

## Internet Computing BSc (Hons) options 2017-2018

### Level 3 options

MANDATORY UNITS - 50 CREDITS

OPTIONAL UNITS - 70 CREDITS

From the optional lists you must choose 40 credits from semester one and 30 credits from semester two.  
This programme requires 2 themes to be completed from the following list.

- \* Interactive Systems Design (COMP33511)
- \* Web and Distributed Systems (COMP23111, COMP28112, COMP38120 & COMP32412)

### 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
COMP33511	User Experience	10	Interactive Systems Design

### Level 3 - option pool 1

From this option pool choose a maximum of 40 credits  
and a minimum of 10 credits.

Code	Title	Credits	Theme
COMP31111	Verified Development	10	Rigorous Development
COMP33711	Agile Software Engineering	10	Agile Methods
COMP36111	Advanced Algorithms 1	10	Programming and Algorithms
COMP37111	Advanced Computer Graphics	10	Visual Computing
COMP38411	Cryptography and Network Security	10	Mobile Computing and Networks
BMAN31561	Business Modelling and Simulation	10	Information Systems in Business

### Level 3 - option pool 2

From this option pool choose a maximum of 30 credits  
and a minimum of 0 credits.

Code	Title	Credits	Theme
COMP33812	Software Evolution	10	Agile Methods
COMP34412	Natural Language Systems	10	Natural Language, Representation and Reasoning
COMP35112	Chip Multiprocessors	10	Computer Architecture
COMP36512	Compilers	10	Computer Languages
COMP37212	Computer Vision	10	Visual Computing
BMAN31592	IT in Business Strategy	10	Information Systems in Business

### Level 3 - option pool 3

From this option pool choose a maximum of 40 credits  
and a minimum of 0 credits.

Code	Title	Credits	Theme
COMP34120	AI and Games	20	Learning and Search in Artificial Intelligence
COMP38120	Documents, Services and Data on the Web	20	Web and Distributed Systems

### Level 3 - option pool 4

From this option pool choose a maximum of 10 credits  
and a minimum of 0 credits.

Code	Title	Credits	Theme
MCEL30001	Tools and Techniques for Enterprise	10	None
MCEL30002	Tools and Techniques for Enterprise	10	None
MCEL30022	Interdisciplinary Sustainable Development	10	None
MCEL30031	Enterprise Management for Computer Scientists	10	None
MCEL30032	Managing Finance in Enterprises for Computer Scientists	10	None

UCIL20282	The Information Age	10	None
UCIL20882	An Introduction to Current Topics in Biology	10	None

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