Universiti Teknologi PETRONAS (UTP) was established on 10 January 1997 and is the number 1 private university in Malaysia.

UTP offers a wide range of industry-relevant engineering, science and technology programmes at undergraduate and postgraduate levels and aims to produce well-rounded graduates with excellent leadership qualities and communication abilities.

UTP has produced more than 15,000 graduates and currently has an enrolment of over 1,200 foundation students, 6,000 undergraduates and 1,200 postgraduates from more than 66 countries around the world.

The university has attained numerous prestigious national and international recognitions in only two decades of its establishment.

UTP is the first and only private university in Malaysia to be rated a maximum 5-star overall rating in the Quacquarelli Symonds (QS) Stars™ University Rating System.

Furthermore, UTP retains its position in the 601-650 band in the QS World University Rankings 2018, the only private university to make it into the rankings.

UTP has improved its standing in the QS Asia University Rankings 2017, moving up 26 places and is now ranked Top 101.

UTP has also made its first appearance in the QS Top 50 under 50 2017 and is ranked in the 91-100 band. The ranking is based on the world’s best universities that are less than 50 years old.

UTP is also ranked 233rd in the QS World University Rankings 2017 by Faculty for its Engineering and Technology Faculty.

UTP has improved its standing in the QS World University Rankings by Subject 2017. Chemical Engineering and Mechanical Engineering have
maintained their position as Top 150 and Top 200 respectively. Meanwhile, Electrical Engineering has improved its rank to be in the Top 200 and Computer Sciences & Information Systems has managed to place itself in the Top 300.

Apart from the QS rankings, UTP has made the list in The Times Higher Education (THE) World University Rankings 2016-2017 for the first time and is ranked in the 601-800 band.

UTP has also made its debut in the prestigious THE BRICS & Emerging Economies Rankings 2017, coming in at 91st. This placed UTP among the top 100 best research-led universities in the developing world.

In addition, UTP has made its maiden entrance into the THE Asia University Rankings 2017 and is ranked between 141-150. It has also debuted in the THE Young University Rankings 2017 and is ranked between 151-200. It is also ranked at 131-140 in the newly introduced THE Asia-Pacific University Rankings 2017.

The university conducts extensive research activities in collaboration with PETRONAS and other institutions and industries, locally and abroad, on six research focus and niche areas. They are sustainable living, transport infrastructure, health analytics, hydrocarbon recovery, contaminant management and autonomous system.

UTP is the first and only private university to be awarded a 6-star rating (the highest performance level) by Ministry of Higher Education Malaysia for its research, development and commercialisation efforts under the Malaysia Research Assessment Rating System (MyRA).

UTP continues to provide distinctive educational opportunities to its students with the rating of 6-star or outstanding status in the Rating System for Malaysian Higher Education 2017 (SETARA).
Programmes Offered

Coursework and Dissertation

<table>
<thead>
<tr>
<th>Programme</th>
<th>Full Time</th>
<th>Part Time</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBA in Energy Management</td>
<td>✓</td>
<td></td>
<td>JPT/BPP(N/345/7/0391)07/18</td>
</tr>
<tr>
<td>MSc in Asset Management &amp; Maintenance</td>
<td>✓</td>
<td>✓</td>
<td>JPT/BPP(R2/521/7/0161)08/22</td>
</tr>
<tr>
<td>MSc in Drilling Engineering</td>
<td>✓</td>
<td></td>
<td>JPT/BPP(N/544/7/0003)08/19</td>
</tr>
<tr>
<td>MSc in Electronics Systems Engineering</td>
<td>✓</td>
<td>✓</td>
<td>JPT/BPP(R2/523/7/0098)10/22</td>
</tr>
<tr>
<td>MSc in Offshore Engineering</td>
<td></td>
<td>✓</td>
<td>JPT/BPP(N/526/7/0080)08/19</td>
</tr>
<tr>
<td>MSc in Petroleum Engineering</td>
<td>✓</td>
<td></td>
<td>JPT/BPP(R2/521/8/0019)12/22</td>
</tr>
<tr>
<td>MSc in Petroleum Geoscience</td>
<td>✓</td>
<td></td>
<td>JPT/BPP(R/524/7/0021)12/17</td>
</tr>
<tr>
<td>MSc in Process Integration</td>
<td>✓</td>
<td>✓</td>
<td>JPT/BPP(R/524/7/0040)07/19</td>
</tr>
<tr>
<td>MSc in Process Safety</td>
<td>✓</td>
<td>✓</td>
<td>JPT/BPP(N/540/7/0015)12/20</td>
</tr>
</tbody>
</table>

Duration

<table>
<thead>
<tr>
<th>Mode</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Time</td>
<td>12</td>
<td>36</td>
</tr>
<tr>
<td>Part Time</td>
<td>24</td>
<td>48</td>
</tr>
</tbody>
</table>

Intake

January, May and September

*Please take note that University has the right to cancel or postpone the offered programmes if the number of students are less than feasible as approved by the Admission Committee.

For updated information of the particular intake/programme, kindly refer to UTP Website.
### Research

<table>
<thead>
<tr>
<th>Programme</th>
<th>Masters/Code</th>
<th>PhD /Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Engineering</td>
<td>JPT/BPP(R2/524/7/0008)02/22</td>
<td>JPT/BPP(R2/524/8/0018)12/22</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>JPT/BPP(R2/526/7/0020)12/22</td>
<td>JPT/BPP(R2/526/8/0019)12/22</td>
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<tr>
<td>Electrical &amp; Electronics Engineering</td>
<td>JPT/BPP(R2/523/7/0289)02/22</td>
<td>JPT/BPP(R2/523/8/0036)12/22</td>
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<tr>
<td>Information Systems</td>
<td>JPT/BPP(N/482/7/0153)03/23</td>
<td>JPT/BPP(N/482/8/0166)03/23</td>
</tr>
<tr>
<td>Information Technology</td>
<td>JPT/BPP(R2/481/7/0225)10/22</td>
<td>JPT/BPP(R2/481/8/0234)02/23</td>
</tr>
<tr>
<td>Management</td>
<td>JPT/BPP(R/345/7/0242)08/22</td>
<td>JPT/BPP(N/345/8/0243)03/18</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>JPT/BPP(R2/521/7/0022)03/22</td>
<td>JPT/BPP(R2/521/8/0040)12/22</td>
</tr>
<tr>
<td>Petroleum Engineering</td>
<td>JPT/BPP(R/524/7/0046)05/20</td>
<td>JPT/BPP(R2/524/8/0017)12/22</td>
</tr>
<tr>
<td>Petroleum Geoscience</td>
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<td>JPT/BPP(R2/544/8/0020)12/22</td>
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<tr>
<td>Science</td>
<td>JPT/BPP(N/545/7/0016)07/22</td>
<td>JPT/BPP(N/545/8/0015)01/18</td>
</tr>
<tr>
<td>Social Science &amp; Humanities</td>
<td>JPT/BPP(N/220/7/0009)02/18</td>
<td>JPT/BPP(N/220/8/0010)03/18</td>
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</table>

### Duration

<table>
<thead>
<tr>
<th>Mode</th>
<th>Masters Minimum</th>
<th>Masters Maximum</th>
<th>PhD Minimum</th>
<th>PhD Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Time</td>
<td>12</td>
<td>36</td>
<td>24</td>
<td>60</td>
</tr>
<tr>
<td>Part Time</td>
<td>24</td>
<td>72</td>
<td>36</td>
<td>90</td>
</tr>
</tbody>
</table>

### Intake

January and July

*Note: All research programmes are available in full time and part time.*
Thematic Research

Mission Oriented Research

Primarily focused on serving the Oil & Gas industry, Research Institutes conducts specific research programmes to support PETRONAS’s core business and the nation’s development. There are 6 Research Institutes across niche disciplines for the benefit of the industry and the nation as a whole.

Research Institutes

- Institute for Sustainable Living
- Institute of Health & Analytics
- Institute of Autonomous System

- Institute of Contaminant Management
- Institute of Hydrocarbon Recovery
- Institute of Transport Infrastructure

Our expertise are from the following areas:

Chemical Engineering

- Ionic Liquid
- Bio-Fuel
- Environment
- Separation
- Material Development
- Advanced Process Control
- Process System Engineering
- Process Safety
- Catalysis
- Reactor Technology

Electrical and Electronics Engineering

- Intelligent Imaging
- Communication
- Industrial Automation
- Sensor Technology
- Energy Utilisation & Power System
- System Level Integration
- Electronic Systems Design
- Power Electronics
- Power System Microelectronics
- RF Systems

Civil Engineering

- Structural Engineering
- Off-shore Structures
- Highway & Transportation Design
- Environmental Engineering & Management
- Geotechnical Engineering
- Water Resources Engineering
- Geographical Information System (GIS)
- Construction & Project Management

Mechanical Engineering

- Mechanical Systems Design
- Vehicle Design
- Advanced Engine Development
- Advanced Materials & Processing
- Manufacturing System Optimisation
- Energy Systems
- Corrosion & Reliability
- Friction Stir Welding
Petroleum Engineering

- Enhanced Oil Recovery
- Oil Field Chemical
- Flow Assurance
- Drilling Optimisation
- Drilling Fluid & Completion
- Cementing Technology
- Deep Reservoir
- High Pressure High Temperature
- Unconventional Hydrocarbon

Computer and Information Sciences

- Software Engineering
- Network & Communication System
- Artificial Intelligence
- Knowledge Management
- Multimedia
- Advanced Database & E-Commerce
- Enterprise Resource Information System
- High Performance Computing
- Cloud Computing
- Green Computing

Management

- Human Resource Management & Organisational Behaviour
- Accounting & Finance
- Marketing & International Business
- Entrepreneurship
- Strategic Management, Ethics & Corporate Governance

Petroleum Geoscience

- Rock Physics
- Advanced Seismic Technology
- Non-Seismic Methods
- Integrated Basin Analysis
- Reservoir Characterisation, Modelling & Simulation
- Carbonate Reservoir Characterisation
- Carbonate Sedimentology
- Diagenesis & Sequence Stratigraphy

Fundamental & Applied Sciences

- Ionic Liquid
- Bio-Fuel
- Environment
- Separation
- Material Development
- Advanced Process Control
- Process System Engineering
- Process Safety
- Catalysis
- Reactor Technology
- Nanotechnology

Social Science & Humanities

- Sociological, Cultural & Political Studies
- Engineering, Science & Technology Studies
- Language & Linguistics
- Journalism, Communication & Media Studies

Note: Application can also be considered based on research proposal other than those stated above.
Entry Requirements

**Masters Programme**
(by Research / Coursework and Dissertation)

- Bachelor Degree Graduate
  Candidates must possess a good Bachelor Degree with minimum CGPA 3.00/4.00 or 2nd Class Upper Division or equivalent in the relevant field from a recognised university

- Bachelor Degree Graduate
  Candidates must possess a good Bachelor Degree or equivalent in the relevant field from a recognised university

**PhD Programme**
(by Research)

- Masters Graduate by Coursework
  Candidates must possess a good Masters Degree with minimum CGPA 3.00/4.00 or equivalent in the relevant field from a recognised university

- Masters Graduate by Research
  Candidates must possess a good Masters Degree or equivalent in the relevant field from a recognised university

**English Requirements**

Foreign and local students are required to have proficiency in written and spoken English in one of the following forms:

- A minimum TOEFL score of 550 **OR**
- A minimum IELTS score of 6.0 **OR**
- A minimum MUET score of Band-4 **OR**

- A minimum TOEIC score of 700 **OR**
- A minimum : First (FCE) score of 67 **OR**
- A minimum : Advanced (CAE) score of 52
Graduation Requirements

Coursework and Dissertation
Students are required to obtain a minimum CGPA of 3.00/4.00, complete dissertation and projects as well as to complete the minimum credit hours for each respective programme.

Research
Students are required to publish at least one journal for Masters programme and two journals for PhD programme, as well as pass viva voce and submit hard copy thesis.
UTP graduate degree holders have exciting futures in various industries and fields such as oil and gas, petrochemical, pharmaceutical, food and cosmetics, as well as other sectors in the government, academia and R&D sectors.
## Investment

<table>
<thead>
<tr>
<th>Research</th>
<th>Masters</th>
<th>PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Full Time</td>
<td>Part Time</td>
</tr>
<tr>
<td></td>
<td>(Annually)</td>
<td>(Annually)</td>
</tr>
<tr>
<td>Engineering Technology</td>
<td>MYR 6,500</td>
<td>MYR 1,200</td>
</tr>
<tr>
<td>Management &amp; Humanities</td>
<td>MYR 5,500</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MYR 4,500</td>
<td></td>
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<tr>
<td>Graduation Seminar (Social Science)</td>
<td>MYR 1,500</td>
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<tr>
<td>Research Methodology (1st Semester)</td>
<td>MYR 1,500</td>
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<tr>
<td>Examination @ Viva (Final Semester)</td>
<td>MYR 1,000</td>
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</table>

Note: The above fee is for Malaysian and International

<table>
<thead>
<tr>
<th>Coursework &amp; Dissertation</th>
<th>Malaysian</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBA in Energy Management</td>
<td>MYR 50,000</td>
<td>MYR 75,000</td>
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<tr>
<td>MSc in Asset Management &amp; Maintenance</td>
<td>MYR 25,000</td>
<td>MYR 25,000</td>
</tr>
<tr>
<td>MSc in Drilling Engineering</td>
<td>MYR 70,000</td>
<td>MYR 100,000</td>
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<tr>
<td>MSc in Electronics Systems Engineering</td>
<td>MYR 25,000</td>
<td>MYR 25,000</td>
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<tr>
<td>MSc in Offshore Engineering</td>
<td>MYR 25,000</td>
<td>MYR 50,000</td>
</tr>
<tr>
<td>MSc in Petroleum Engineering</td>
<td>MYR 60,000</td>
<td>MYR 60,000</td>
</tr>
<tr>
<td>MSc in Petroleum Geoscience</td>
<td>MYR 50,000</td>
<td>MYR 75,000</td>
</tr>
<tr>
<td>MSc in Process Integration</td>
<td>MYR 31,000</td>
<td>MYR 31,000</td>
</tr>
<tr>
<td>MSc in Process Safety</td>
<td>MYR 70,000</td>
<td>MYR 70,000</td>
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</table>

<table>
<thead>
<tr>
<th>Registration</th>
<th>Malaysian</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Bond (International Student Only)</td>
<td>-</td>
<td>MYR 3,000 (refundable)</td>
</tr>
<tr>
<td>Student Pass Application</td>
<td>-</td>
<td>MYR 2,120</td>
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<tr>
<td>Registration</td>
<td>MYR 950</td>
<td>MYR 1,080</td>
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<tr>
<td>TOTAL</td>
<td>MYR 950</td>
<td>MYR 6,200</td>
</tr>
</tbody>
</table>

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 deemed necessary. Rate for USD 1 = MYR 4.20.
Financial Aid

Yayasan UTP Scholarship
• Malaysian only (max age, Masters – 35, PhD – 45)
• Book allowance of RM 1,000
• Thesis allowance of RM 2,000
• Monthly Subsistence Allowance;
  • Masters student – RM 3,000
  • PhD student – RM 5,000

UTP Graduate Assistantship Scheme (GA)
• Malaysian & International (max age, Masters – 35, PhD – 40)
• Monthly Subsistence Allowance;
  • Masters student – RM 1,300
  • PhD student – RM 1,600
• Covering tuition fees worth;
  • Masters student – RM 13,500
  • PhD student – RM 35,000

UTP Graduate Research Assistantship Scheme (GRA)
• Malaysian & International (depending on the grant sponsors)
• Monthly Subsistence Allowance;
  • Masters student – From RM 1,300 up to RM2,500
  • PhD student – From RM 1,600 up to RM4,000
• Covering tuition fees worth;
  • Masters student – RM 13,500
  • PhD student – RM 35,000

UTP Tuition Fee Assistantship Scheme (TFA)
• Malaysian & International
• Covering tuition fees worth;
  • Masters student – RM 13,500
  • PhD student – RM 35,000

Employee Provident Fund (EPF)
• Withdrawal Scheme for Malaysian only covering tuition fees

Note:
Registration fees, accommodation fees, flight tickets etc will be borne by the student.
Terms and conditions apply
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
Voltage is 220–240 Volt AC at 50 cycles per second. Standard 3-pin square plugs and socket.

Telephone
Local calls can be made from public phones using coins or prepaid cards. International calls can be made using prepaid cards.

Note: Rate as at 1st January 2016
Rankings & Ratings

University Registration No.: DU003(A)  Company No.: 352875-U

Admission Office
+605-368 8000 / 368 8331 / 368 8345 / 368 8346 / 368 8359 / 368 8403
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 for enquiries

Contact Details

Date of printing: 1 February 2018