

# BEM-GRADUATE ASSESSMENT PROGRAMME (BEM-GAP)

## CHEMICAL ENGINEERING

The intake is open to graduate of the 3-year engineering degree programme for Graduate Engineer registration with the Board of Engineers Malaysia (BEM).

**MARCH 2022  
INTAKE  
APPLICATION**

FROM  
**7 FEB 2022**  
TO  
**25 FEB 2022**



### Programme Fees

- Registration fee (once) RM1000
- Course fees RM411 per credit hour



### Teaching Mode

- Conventional mode
- Weekdays (Monday-Friday)



### Programme Structure

#### Year 1

Chemical Engineering Thermodynamics II  
Heat Transfer  
Mass Transfer  
Chemical Process Principles I  
Fluid Mechanics II  
Separation Processes II

Process Safety and Loss Prevention  
Process Control  
Integrated Design  
Design of Process Equipment\*  
Numerical Method for Engineering

#### Year 2

Chemical Process Principles II  
Design Project (progressive)  
Advanced Process Control  
Advanced Process Safety and Loss Prevention  
2 elective courses

Design Project  
Particle Technology  
Basic Materials Science for Chemical Engineering  
Reaction Engineering II  
1 Elective course

#### Special Semester

Industrial training

#### Apply Now



[apply.um.edu.my](http://apply.um.edu.my)

#### Programme Info



[study.um.edu.my](http://study.um.edu.my)

#### Contact Person

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