

FACILITIES

The School of Chemical Engineering offers a wide range of facilities to help the students in their learning and research activities:

Conductive Study Environment:

- Enable teaching & learning facilities (classroom & lecture theaters)
- Library equipped with online resources
- Student recreational/ discussion area



Fully Equipped Laboratories:

- High technology equipment is made available to the students in designated specialized laboratories such as Chemical Engineering Lab, Process Control Lab, Analytical Lab and Research Lab. These up-to-date teaching and learning facilities enhance students' knowledge on unit operations, chemical reaction, heat transfer, particle technology, industrial process control instrumentation and environmental technology.
- Computer laboratory is well equipped with latest modern tools such as ASPEN PLUS, MATLAB and AutoCAD softwares to accommodate the interactive teaching and learning activities.

Equipment Available:

- ICP-OES
- GC-FID
- UV-Vis
- Liquid Diffusion Apparatus
- Gas Diffusion Apparatus
- Heat Exchanger
- Osborne Reynolds Apparatus
- Thermal Conductivity of liquid and gases
- Distillation Column
- Liquid-liquid Extraction
- Gas Absorption
- Tray drier
- Gas Pressure Control Plant
- DO Meter
- Conductivity Meter
- Spectrophotometer

FREQUENTLY ASKED QUESTIONS

Q: How to apply?

Answer: Selecting a course of study at university is a major decision. We advise applicant to read university prospectus and access the information via our website before making the final decision. Applications to our Bachelor's degree programmes can be made through the University Center Unit/ Unit Pusat Universiti (UPU) or online via the Student Intake Administration Division, Ministry of Higher Education. Applying online means that you only have to submit one applications form and UPU will send your application to your choice of universities. Applicant are expected to meet all the entry requirements that can be referred at <http://pengambilan.uitm.edu.my/e-syarat/2019>. Information about the programmes offered at UiTM can be viewed at the PORTAL KEMASUKAN PELAJAR Universiti Teknologi MARA, <https://online.uitm.edu.my>.

Q: Is there a deadline for graduate application?

Answer: We have two intakes every year which are in March and September. For further information on the intakes, please visit the website <http://pengambilan.uitm.edu.my/kalendar-pengambilan> To view the intake schedule.

Q: Will I receive financial support?

Answer: There are several financial supports which could be applied such as PTPTN and others government loans and scholarships. The UiTM Financial Support Unit manages the PTPTN loans and its other related matters for eligible student. For further information, please visit this website: <https://myfinancial.uitm.edu.my/new/index.php/pelajar>.

Q: Fees and Charges?

Answer: For the local undergraduates student, registration fees for new students is RM 793.00 and for services fee for each semester is RM 580.00 excluded residential college fee. The residential colleges fee per semester is RM 210.00. Note: Subject with changes.

Q: Where can I get the latest info on the Bachelor of Chemical Engineering (Environment) With Honours (CEEH 225)?

Answer: For further information on the programme offered, please visit this website; <https://penang.uitm.edu.my/main/index.php/akademik/fakulti/kejuruteraan-kimia>

SCHOOL OF CHEMICAL ENGINEERING



**BACHELOR OF CHEMICAL ENGINEERING
(ENVIRONMENT) WITH HONOURS
(UPU CODE: UE6524002 / UiTM CODE: CEEH225)**

"Together We Inspire Others"

For more information, please contact:

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Jalan Permatang Pau
13500 Permatang Pau
Pulau Pinang
Phone No: +604-382 2652



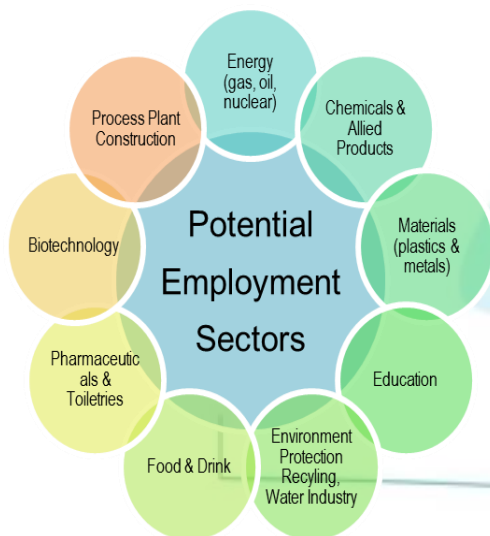
BACHELOR OF CHEMICAL ENGINEERING (ENVIRONMENT) WITH HONOURS (CEEH 225)

UPU Code: UE6524002

The programme is offered in UiTM Cawangan Pulau Pinang since 2014. The duration of this programme is (4) years which meets both requirements of the Ministry of Higher Education (MOHE) and the Engineering Accreditation Council (EAC). The programme consists of 135 credit hours and accredited by EAC Malaysia. Graduates from this programme can be registered with BEM as Graduate Engineer in Chemical Engineering discipline.

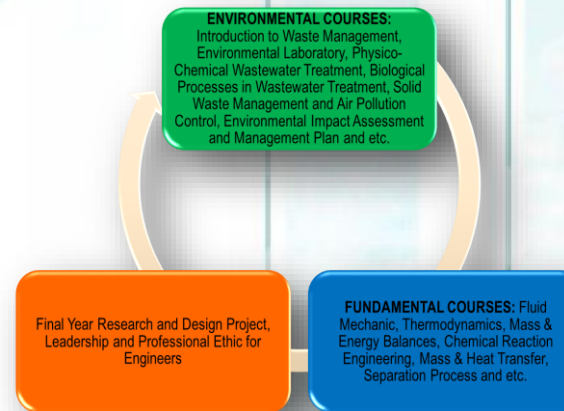
CAREER PROSPECT

The carrier opportunities vastly exist in both public and private sectors. For instance, graduates may secure positions as chemical or environmental engineers which involve in developing or creating products to satisfy the needs for modern society.



CURRICULUM

The curriculum structure is tailored to prepare individuals for broad education consisting chemical engineering fundamentals such as chemical kinetics, thermodynamics and transport processes as well as the specialised environmental technology. The curriculum design is aligned with government's intention to promote high quality of living towards a sustainable future.



ENTRY REQUIREMENT

Open to all Bumiputera students that fulfill the entry requirements.

-GENERAL QUALIFICATION-

- ✓ A pass in SPM or its equivalent which recognized by the Malaysian Government
- ✓ Credit in Bahasa Melayu at SPM level/equivalent
- ✓ A minimum Band 2 in MUET
- ✓ Candidate must not be color blind or physically disabled which makes him/her unable to conduct experimental /practical work

ENTRY REQUIREMENT

- SPECIFIC QUALIFICATION -

Candidates from Diploma programmes:

- ✓ A Minimum CGPA of 2.5 for candidates from Diploma in Chemical Engineering/ Diploma in Industrial Chemistry/ Diploma in Science/ Diploma in Industrial Hygiene and Safety Technology/ Diploma in Polymer Technology/ Diploma in Food Technology and Diploma in Environmental Health from UiTM.
- ✓ A Minimum CGPA of 3.0 for candidates from Diploma in Chemical Engineering or Diploma in Industrial Chemistry from other institutions recognized by the Malaysian government.
- ✓ A Pass in SPM/ equivalent with five (5) honors including Chemistry, Physics, Mathematics and Additional Mathematics.
- ✓ A Pass in English subject for SPM/ equivalent.

Candidates from UiTM's Foundation/ UM Foundation Science/ MOE Matriculation or its equivalent, recognised by the Malaysian government:

- A minimum CGPA of 2.75
- A minimum of Grade B- for two subjects, a minimum of Grade C in one (1) subject from any of the following subject:
 - ✓ Mathematics
 - ✓ Physics/ Engineering Physics/ Biology
 - ✓ Chemistry/ Engineering Chemistry
- ✓ A Pass in SPM/ equivalent
- ✓ A Pass in English subject for SPM/ equivalent

Candidates from STPM or its equivalent recognised by the Malaysian government,

- A minimum CGPA of 2.75
- A minimum of Grade B- in two (2) subjects, and a minimum of Grade C in one (1) of the following subject:
 - ✓ Mathematics (T) / Further Mathematics
 - ✓ Physics/ Biology
 - ✓ Chemistry
- A Pass in SPM/ equivalent with five (5) honors including Chemistry, Physics, Mathematics and Additional Mathematics
- A Pass in English subject for SPM/ equivalent