Bachelor of Science with Honours (Industrial Design)

MQA/10734

"INTEGRATING DESIGN & SCIENCE FOR HOLISTIC SOLUTIONS"

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Level 7, Menara Razak,
Universiti Teknologi Malaysia,
Kuala Lumpur, MALAYSIA

PROGRAMME OVERVIEW

Bachelor of Science with Honours (Industrial Design)

is a unique programme that applies aesthetics, technology, ergonomics, and marketing skills to emerging technologies where people's requirements can be translated to potential commercially viable goods. This program is an interesting design course, geared at new innovations as business opportunities and commercial. The students get a creative, problem-solving mind set through a variety of design assignments, which are at the core of this program. It encourages curiosity in the know-how and abilities that contribute industrial design project almost instantly.

PROGRAMME STRUCTURE

This programme encompasses core subject in design, technology and management. The combination of art based and technology based subject is expected to be able to improve the performance, efficiency and skill of the would-be industrial designer in entering the field of industrial design. The field of study is divided into:

INDUSTRIAL DESIGN CORE
Courses include topics covering Design Studios, Design Research Methods, Design Thinking and Skills, and Design Theory

MATHEMATICS
These courses support the engineering courses and in the analysis of design. It includes courses such as Calculus and Statistic

MARKETING MANAGEMENT & ACCOUNTING
This consists of course such as Marketing Principles, Cost Accounting, Consumer Behaviour, Management of Innovation & Product Development and Strategic Marketing

Engineering Technology
This field includes courses such as Statics, Dynamics & Machine, Materials & Processes of Manufacturing, Electrical Technology, Production Management, Computer Aided Design (CAD)/Computer Aided Industrial Design (CAID).

ENTRY REQUIREMENTS

Pass KPM/Asasi Sains UM/UiTM Matriculation with at least a CGPA of 2.00

OR

Pass Peperiksaan Sijil Tinggi Persekolahan Malaysia (STPM) Bahasa Melayu/Bahasa Malaysia with credit in the SPM/equivalent with at least:
- Gred C (NGMP 2.00) General Studies;
- Gred C (NGMP 2.00) in other two (2) subjects

OR

Passes a Diploma or other Qualification which is recognized by the Government of Malaysia and approved by the Senate of IPTA;

AND

University General Requirements:
- Pass Sijil Pelajaran Malaysia (SPM)/equivalent with credit (Grade C) in Bahasa Melayu/Bahasa Malaysia subject or credits in Bahasa Melayu/Bahasa Malaysia July Paper.
- Attain at least a Band 2 in Malaysia University English Test (MUET)

AND

Programme Specific Requirements:
- Obtain at least a (Grade C) at SPM level in the following subjects:
  - Mathematics
  - Physics
- Pass the interview held by the university
- Is not colour blind or handicapped such as to impede practical work.
- Priority will be given to candidates with a credit (Grade C) at SPM level in Pendidikan Seni or Reka Cipta and Bahasa Inggeris.

"Unique design programme.."

" I chose the programme because of its uniqueness that combines both design and sciences. This programme has expanded my knowledge and made me into who I am now. For those who want to build a solid foundation in Design and Technology, BSc Hons (Industrial Design) is the best programme for you. "

MUHAMMAD NURHARIZ ILMAN
Quality Executive
CRCC Kuala Lumpur

CAREER OPPORTUNITIES

- Interior Designer
- Product Designer
- Furniture Designer
- Packaging Designer
- CAD/CAID Designer
- Automotive Designer
- Product Design Engineer
- Industrial Design Researcher

FULL TIME

Intake: September

Min Duration: 4 years (8 semesters)
Max Duration: 6 years (12 semesters)