Undergraduate Programmes



About Us

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UTP is the first and only private university in Malaysia to be rated a maximum 5-star overall rating in the QS StarsTM University Rating System.

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Programmes Offered

Engineering

Chemical Engineering	4 years	JPT/BPP(R/524/6/0031)11/19
Civil Engineering	4 years	JPT/BPP(R/526/6/0089)02/20
Computer Engineering	4 years	JBT/BPP(N/523/6/0274)12/20
Electrical & Electronics Engineering	4 years	JPT/BPP(R/523/6/0198)11/19
Mechanical Engineering	4 years	JPT/BPP(R/521/6/0080)11/19
Petroleum Engineering	4 years	JPT/BPP (R/524/6/0009)02/17

Science

Applied Chemistry	3.5 years	JPT/BPP(N/545/6/0049)09/19
Applied Physics	3.5 years	JPT/BPP(N/441/6/0005)09/19

Technology

Business Information System	3.5 years	JPT/BPP(R/481/6/0478)11/19
Information Communication Technology	3.5 years	JPT/BPP(N/481/6/0479)11/19
Petroleum Geoscience	4 years	JPT/BPP(R/544/6/0002)01/19









Specialisation

Engineering

Chemical Engineering

- Environmental & Sustainable Engineering
- Gas & Petrochemical Engineering
- Process Analysis Control
- · Process Plant Engineering
- Process Plant Safety

Civil Engineering

- · Coastal Engineering
- Environmental Pollution Control
- Offshore Engineering
- Sustainable Development & Construction

Computer Engineering

- Scalable Computing
- Wireless Communications

Electrical & Electronics Engineering

- Communication Systems
- Embedded Systems
- Instrumentation and Control
- Microelectronics
- Power Systems Engineering

Mechanical Engineering

- Automotive
- Deepwater Engineering
- Energy
- Facilities & Plant Engineering
- Manufacturing
- Materials

Petroleum Engineering

- Drilling Engineering
- Production Technology
- Reservoir Studies

Science

Applied Chemistry

- Nanotechnology
- Petrochemistry
- Sustainable Chemistry

Applied Physics

- Nanotechnology
- Oil & Gas Exploration
- Renewable Energy

Technology

Business Information System

- Enterprise System
- Knowledge Management

Information & Communication Technology

- Multimodal System
- Software Engineering

Petroleum Geoscience

- Basin Reservoir Studies
- Exploration Geophysics

Entry Requirements

ENGINEERING, PETROLEUM GEOSCIENCE & SCIENCE

STPM

 Pass STPM with minimum Principal C (or 2.00) in Mathematics, Physics and Chemistry; OR

· A-Level or equivalent

 Pass A-Level with minimum Grade C or 60% and above in Mathematics, Physics and Chemistry;
 OR

• International Baccalaureate (IB)

 Pass International Baccalaureate (IB) with minimum 24 points including at least Point 4 in Mathematics, Physics and Chemistry; OR

Foundation in Relevant Field from Universiti Teknologi PETRONAS

 Pass Foundation Programme in relevant field from Universiti Teknologi PETRONAS with minimum final CGPA of 2.00/4.00: OR

Foundation in Relevant Field from a Recognised Institution

 Pass Foundation Programme in relevant field from an Institution which is recognised by the Malaysian Government with minimum final CGPA of 3.00/4.00; OR

Matriculation in Relevant Field from a Recognised Institution

 Pass Matriculation Programme in relevant field from an Institution which is recognised by the Malaysian Government with minimum final CGPA of 3.00/4.00; OR

• Australian Matriculation Programme

 Pass Australian Matriculation Programme with minimum Grade C (OR 60%) in Mathematics or Specialised Mathematics, Physics and Chemistry; OR

Diploma in Relevant Field from a Recognised Institution

 Pass Diploma Programme in relevant field from an Institution which is recognised by the Malaysian Government with minimum final CGPA of 3.00/4.00; OR

Other Equivalent Qualification Recognised by the Malaysian Government.

- Refer to chart at MQA website





TECHNOLOGY

STPM

- Pass STPM with minimum Principal C in Mathematics and any two (2) non-language subjects AND
- At least a final CGPA of 2.00/4.00; AND
- At least Grade C in Mathematics at SPM; OR

· A-Level or equivalent

 Pass A-Level with minimum Grade C or 60% and above in Mathematics and any other two (2) non-language subjects; AND minimum Grade C in Mathematics at SPM: OR

International Baccalaureate (IB)

 Pass International Baccalaureate (IB) with minimum Point 4 in Mathematics and any other two (2) non-language subjects; OR

Matriculation

- Pass Matriculation Programme in relevant field from an Institution which is recognised by the Malaysian Government with minimum final CGPA of 2.00/4.00; AND
- Minimum Grade C in Mathematics at SPM; OR

Foundation in Relevant Field from Universiti Teknologi PETRONAS

- Pass Foundation Programme in relevant field from Universiti Teknologi PETRONAS with minimum final CGPA of 2.00/4.00; AND
- Minimum Grade C in Mathematics at SPM; OR

Foundation in Relevant Field from a Recognised Institution

- Pass Foundation Programme in relevant field from an Institution which is recognised by the Malaysian Government with minimum final CGPA of 2.00/4.00: AND
- Minimum Grade C in Mathematics at SPM: OR

Diploma in Relevant Field from a Recognised Institution

- Pass a Diploma Programme in relevant field from an Institution which is recognised by the Malaysian Government with minimum final CGPA of 2.00/4.00; AND
- Minimum Grade C in Mathematics at SPM; OR

• Australian Matriculation Programme

 Pass Australian Matriculation Programme with minimum Grade C (OR 60%) in Mathematics OR Specialised Mathematics and any other two (2) non-language subjects; OR

Other Equivalent Qualification Recognised by the Malaysian Government.

- Refer to chart at MQA website

Additional Requirements

MALAYSIAN STUDENTS

- Candidate must be a Malaysian citizen.
- Application must be made using the final examination semester results.
- Minimum Grade C (Credit) in Bahasa Melayu at SPM.
- Minimum Grade C (Credit) in Bahasa Inggeris at SPM **AND** Band 3 in Malaysian University English Test (MUET).

INTERNATIONAL STUDENTS

IELTS score of 5.0 or TOEFL paper based score 500 or equivalent.





Graduation Requirements

Students are required to obtain a minimum CGPA of 2.00/4.00 and complete minimum credit hours for respective programmes as listed below:

Programmes	Minimum Credit hours		
Bachelor of Engineering (Hons)	145		
Bachelor of Science (Hons)	128		
Bachelor of Technology (Hons)	127		
Bachelor of Technology (Hons) Petroleum Geoscience	140		



Graduate Prospect

Career opportunities for our graduates are enormous from various industries such as oil and gas, petrochemical, pharmaceutical, food and cosmetic as well as other sectors such as government, academia and R&D sectors.

Investment

MALAYSIAN	Engineering	Geoscience	Science	Technology	
Duration	4 years	4 years	3.5 years	3.5 years	
Credit Hours	145	140	128	127	
Cost per Credit Hour	MYR 413	MYR 413	MYR 413	MYR 413	
*Estimated Tuition Fees per Semester	MYR 9,875	MYR 10,125	MYR 10,125	MYR 9,875	
*Estimated Tuition Fees per Year	MYR 19,750	MYR 20,250	MYR 20,250	MYR 19,750	
*Estimated Hostel Fees per Month	MYR 260	MYR 260	MYR 260	MYR 260	
(base on twin sharing)					
*Estimated Total Fees for whole duration	MYR 79,000	MYR 81,000	MYR 71,000	MYR 69,000	
(Registration, Tuition Fees, Annual Fees,					
Hostel, Visa, Insurance etc)					

INTERNATIONAL	Engin	eering	Geo	science	Sc	ience	Tech	nology	
Duration	4 Years		4 Years		3.5 Years		3.5 Years		
Credit Hours	1	145		140		128		127	
Cost per Credit Hour	MYR USD	485 <i>120</i>	MYR USD		MYR USD		MYR USD	485 <i>120</i>	
*Estimated Tuition Fee per Semester	MYR USD	12,250 <i>2,950</i>		12,500 <i>3,000</i>		12,500 <i>3,000</i>		12,250 <i>2,950</i>	
*Estimated Tuition Fees per Year	MYR USD	24,500 <i>5,900</i>		25,000 <i>6,000</i>		25,000 <i>6,000</i>	MYR USD	24,500 <i>5,900</i>	
*Estimated Hostel Fees per Month (base on twin sharing)	MYR USD		MYR USD		MYR USD		MYR USD	260 <i>65</i>	
*Estimated Total Fees for whole duration (Registration, Tuition Fees, Annual Fees, Hostel, Visa, Insurance etc)				100,000 <i>24,000</i>					

^{*}Note: The amount shown above is only an estimation. The actual amount may vary. The fee stated is applicable as to the date of printing. The University reserves the right to revise the fee as and when deem necessary. Rate for USD $1 = MYR \ 4.20$.

Financial Assistance

The University will assist needy students in applying for financial aid and grants for their studies from various sources including Perbadanan Tabung Pendidikan Tinggi Nasional, state foundations, public agencies and private companies. Further enquiries on financial aid can be directed to Sponsorship Unit.

List of Financial Aid / Sponsorship

- Agilent Technologies Sdn Bhd
- British American Tobacco Malaysia Foundation
- ECM Libra Foundation
- Employees Provident Fund (EPF)
- Gamuda Learning Centre
- Hicom Industrial Estate
- Intel Technologies Sdn Bhd
- Jabatan Perkhidmatan Awam (JPA)
- Lingkaran Trans Kota Sdn Bhd (LITRAK)
- Majlis Amanah Rakyat (MARA)
- Malaysian American Commission on Education Exchange (MACEE)
- Perbadanan Tabung Pendidikan Tinggi Nasional (PTPTN)
- Petroliam Nasional Berhad (PETRONAS)
- Sarawak Shell Berhad
- System Consultancy Services Sdn Bhd
- Yayasan Pahang
- Yayasan Sabah
- Yayasan Telekom Malaysia
- Yayasan Tenaga Nasional
- Yayasan Terengganu
- Bantuan Tabung Amanah Zakat UTP





About Malaysia

Country

The Federation of Malaysia comprises Peninsular Malaysia, and the states of Sabah and Sarawak on the Island of Borneo.

Geographic Location

Peninsular Malaysia is separated from Sabah and Sarawak by the South China Sea. In the northern part of Peninsular Malaysia lies Thailand, and in the south, neighbouring Singapore. Sabah and Sarawak are bounded by Indonesia while Sarawak also shares borders with Brunei.

Area

329,758 square km

Population

28.3 Million

Capital City

Kuala Lumpur

People

Malays comprise 57% of the population, while the Chinese, Indian and Bumiputeras and other races make up the rest of the country's population.

Language

Malay (Bahasa Melayu) is the national language in use, but English is widely spoken. The ethnic groups also converse in the various languages and dialects.

Religion

Islam is the official religion of the country, but other religions are widely practised.

Weather

The country experiences tropical weather year-round. Temperature varies from 21°C (70°F) to 32°C (90°F). Higher elevations are much colder with temperatures between 15°C (59°F) to 25°C (77°F). Annual rainfall varies from 2,000mm to 2,500mm.

Economic Profile

Manufacturing constitutes the largest single component of Malaysia's economy. Tourism and primary commodities such as petroleum, palm oil, natural rubber and timber are major contributors to the economy.

Currency

The monetary unit of the country is Ringgit Malaysia and is written as RM. The exchange rate is valued at USD1 = MYR4.20. Foreign currencies can be exchanged at banks and money changers.

Time

8 hours ahead of GMT and 16 hours ahead of U.S Standard Time.

Electricity

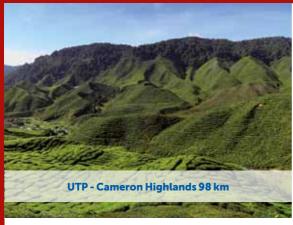
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UTP - The Banjaran Hot Springs 36 km



UTP - Gua Tempurung 36 km





UTP - Lata Kinjang 32km







UTP-AEON 20 km

Rankings & Ratings



































Contact Details

Admission Office

+605-368 8000 / 368 8406 / 368 8407 / 368 8153 / 368 8156 / 368 8331 Universiti Teknologi PETRONAS, 32610 Seri Iskandar, Perak Darul Ridzuan, MALAYSIA Tel: +605-368 8000 (General)

For further details visit www.utp.edu.my and click (ASK UTP) for enquiries









Foundation

Programme



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(JPT/BPP (R/010/3/0289)) 07/19

Foundation



UTP's Foundation Programme is a complete academic course that prepares students for admission to Degree Programmes. It covers the basic knowledge and necessary skills that will be relevant to the respective degree programmes in engineering, science and technology.

It is designed for students who have successfully completed their O-Levels, SPM or equivalent examinations.

Candidates enrolled in this Foundation Studies course must successfully complete and meet the course requirements and examinations for acceptance into the Bachelors Degree programme.

Programme Educational Objective

To produce students with sufficient analytical skills and knowledge in fundamental sciences and mathematics for pursuing education in engineering, science and technology.

Programme Outcomes

At the end of the programme, students should be able to :

- Apply knowledge of science and mathematics in problem solving.
- Apply analytical skills to interpret and solve problems.
- Communicate effectively in English.
- Practise behaviour that reflects good values in the learning process.

Duration

1 Year (3 Semesters)

Upon passing the UTP Foundation Programme, students can proceed with their respective Bachelors Degree Programmes as listed below:

Bachelor of Engineering (Honours)

- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering
- Petroleum Engineering

Bachelor of Science (Honours)

- Applied Chemistry
- Applied Physics

Bachelor of Technology (Honours)

- Business Information Systems
- Information & Communication Technology
- Petroleum Geoscience



Entry Requirements

Engineering, Science & Geoscience

- SPM / SPMV

Pass SPM/SPMV with minimum C-credits in Bahasa Melayu, English, Mathematics, Additional Mathematics, Physics and Chemistry.

O-Levels or equivalent

Pass O-Levels with minimum Credits (Grade C) or 60% and above in five (5) subjects inclusive of Mathematics, Physics, Chemistry, AND any other two (2) subjects.

Technology

SPM / SPMV

Pass SPM/SPMV with minimum C-credits in in Bahasa Melayu, English, Mathematics AND any other two (2) non-language subjects.

O-Levels or equivalent

Pass O-Levels with minimum Credits (Grade C) or 60% and above in five (5) subjects;a Grade C in Mathematics AND any other two (2) nonlanguage subjects.

Additional requirement for international students

IELTS score of 5.0 or TOEFL paper based score 500 or equivalent.

Passing Requirements

Students must PASS all the required courses, complete a minimum of 50 credits hours and obtain a minimum CGPA of 2.00

Financial Assistance

UTP Sponsorship Unit will assist all UTP students in matters pertaining to their financial assistance.

- All UTP students are eligible for PTPTN loan
- Student can apply for sponsorship from PETRONAS after receiving their actual SPM results via online
- Bumiputera students may apply sponsorship from Yayasan Peneraju Pendidikan Bumiputera (YPPB) and Indian students may submit the application to Indus Education Foundation (IEF)
- Muslim students may also apply from Bantuan Tabung Amanah Zakat UTP
- Students may also apply from other sponsoring agencies.

Note: Malaysian students only. Terms and conditions apply



Investment



· <u>i</u>		
MALAYSIAN	Foundation	
Duration Credit Hours	1 year 50	
Cost per Credit Hours	MYR 264	
*Estimated Tuition Fees per Semester *Estimated Tuition Fees per Year	MYR 4,400 MYR 13,200	
*Estimated Hostel Fees per Month (base on twin sharing)	MYR 260	
*Estimated Total Fees for whole duration	MYR 19,000	
(Registration, Tuition Fees, Annual Fees, Hostel, Visa, Insurance etc)		

INTERNATIONAL	Foundation				
Duration Credit Hours Cost per Credit Hours *Estimated Tuition Fees per Semester *Estimated Tuition Fees per Year *Estimated Hostel Fees per Month (base on twin sharing) *Estimated Total Fees for whole duration (Registration, Tuition Fees, Annual Fees, Hostel, Visa, Insurance etc)	1 year 50 MYR 312 USD 75 MYR 5,200 USD 1,250 MYR 15,600 USD 3,750 MYR 260 USD 60 MYR 26,000 USD 6,220				

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