on the type and location of the accommodation you choose.



Facilities	Residence	Kingfisher 1	Kingfisher 2-7	Kingfisher 8 and 9	Curtin Water 2
Room types		Apartment	Dormitory flat	Apartment	Double storey/terrace type
No. of beds		72	231	220	226
Utilities allowances		RM80/month	RM80/month	RM80/month	RM80/month
Internet access		✓	✓	✓	✓
Kitchen facilities (Refrigerator & cooking stoves)		✓	✓	✓	✓
Laundry		Coin operated	Coin operated	Coin operated	Coin operated
Parking		RM10/sem	RM10/sem	RM10/sem	RM10/sem
Security & shuttle services		✓	✓	✓	✓
Distance to campus		On-campus	On-campus	On-campus	3.5km



Foundation studies



Curtin Malaysia's foundation courses are intensive, focused courses which guarantee entry to the University upon successful completion. Students achieving the necessary results and any additional requirements in their foundation year will receive offers of places in the undergraduate degrees of their choice.

Why foundation studies?

- Provides a solid foundation for students to adapt to university studies and the undergraduate courses of their choice
- Academic support in the form of additional workshops, tutorials and mentorship with lecturers
- Modern, diversified teaching methods including workshops, introduction to research methods, modern laboratory projects, group projects, oral and multimedia presentations
- Advanced technological support facilities such as a modern library, well-equipped laboratories, distributed learning spaces using the latest teaching technologies, online learning resources
- Low student-lecturer ratio in classrooms
- Highly qualified and experienced academic staff.

Minimum English entry requirements

Results for IELTS and TOEFL are valid for two years.

Qualification	IELTS ^{#1} / IELTS Indicator	Test of English as a foreign language (TOEFL) (IBT) ^{#2}	SPM English ^{#3}	GCE 'O' Level ^{#4}	PTE academic (Pearson Test of English Academic) ^{#5}	MUET	*Linguaskill general test ^{#6}
Score	Overall 5.5 (no individual band below 5.0)	65	B	C	Overall 51	Band 4 and no less than 220 in aggregate score; minimum individual skill score not less than 47	Total score of 162 or more with no individual score below 154

*Please note we only accept results of Linguaskill booked through Curtin University.

- Applicants with IELTS/ IELTS Indicator 5.0 (no individual band below 5.0) are required to take Academic English concurrently with the foundation program.
- Applicants with TOEFL less than 65 but achieved 60 (or above) are required to take Academic English concurrently with the foundation program.
- Applicants with SPM English 'C' are required to take Academic English concurrently with the foundation program.
- Applicants with GCE 'O' Level 'D' are required to take Academic English concurrently with the foundation program.
- Applicants with PTE academic less than 51 but achieved 36 (or above) are required to take Academic English concurrently with the foundation program.
- Applicants with total score of Linguaskill equal or less than 154 (no individual score below 147) are required to take Academic English concurrently with the foundation program. Please note we only accept results of Linguaskill booked through Curtin University. Email: cm.space@curtin.edu.my for more details.

Foundation in Engineering and Science

JPT/BPP(R3/0011/3/00035)(04/30)(A5812)

This course prepares students for undergraduate studies in Engineering and Science (including Computing; Technology; Applied Geology and Health, Safety and Environment).

Admission requirements

Qualification	Minimum entry requirements	
	Engineering stream	Science stream
SPM	Five (5) credits including English, Mathematics and Physics	Five (5) credits including English, Mathematics and one (1) Science subject (Physics or Chemistry or Biology or General Science)
GCE 'O' LEVEL	Five (5) Cs including English, Mathematics and one (1) Science subject (Physics or Chemistry or Biology or General Science)	Five (5) Cs including English, Mathematics and one (1) Science subject (Physics or Chemistry or Biology or General Science)
UEC	Grade B in three (3) relevant academic subjects and English competency	Grade B in three (3) relevant academic subjects and English competency

Foundation common core units	
	<ul style="list-style-type: none"> Writing and Research Skills Critical Thinking Effective Communication Skills Information and Communication Technology.

Engineering core	Science core
Mathematics 2	Mathematics 1
Physics 1	Mathematics 2
Physics 2	Programming
Programming	Introduction to Management

Pathways to field of study in degree		
Bachelor of Engineering	Bachelor of Computing/Technology	Bachelor of Science (Health, Safety and Environment)
Mathematics 3	Mathematics 3	Chemistry
Chemistry	Economics	Human Biology

Foundation in Arts and Commerce

JPT/BPP(R3/0011/3/0037)(04/30)(MQA/SWA0757)

This course prepares students for undergraduate study in commerce, business administration, communications, psychological science and construction management. It provides two pathways of studies – business and humanities core.

Admission requirements

Qualification	Minimum entry requirements
SPM	Five (5) credits including English or five (5) credits and English competency
GCE 'O' Level	Five (5) Cs and English competency
UEC	Grade B in three (3) relevant academic subjects and English competency

Foundation common core units	
	<ul style="list-style-type: none"> Writing and Research Skills Critical Thinking Effective Communication Skills Information and Communication Technology.

Course structure

Business core	Humanities core
Economics	Economics
Mathematics 1	Mathematics 1
Accounting	Introduction to Media and Communication Studies
Introduction to Business Studies	General Psychology

Pathways to field of study in degree		
Bachelor of Commerce/ Bachelor of Business Administration Bachelor of Applied Science (Construction Management)	Bachelor of Communications	Bachelor of Science (Psychological Science)
Mathematics 2	Travel Writing and Photography	Mathematics 2
Introduction to Management	Introduction to Screen Production	Human Biology

Diploma studies



Curtin offers a range of diploma courses, designed to support your future aspirations, and may enable you to gain entry to degrees awarded by Curtin. Our diploma programs are designed to provide you with the necessary skills that will make you more employable in the workplace and give you a head start in your career. If you're already employed, our courses will give you the know-how you need to progress in your profession and become eligible for more senior roles. Studying at Curtin will open up a whole new world of opportunities for you; you will not only gain a highly valued qualification but you will also build life-long friendships, and create lasting memories.

Diploma Courses

- Commerce
- Information Technology
- Media Studies
- Aquaculture.

Why study a diploma at Curtin?

- Curtin is in the top 1% of universities worldwide in the highly regarded 2024 Academic Ranking of World Universities (ARWU).

- Acquire invaluable learning experiences with experts at one of the most beautiful campuses with state-of-the-art facilities.
- Our courses will equip you with the relevant skills, knowledge and understanding to make progress in your chosen career.
- Students who successfully complete the course will be eligible to join degree courses at Curtin Malaysia, with advanced standing.



Course essentials

Course duration	Study mode	Location	Intakes
2 years full-time (6 Trimesters)	On-campus	Malaysia	March July October

English competency

Qualification	IELTS	Test of English as a foreign language (TOEFL) (IBT)	SPM English	IGSCE/GCE O Level ^{#4}	UEC	MUET	Linguaskill general
Score	Overall 5.0 (all bands min 5.0)	42	C	D	B4	Band 3.5 and no less than 188 in aggregate score; minimum individual skill score not less than 47	Total score of 154 (min 147)

Entry requirements

Qualification	Minimum entry requirements		
	Diploma of Commerce / Media Studies	Diploma of Information Technology	Diploma in Aquaculture
SPM	Three (3) credits including English competency	Three (3) credits including Mathematics and English competency	Three (3) credits including Mathematics, one Science subject and one other subject, and English competency
GCE 'O' LEVEL	Three (3) credits and English competency	Three (3) credits including Mathematics and English competency	Three (3) credits including Mathematics, one Science subject and one other subject, and English competency
UEC	Grade B in three (3) relevant academic subjects including English competency	Grade B in three (3) relevant academic subjects including Mathematics and English competency	Grade B4 in three (3) relevant academic subjects including Mathematics, one Science subject and one other subject, and English competency
STPM	Minimum of Grade C (GP2.0) in any subject	Minimum of Grade C (GP2.0) in any subject and a credit in Mathematics	Minimum of Grade C (GP2.0) in any subject and possess SPM with three (3) credits in Mathematics, one science subject and one other subject

MPU units

All students	
<ul style="list-style-type: none"> • Introduction to Community Service • Constitution and Society • Introduction to Digital Entrepreneurship OR • Bahasa Kebangsaan A.* 	
Local students	International students
Philosophy and Current Issues	Bahasa Melayu Komunikasi 1

*Bahasa Kebangsaan A is compulsory for students who did not achieve credit in SPM Bahasa Melayu. Students taking Bahasa Kebangsaan A do not need to take Introduction to Digital Entrepreneurship (exemption).

Commerce



Career opportunities

- Accountant
- Advertising officer
- Business analyst
- Human resource officer
- Recruitment consultant

Diploma of Commerce

JPT/BPP(N/0410/4/0047)(05/27)(MQA/PSA15173)

The course aims to provide students with broad business knowledge, covering areas such as economics, accounting and finance, marketing, management and technology.

It equips students with a diverse range of skills including communication, critical thinking, cross-culture awareness, lifelong learning and decision-making skills. The course prepares students for employment in all sectors and industries, as well as pathway to a business degree program.

Students who successfully complete the Diploma of Commerce program will be eligible for admission to Bachelor of Commerce and Bachelor of Business Administration at Curtin Malaysia, with advanced standing.

Learning outcomes

A graduate of this course can:

- understand the principles underlying good business practices
- apply theories and concepts to solve problems in business
- demonstrate practical skills in the management of commercial enterprises
- communicate effectively, in written and oral forms, individually or in a team, with diverse stakeholders
- use relevant technologies to interpret data for generation of innovative solutions
- demonstrate autonomy and leadership qualities in managing responsibilities
- pursue lifelong learning and develop entrepreneurial skills to adapt to evolving trends and challenges in business
- understand and adhere to the principles of professional ethics and sustainable development in local and international business environments.

Course organisation

Year 1 of the diploma program contains four English language and academic diligence enabling units which are aimed at developing a range of generic skills in students including writing and speaking skills, critical thinking and research skills. In addition, students also study foundation areas of accounting, economics, management, marketing technology and statistics.

In Year 2, students will explore value creation in business, learn to use financial information to make informed and responsible decisions, and develop business intelligence and analytical capabilities to interpret data in a meaningful way.

Towards the end of the program, through the industrial training students will gain the practical skills and experience they need to be confident and industry-ready when they graduate.

Units offered

- Academic Writing Skills
- Effective Communication Skills
- Introduction to Information Technology
- Introduction to Business Management
- Introduction to Research Projects
- Critical Thinking Skills
- Introduction to Statistics
- Introduction to Accounting
- Principles of Economics
- Fundamentals of Business Mathematics
- Market and Legal Frameworks
- Communication, Culture and Indigenous Perspectives in Business
- Strategic Career Design
- Financial Decision Making
- Analytics for Decision Making
- Industrial Training
- Introduction to Finance Principles
- Organisational Behaviour
- Consumer Behaviour.

Information Technology

Diploma of Information Technology

JPT/BPP(N/0611/4/0128)(05/27)(MQA/PSA15172)

The course aims to provide students with computing knowledge, covering areas such as planning, implementation, configuration and maintenance of an organisation computing infrastructure. It equips students with skills including communication, critical thinking, cross-culture awareness, and lifelong learning.

The course prepares students for employment in all sectors and industries, as well as pathway to a computing degree program. Students who successfully complete the Diploma of Information Technology program will be eligible for admission to Bachelor of Computing and Bachelor of Technology at Curtin Malaysia, with advanced standing.

Learning outcomes

A graduate of this course can:

- understand the principles of good information technology practices in the IT industry
- apply theories and concepts to solve problems in IT industry
- demonstrate practical skills in the management of IT industry
- communicate effectively, in written and oral forms, individually or in a team, with various stakeholders
- use relevant technologies to interpret data for generation of innovative solutions
- demonstrate autonomy and leadership qualities in managing responsibilities
- pursue lifelong learning and develop entrepreneurial skills in IT related field
- understand and adhere to the principles of professional ethics and sustainable development in local and international environments.

Course organisation

Year 1 of the diploma program contains four English language and academic diligence enabling units which are aimed at developing a range of generic skills in students including writing and speaking skills, critical thinking and research skills. In addition, students also study foundational units in information technology, programming and engineering mathematics.

In Year 2, students will further develop their programming skills and study the fundamental theoretical knowledge of computing. Topics covered include C++, Java, Linux and object oriented programming.

Students have an optional unit to choose in the area which they plan to do specialised degree study at Curtin University.

Towards the end of the program, through the industrial training students will gain the practical skills and experience they need to be confident and industry-ready when they graduate.)

Units offered

- Academic Writing Skills
- Effective Communication Skills
- Mathematics
- Introduction to Information Technology
- Introduction to Research Projects
- Critical Thinking Skills
- Programming Design and Implementation
- Introduction to Statistics
- Computer Organisation and Architecture
- Fundamentals of Database Systems
- Unix and C Programming
- Introduction to Software Engineering
- Fundamental Concepts of Data Security
- Linear Algebra and Statistics for Engineers
- Introduction to Programming
- Data Structures and Algorithms
- Integrated Indigenous Science and Stem
- Cyber Security Concepts
- Requirements Engineering
- Industrial Training.

Career opportunities

- IT support specialist
- Network & system administrator
- Programmer
- System design
- Telecommunications manager

Media Studies



Career opportunities

Artist

Editor

Film maker

Journalist

Web developer

Diploma of Media Studies

JPT/BPP(N/0211/4/0183)(05/27)(MQA/PSA15171)

The course aims to train students for media and communication roles, develop their critical thinking skills and practical work which models industry practices. It introduces students to the areas of web media, journalism and screen production. The course also provides students a pathway to continue their studies.

Students who successfully complete the Diploma of Media Studies program will be eligible for admission to the Bachelor of Communications at Curtin Malaysia, with advanced standing.

Learning outcomes

A graduate of this course can:

- understand the principles of effective media practices in the media industry
- apply theories and concepts to solve problems in media industry
- demonstrate practical skills in the management of media production and distribution
- communicate effectively, in written and oral forms, individually or in a team, with diverse stakeholders
- use relevant technologies to interpret data for generation of innovative solutions
- demonstrate autonomy and leadership qualities in managing responsibilities
- pursue lifelong learning and develop entrepreneurial skills to adapt to the evolving landscape of the media industry
- understand and adhere to the principles of professional ethics and sustainable development in local and international environments.

Course organisation

Year 1 of the diploma program contains four English language enabling units and foundation areas of media and communication, journalism, visual culture and screen production.

In Year 2, students will expand skills and knowledge in the area web and screen communication, media and journalism.

Towards the end of the program, through the industrial training, students will gain the practical skills and experience they need to be confident and industry-ready when they graduate.

Units offered

- Academic Writing Skills
- Effective Communication Skills
- Introduction to Digital Technologies and Design
- Introduction to Media and Communication Studies
- Introduction to Research Projects
- Critical Thinking Skills
- Introduction to Visual Culture
- Introduction to Screen Production
- Introduction to Journalism
- Travel Writing and Photography
- Academic and Professional Communications
- Engaging Media
- Introduction to Screen Industries
- Introduction to Journalism - Broadcast
- Introduction of Journalism - Writing
- Culture to Cultures
- Web Communications
- Introduction to Screen Creativity
- Industrial Training.

Aquaculture

Career opportunities

- Aquaculture entrepreneur
- Aquaculture technician
- Researcher
- Research assistant
- Aquafeed production officer

Diploma In Aquaculture

JPT/BPP(N/0831/4/0004)03/29(MQA/PSA17364)

The two-year diploma focuses on aquaculture in farming and management. It equips students with scientific knowledge in aquaculture and specialised skills in aquaculture farming and practice. The structure of this course integrates the scientific aspects of aquaculture in breeding, production, processing, design of aquaculture system and farming management to ensure development of food security.

The learning activities in the course will be based primarily at the Curtin Aquaculture Research Lab (CARL) which allows for engaging and practical on-farm experiences.

Why Diploma in Aquaculture at Curtin Malaysia?

- Learn in the new industry standard Curtin Aquaculture Research Laboratory (CARL)
- Gain practical skills on campus and through on-farm learning experiences
- Learn from Curtin's highly qualified aquaculture experts.

Learning outcomes

A graduate of this course can:

- understand the principles of good aquaculture practices and system
- apply theories and concepts to solve problems in aquaculture system management
- demonstrate practical skills in the management of aquaculture farming
- communicate effectively, in written and oral forms, individually or in a team, with various stakeholders
- use relevant technologies to interpret data for generation of innovative solutions
- demonstrate autonomy and leadership qualities in managing responsibilities
- pursue lifelong learning and entrepreneurial skills
- understand and comply to the principles of professional ethics and sustainable development in local and international environments.

Course organisation

Year 1 of the diploma program contains two English language and academic diligence enabling units which are aimed at developing a range of generic skills in students including writing, speaking, thinking, numeracy and information technology. In addition, students also study scientific knowledge in aquaculture and fisheries, biology in fish and water quality monitoring.

In Year 2, students will explore knowledge in aquaculture farming and practice, including learning to breed fish with a focus on nutrition, fish feed and pond construction. Towards the end of the program, students will gain practical skills and experiences through industrial training, ensuring they are industry-ready.

Units offered

- Academic Writing Skills
- Critical Thinking Skills
- Introduction to Aquaculture and Fisheries
- Biology in Fishes
- Introduction to Statistics
- Fish and Shellfish Nutrition
- Fish Breeding and Larviculture
- Coastal and Marine Aquaculture
- Effective Communication Skills
- Introduction to Information Technology
- Fish Health Management
- Fish Feed Technology
- Water Quality and Aquatic Toxicology
- Live Feed Culture
- Fish and Fishery Product
- Pond Construction and Management
- Fundamentals of Geographic Information Systems
- Introduction to Business Management
- Industrial Training.

How to apply

The easiest way to apply is through our online application process.

1. Visit curtin.edu.my
2. Click on "Apply"
3. Scroll down and click "Apply Now"
4. Click "Register and Apply"
5. Fill in all the required details from **step 1 to step 5** and click submit.



1. Select your course

Find your course at curtin.edu.my/study

2. Check the admission criteria

Academic criteria

Ensure you meet the specific entry requirements for your course (including prerequisites for undergraduate degrees) at curtin.edu.my/study/admission-requirements/

English

Check your country's equivalent English competency criteria at link.curtin.edu.my/eler

3. Apply

First, get electronic copies of your qualifications and English language proficiency documents. The following documents will be needed during your application:

- a. Qualification documents (transcript and award)
- b. English qualification documents
- c. Identification document (IC/ Passport).

Applying through an agent:

You may submit an application through a registered Curtin agent. To find an agent in your country, see curtin.edu.my/study/representatives/

Applying online:

If you'd rather not apply through an agent, find your course at curtin.edu.my/study and click APPLY NOW. From here, you can begin the online application process. Make sure your documents are ready to upload.

Successful applicants will receive an offer package, which explains how to accept Curtin's offer and enrol. Once your enrolment is complete, you'll receive your Confirmation of Enrolment.

4. We're here to help

For international students:

internationalstudentrecruitment@curtin.edu.my

For domestic students:

domesticstudentrecruitment@curtin.edu.my

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worldwide
in QSWUR rankings
(QSWUR 2026)

**TOP
200**

for Graduate
Employability
(QSWUR 2025)

30

subjects ranked in
QSWUR by Subject
(QSWUR 2025)

**TOP
1%**

worldwide
in ARWU rankings
(ARWU 2025)

For more information

Curtin University, Malaysia

CDT 250, 98009 MIRI
SARAWAK.

Tel : +60 85 63 0100 (General Line)
: +60 85 63 0000 (Student enquiries)
Fax : +60 85 63 0288
Email : enquiries@curtin.edu.my



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