

equivalent secondary school qualification.

2) BGCSE/equivalent with minimum Pass (D) in 5 subjects including English and Mathematics.

3) Applicants in possession of a Diploma or Higher Diploma in related field may be given exemptions based on the credit point equivalency.

4) For enquiries and more information please visit our website: www.bothouniversity.com

Bachelor of Science (Hons) in Multimedia Systems

Programme details:

The programme consists of core modules (required), Elective modules and some modules may have pre-requisites (i.e. may require the student to pass another module or set of modules first). Some modules may be co-requisite (i.e. such modules are required to be taken together). The number at the end of the module in parenthesis indicates the credit load of the module. 1 credit is equal to 10 hours of learning (guided, in-class and independent combined); therefore a 10-credit module requires on average 100 hours of learning from the student.

Core modules:

- C5 - ICO - 11: Introduction to Computers (20)
- C5 - MAT - 11: Mathematics - 1 (20)
- D5 - CSS - 14: Communication Study Skills (20)
- C5 - CSA - 11: Computer Systems Architecture (20)
- C5 - OSH - 11: Operating Systems and Hardware (20)
- C6 - IPC - 11: Introduction to Programming using C++ (20)
- C6 - QMD - 11: Querying and Managing Databases (40)
- C6 - WDD - 19: Web Content and Development (20)
- C7 - ICG - 14: Introduction to Computer Graphics (20)
- C7 - DSA - 11: Data Structures and Algorithms (20)
- C7 - IMS - 14: Introduction to Multimedia Studies (20)

- C7 - 2DA - 14: 2D Design and Animation (20)
- C7 - DIP - 14: Digital Image Processing (20)
- C8 - IDE - 11: Interaction Design (20)
- C7 - PPR - 11: Professional Practice (60)
- C8 - 3DA - 14: 3D Design and Animation (20)
- C8 - MGD - 14: Multimedia Games Design and Development (20)
- C8 - AMP - 14: Advanced Multimedia Applications (20)
- C8 - PRO - 11: Project (40)
- C7 - CP1 - 11: Designing Creative Publications 1 (20)
- C8 - CP2 - 11: Designing Creative Publications 2 (20)
- C7 - AVP - 17: Audio and Video Production (20)

Elective modules:

- B8-ENT-13: Essentials of Entrepreneurship(20)
- C8-APD-20: Analytical Product Design
- E8-ISD-18: Innovation for Sustainable Development(20)

Recommended full-time study path (4½ years):

Semester 1:

- C5 - ICO - 11, C5 - MAT - 11, D5 - CSS - 14

Semester 2:

- C5 - CSA - 11, C6 - WDD - 19, C7 - IMS - 14

Semester 3:

- C5 - OSH - 11, C6 - IPC - 11, C7 - CP1 - 11

Semester 4:

- C6 - QMD - 11, C8 - CP2 - 11

Semester 5:

- C7 - ICG - 14, C7 - DSA - 11, C8 - IDE - 14

Semester 6:

- C7 - 2DA - 14, C7 - DIP - 14, C7 - AVP - 17

Semester 7:

- C7 - PPR - 11

Semester 8:

- C8 - 3DA - 14, C8 - MGD - 14, C8 - AMP - 14

Semester 9:

- C8 - PRO - 11, Elective (one of B8 - ENT - 13, E8 - ISD - 18, C8-APD-20)

Admissions Criteria

1) Applicants are expected to have successfully completed secondary schooling. The typical entry requirement is BGCSE or IGCSE (in Botswana), LGCSE (in Lesotho) or other equivalent secondary school qualification.

2) BGCSE/equivalent with minimum Pass (D) in 5 subjects including English and Mathematics.

3) Applicants in possession of a Diploma or

FACULTY OF ENGINEERING AND TECHNOLOGY (CONTINUED)

Higher Diploma in related field may be given exemptions based on the credit point equivalency.

4) For enquiries and more information please visit our website: **www.bothouniversity.com**