

Computer Science with Business Management wIE BSc (Hons) options 2019-2

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 | Agile Methods |
| COMP26120 | Algorithms and Imperative Programming | 20 | Computer Languages |
| BMAN20821 | New Product Development and Innovation | 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 20 credits.

| Code | Title | Credits | Theme |
|-----------|--|---------|-------|
| BMAN10632 | Fundamentals of Accounting | 10 | None |
| BMAN20792 | Technology Strategy & Innovation 1 | 10 | None |
| BMAN21012 | Global Contexts of Business and Management | 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 |
| COMP27112 | Computer Graphics and Image Processing | 10 | Visual Computing |
| COMP28112 | Distributed Computing | 10 | Web and Distributed Systems |

Level 3 options

MANDATORY UNITS - 70 CREDITS

OPTIONAL UNITS - 50 CREDITS. YOU MUST CHOOSE 50 CREDITS IN TOTAL FROM THE OPTION POOLS

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 of Knowledge and Innovation | 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 |
|-----------|-----------------------------------|---------|-------------------------------|
| 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 |
| COMP38211 | Documents and Data on the Web | 10 | None |

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 |
|-----------|--|---------|--|
| 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 |
| 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 20 credits
and a minimum of 0 credits.

| Code | Title | Credits | Theme |
|-----------|--------------|---------|--|
| COMP34120 | AI and Games | 20 | Learning and Search in Artificial Intelligence |