Computer Science with Business Management wIE BSc (Hons) options 2017-20

Level 1 - compulsory units

All of the units in this pool are mandatory.

Code	Title	Credits
COMP10120	First Year Team Project	20
COMP11120	Mathematical Techniques for Computer Science	20
COMP16121	Object Oriented Programming with Java 1	20
COMP16212	Object Oriented Programming with Java 2	10
BMAN10011	Fundamentals of Management	10
BMAN10552	Fundamentals of Finance	10
BMAN10621B	Fundamentals of Financial Reporting	10

Level 1 - option pool 1

From this option pool choose 20 credits.

Code	Title	Credits
COMP11212	Fundamentals of Computation	10
COMP14112	Fundamentals of Artificial Intelligence	10
COMP18112	Fundamentals of Distributed Systems	10

Level 2 options

MANDATORY UNITS - 50 CREDITS
OPTIONAL UNITS - 70 CREDITS

If you take a 20 credit whole year course unit you are not permitted to drop this unit when course unit selection reopens at the start of semester 2.

Level 2 - compulsory units

All of the units in this pool are mandatory.

Code	Title	Credits	Theme
COMP23311	Software Engineering 1	10	Agile Methods
COMP23412	Software Engineering 2	10	Software Engineering
COMP26120	Algorithms and Imperative Programming	20	Computer Languages
BMAN10632	Fundamentals of Accounting	10	None
BMAN21012	Global Contexts of Business and Management	10	None

Level 2 - option pool 1

From this option pool choose 30 credits.

Code	Title	Credits	Theme
COMP21111	Logic and Modelling	10	Rigorous Development
COMP23111	Fundamentals of Databases	10	Web and Distributed Systems
COMP24111	Machine Learning and Optimisation	10	Learning and Search in Artificial Intelligence
COMP25111	Operating Systems	10	Computer Architecture

Level 2 - option pool 2

From this option pool choose 10 credits.

Code	Title	Credits	Theme
BMAN20811	Managing Business Operations	10	None
BMAN20821	New Product Development and Innovation	10	None

Level 2 - option pool 3

From this option pool choose 20 credits.

Code	Title	Credits	Theme
COMP24412	Symbolic AI	10	Natural Language, Representation and Reasoning
COMP25212	System Architecture	10	Computer Architecture

Code	Title	Credits	Theme
COMP27112	Computer Graphics and Image Processing	10	Visual Computing
COMP28112	Distributed Computing	10	Web and Distributed Systems

Level 3 options

If you take a 20 credit whole year course unit you are not permitted to drop this unit when course unit selection reopens at the start of semester 2.

Level 3 - compulsory units

All of the units in this pool are mandatory.

Code	Title	Credits	Theme
COMP30030	3rd Year Project (Joint Hons 30 Credits)	30	None
BMAN30010	Management and Technology	20	None
BMAN30021	Marketing	10	None
BMAN30022	Strategy	10	None

Level 3 - option pool 1

From this option pool choose a maximum of 30 credits
and a minimum of 0 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 1	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 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
COMP36212	Advanced Algorithms 2	10	Programming and Algorithms
COMP36512	Compilers	10	Computer Languages
COMP37212	Computer Vision	10	Visual Computing
COMP32412	The Internet of Things: Architectures and Applications	10	Web and Distributed Systems

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