

# FACULTY OF ENGINEERING

## PROGRAMME ENTRY REQUIREMENTS - 2020/2021

### FULL-TIME PROGRAMMES

**CANDIDATES SHOULD SATISFY THE GENERAL ENTRY REQUIREMENTS AND THE SPECIFIC PROGRAMME REQUIREMENTS BELOW:**

#### **A. GENERAL ENTRY REQUIREMENTS**

**EITHER** (i) A pass in English Language at Cambridge School Certificate/ 'O' Level or equivalent

**AND**

**either** (i) Credit in **three (3)** other subjects at Cambridge School Certificate / GCE 'O' Level, together with passes in two (2) subjects at 'A' Level and two(2) subjects at Advanced Subsidiary/Subsidiary Level at the Higher School Certificate Examination.

(Applicants having credit in English Language need to have credit in only two other subjects)

**or** (ii) Passes in three (3) subjects at 'A' Level and **one (1) subject at Advanced Subsidiary/Subsidiary Level** at the **Higher School Certificate** Examination;

**or** (iii) Passes in three (3) subjects at 'A' Level at the **London General Certificate Examination.**

**OR** (ii) Qualifications awarded by other universities and institutions, which have been approved by the Senate as satisfying the minimum requirements for admission.

**OR** (iii) The French Baccalauréat.

**OR** (iv) Relevant subjects/combinations of related subjects included in any Diploma of the University of Mauritius or in any technical qualifications, as may be approved by the Senate as being equivalent or comparable to an 'O' Level or 'A' Level may be accepted in lieu of corresponding subjects prescribed in (i) above.

**OR** (v) The IGCSE and the International Baccalaureate awarded by the International Baccalaureate Organisation, Switzerland.

**NOTE:** (a) A pass (at least grade C or c) at Subsidiary/Advanced Subsidiary Level in any subject or General Paper in a Higher School Certificate could be considered in lieu of a credit in that subject or English Language respectively, taken at School Certificate/ 'O' Level and a pass at Principal Standard in a Higher School Certificate will count as a GCE pass at Advanced Level.

(b) No subject shall be counted at both School Certificate/ 'O' Level and Higher School Certificate/ 'A' Level or their equivalent.

(c) The Dean of a Faculty/ Director of a Centre may require an applicant for admission to either sit a special entrance examination or take specific Foundation Course.

(d) Specific additional entrance requirements often apply (See under Programme Requirements for individual programmes).

B.	<u>SPECIFIC PROGRAMME REQUIREMENTS</u>		
	PROGRAMME	CODE	DURATION
1.	<b>BEng (Hons) Chemical Engineering</b> <i>{ Credit in Chemistry and Physics at SC/'O' Level + GCE 'A' Level Passes in Mathematics and Chemistry or Physics }</i>	E404	4 Yrs F/T
2.	<b>BEng (Hons) Civil Engineering</b> <i>{ Credit in Chemistry at SC/'O' Level + 2 GCE 'A' Level Passes in Mathematics and one of the following subjects: Physics, Physical Science, Engineering Science, Physics with Chemistry, Design &amp; Technology (Technology) }</i>	E410	4 Yrs F/T
3.	<b>BEng (Hons) Electrical and Electronic Engineering</b> <i>{ Pass in Chemistry at 'O' Level + GCE 'A' Level Passes in Mathematics and Physics }</i>	E430	4 Yrs F/T
4.	<b>BEng (Hons) Telecommunications Engineering with Networking</b> <i>{ Pass in Chemistry at 'O' Level + GCE 'A' Level Passes in Mathematics and Physics }</i>	E432	4 Yrs F/T

	PROGRAMME	CODE	DURATION
5.	<b>BEng (Hons) Mechanical Engineering</b> <i>{ Pass in Chemistry at 'O' Level + GCE 'A' Level Passes in Mathematics and Physics }</i>	E440	4 Yrs F/T
6.	<b>BEng (Hons) Mechatronics Engineering</b> <i>{ Pass in Chemistry at 'O' Level + GCE 'A' Level Passes in Mathematics and Physics }</i>	E441	4 Yrs F/T
7.	<b>BSc (Hons) Fashion Technology (Minor: Entrepreneurship)</b> <i>{ 'O' Level as per General Entry Requirements + Any 2 GCE 'A' Level Passes }</i>  <i>A Foundation in Art, Design &amp; Technology or in a design-related subject awarded by a recognised awarding body is also acceptable as NQF Level 5 or alternative qualifications acceptable to the UoM.</i>	E307	3 Yrs F/T
8.	<b>BSc (Hons) Sustainable Product Design</b> <i>Five credits at SC/'O' Level, including Mathematics and Any 2 GCE 'A' Level Passes.</i>  <i>A Foundation in Art, Design &amp; Technology or in a design-related subject awarded by a recognised awarding body is also acceptable as NQF Level 5 or alternative qualifications acceptable to the UoM.</i>  <i>In case of a tie between applicants' grades, preference will be given to candidates having studied design-related subjects at 'A' Level, such as Design and Technology</i>	E304	3 Yrs F/T