

Bachelor of Science in Mobile Computing

Programme details:

The programme consists of core (required) and elective modules as follows. 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 for Computing(20)
- D5 - CSS - 14: Communication Study Skills 1 (20)
- C5 - CSA - 11: Computer Systems Architecture (20)
- C5 - OSH - 11: Operating Systems and Hardware (20)
- C6-DMA-19: Discreet Mathematics(20)
- C6 - QMD - 11: Querying and Managing Databases (40)
- C6-DCN-19: Data Communications and Data Networking (20)
- C6-LIE-19 :Linux Essentials (20)
- C6 - IPC - 11: Introduction to Programming using C++ (20)
- C6-WDD-19 : Web Design and Development (20)
- C6 - MDC - 13: Mobile Communications (20)
- C7 - JAV - 11: Programming Using Java (20)

- C7-MDC-19 : Mobile Data Communications (20)
- C7 - MOS - 13: Mobile Operating Systems (20)
- C7 - WNM - 13: Wireless Networks and Mobile System Architecture (20)
- C7 - MDP - 13: Mobile Device Programming (20)
- C7-MTE-13: Mobile Technologies(20)
- C7 - PPR - 11: Professional Practice in Computing (60)
- C8 - MID - 13: Mobile Interaction Design (20)
- C8-WMS-19: Wireless and Mobile Network Security(20)
- C8 - PRO - 11: Project (40) Elective modules: Select Two from the following:
- C8 - DIS - 13: Distributed Systems (20)
- C8- MIA- 13: Mobile Internet
- Applications and Services
- B8-ENT-11: Essentials of Entrepreneurship (20)
- E8 - ISD - 17: Innovation for sustainable development (20)

Recommended full-time study path (4years):

Semester 1:

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

Semester 2:

- C5 - CSA - 11, C5 - OSH - 11,C5-DMA- 19

Semester 3:

- C6 - QMD - 11, C6 - IPC - 11

Semester 4:

- C6 - DCN- 19, C6 - LIE - 19, C6 - WDD- 19

Semester 5:

- C7 - JAV - 11, C7 - MDC - 19, C7 -MOS - 13

Semester 6:

- C7 - WNM - 13, C7 - MDP - 13, C7 -MTE - 13

Semester 7:

- C7 - PPR - 11

Semester 8:

- C8 - MID - 13, C8-WMS-19 Select one from (C8 - DIS - 13, C8-MIA-13)

Semester 9:

- C8 - PRO - 11, Elective (B8 - ENT - 11, E8 - ISD - 17)

Admissions Criteria

1) Applicants are expected to have successfully completed secondary schooling. The typical entry requirement is LGCSE or other equivalent secondary school qualification.

2) LGCSE/equivalent with a minimum of 5 subjects of which 3 Credits (C), 2 Pass (D) including minimum Pass (D) in English, Pass (D) in 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

