

## Computing for Business Applications BSc (Hons) options 2016-2017

### Level 3 options

The optional choices you make should consist of 30 credits from semester 1 and 30 credits from semester 2.

MANDATORY UNITS - 60 CREDITS

OPTIONAL UNITS - 60 CREDITS

This programme requires 2 themes to be completed from the following list.

- \* Agile Methods (COMP23420, COMP33711 & COMP33812)
- \* Software Engineering (COMP23420 & COMP33511)
- \* Information Systems in Business (BMAN20880, BMAN31561 & BMAN31592)

### Level 3 - compulsory units

All of the units in this pool are mandatory.

Code	Title	Credits	Theme
COMP30040	3rd Year Project (Single Honours 40 Credits)	40	None
BMAN31561	Business Modelling and Simulation	10	Information Systems in Business
BMAN31592	IT in Business Strategy	10	Information Systems in Business

### Level 3 - option pool 1

From this option pool choose a maximum of 30 credits  
and a minimum of 10 credits.

Code	Title	Credits	Theme
COMP31111	Verified Development	10	Rigorous Development
COMP33511	User Experience	10	Interactive Systems Design
COMP33711	Agile Software Engineering	10	Agile Methods
COMP36111	Advanced Algorithms	10	Programming and Algorithms
COMP37111	Advanced Computer Graphics	10	Visual Computing
COMP38411	Cryptography and Network Security	10	Mobile Computing and Networks

### Level 3 - option pool 2

From this option pool choose a maximum of 30 credits  
and a minimum of 10 credits.

Code	Title	Credits	Theme
COMP33812	Software Evolution	10	Agile Methods
COMP35112	Chip Multiprocessors	10	Computer Architecture
COMP36512	Compilers	10	Computer Languages
COMP37212	Computer Vision	10	Visual Computing
COMP38512	Digital Wireless Communication and Networks	10	Mobile Computing and Networks
BMAN30732	Business IT Architecture	10	None

### Level 3 - option pool 3

From this option pool choose a maximum of 20 credits  
and a minimum of 0 credits.

Code	Title	Credits	Theme
MCEL30001	Tools and Techniques for Enterprise	10	None
MCEL30022	Interdisciplinary Sustainable Development	10	None
MCEL30032	Managing Finance in Enterprises for Computer Scientists	10	None
UCIL20021	Leadership in Action	10	None
UCIL20022	Leadership in Action	10	None
UCIL20282	The Information Age	10	None
UCIL20882	An Introduction to Current Topics in Biology	10	None

### Level 3 - option pool 4

From this option pool choose a maximum of 20 credits  
and a minimum of 0 credits.

Code	Title	Credits	Theme
COMP38120	Documents, Services and Data on the Web	20	Web and Distributed Systems

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