SCHOOL OF COMPUTING

School of Computing - University of Kent

Please refer to the online Module Catalogue for full details of all modules:
www.kent.ac.uk/courses/modules

Stages 2 and 3

o **Subject requirements are for students entering the specified stage in the 2026-27 academic year only.**

Please select a link below to view the Stage 2 and 3 requirements for your course:

- Artificial Intelligence with a Year in Industry
- Artificial Intelligence
- Business Information Technology
- Business Information Technology with A Year In Industry
- Computer Science
- Computer Science with a Year in Industry
- Computer Science (Artificial Intelligence)
- Computer Science (Artificial Intelligence) with a Year In Industry
- Computer Science (Cyber Security)
- Computer Science (Cyber Security) With a Year In Industry
- Software Engineering
- Software Engineering with a Year In Industry

The information contained herein is correct at the time of publication. Please note however, that if a module recruits fewer than 8 students it is possible that it will not run. In this event, you will be contacted and asked to select an alternative module.

ARTIFICIAL INTELLIGENCE WITH A YEAR IN INDUSTRY   UARI0001P1BS-F

You must take the following compulsory modules:

Stage S – For Students on a Year in Industry					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6022	Industrial Placement Experience	6	100	Autumn, Spring & Summer	
COMP6023	Industrial Placement Report	6	20	Autumn, Spring & Summer	
		Compulsory Total	120		

STAGE 3

You must take 120 credits in total - 40 in each term

You must take the following compulsory module:

Stage 3 Compulsory Modules					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
COMP6004	Machine Learning Algorithms	6	20	Autumn	
	Compulsory Total		20		

You must take ONE of the following compulsory modules:

Stage 3					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
COMP6030	Group Project	6	40	Spring & Summer	Cannot be compensated or condoned.
COMP6035†	Research Project	6	40	Spring & Summer	Cannot be compensated or condoned.
	Compulsory Total		40		

† All students will be registered to COMP6030 automatically. Students wishing to take COMP6035 need to have an average of 70%+ in stage 2 and should contact progadmin@kent.ac.uk to ask for details of how to apply.

PLUS 40 credits from the following optional Computing modules:

Stage 3 Optional Modules					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
COMP6002	Natural Computation	6	20	Autumn	
COMP6003	Software Engineering Practice	6	20	Autumn	
COMP6004	Machine Learning Algorithms	6	20	Autumn	
COMP6005	Information Security Management	6	20	Autumn	
COMP6006	Blockchain and Distributed Systems: Foundations, Security and Applications	6	20	Autumn	
COMP6007	Computing Law and Professional Responsibility	6	20	Autumn	
COMP6008	Computational Creativity and Creative AI	6	20	Spring	
COMP6009	Cognitive Robotics	6	20	Autumn	
COMP6010	Computational Intelligence in Business, Economics and Finance	6	20	Autumn	
COMP6011	Computer Networks and Communication	6	20	Spring	
COMP6012	Programming Languages: Applications and Design	6	20	Summer	
COMP6014	Knowledge Graphs and Network Analytics	6	20	Summer	
COMP6015	Internet of Things	6	20	Summer	

Stage 3 Optional Modules					
COMP6016	Programming Language Implementation	6	20	Spring	
COMP6017	Signal, Image, and Data Analysis	6	20	Autumn	
COMP6018	Theory and Practice of Concurrency	6	20	Autumn	
COMP6019	Video Games Development	6	20	Autumn	
COMP6020	Computing in the Classroom	6	20	Spring	
COMP6025	Deep Learning	6	20	Summer	
COMP6028	Natural Language Processing	6	20	Spring	
COMP7004	Data Mining and Knowledge Discovery	7	20	Spring	
COMP7005	eHealth	7	20	Summer	
COMP7006	Introduction to Quantum Computing & Quantum Cryptography	7	20	Summer	

The remaining 20 credits can be selected from any of the Computing modules above or from the modules below (students may choose no more than 20 credits at level 5):

Stage 3 Optional Modules					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
BUSB5033	Enterprise and Entrepreneurship	5	20	Summer	
EENG5108	Image Analysis and Applications	5	20	Spring	

ALL Stage 3 Student should be enrolled in these non-contributing modules

Stage 3					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
WCOMP103	Stage 3 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP003	Computing Industrial Practice Stage 3	W	0	Autumn, Spring & Summer	

BUSINESS INFORMATION TECHNOLOGY   **UBIT0001X2BS-F**
BUSINESS INFORMATION TECHNOLOGY WITH A YEAR IN INDUSTRY   **UBIT0001P2BS-F**

STAGE 2

You must take 120 credits in total - 40 in each term

You must take the following compulsory modules:

Stage 2					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
BUSB5030	Business Ethics and Sustainability	5	20	Autumn	.
BUSB5031	Project Management	5	20	Spring	
BUSB5032	Operations Management	5	20	Spring	
COMP5001	Database Systems	5	20	Autumn	
COMP5008	Web Development	5	20	Summer	
COMP5009	Software Development	5	20	Summer	
	Compulsory Total		120		

ALL Stage 2 Student should be enrolled in these non-contributing modules

Stage 2					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
WCOMP102	Stage 2 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP001	Computing Industrial Practice Stage 2	W	0	Autumn, Spring & Summer	

BUSINESS INFORMATION TECHNOLOGY WITH A YEAR IN INDUSTRY   **UBIT0001P2BS-F**

STAGE S

You must take the following compulsory modules:

Stage S – For Students on a Year in Industry					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6022	Industrial Placement Experience	6	100	Autumn, Spring & Summer	
COMP6023	Industrial Placement Report	6	20	Autumn, Spring & Summer	
	Compulsory Total		120		

BUSINESS INFORMATION TECHNOLOGY   **UBIT0001X2BS-F**
BUSINESS INFORMATION TECHNOLOGY WITH A YEAR IN INDUSTRY   **UBIT0001P2BS-F**

STAGE 3

You must take 120 credits in total - 40 in each term

You must take the following compulsory modules:

Stage 3					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
BUSB5033	Enterprise and Entrepreneurship	5	20	Summer	
COMP6030	Group Project	6	40	Spring & Summer	Cannot be compensated or condoned.
			Compulsory Total	60	

PLUS 20 credits from the following optional Computing modules.

Stage 3 Optional Modules					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6005	Information Security Management	6	20	Autumn	
COMP6007	Computing Law and Professional Responsibility	6	20	Autumn	
COMP6008	Computational Creativity and Creative AI	6	20	Spring	
COMP6009	Cognitive Robotics	6	20	Autumn	
COMP6010	Computational Intelligence in Business, Economics and Finance	6	20	Autumn	
COMP6017	Signal, Image, and Data Analysis	6	20	Autumn	
COMP6019	Video Games Development	6	20	Autumn	
COMP6020	Computing in the Classroom	6	20	Spring	
COMP7004	Data Mining and Knowledge Discovery	7	20	Spring	

PLUS 20 credits from the following optional Business modules.

Stage 3 Optional Modules					
BUSB6002	Behavioural Science in the Workplace	6	20	Spring	
BUSB6003	Business Strategy	6	20	Autumn	
BUSB6006	Digital and Social Media Analytics	6	20	Spring	
BUSB6016	New Venture Creation	6	20	Spring	
BUSB6030	Simulation Modelling	6	20	Spring	
BUSB6032	Leading People in Organizations	6	20	Autumn	

The remaining **20 credits** can be selected from any of the optional modules listed in the two tables above.

ALL Stage 3 Student should be enrolled in these non-contributing modules

Stage 3					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
WCOMP103	Stage 3 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP003	Computing Industrial Practice Stage 3	W	0	Autumn, Spring & Summer	

COMPUTER SCIENCE	UCSC0001X1BS-F
COMPUTER SCIENCE WITH A YEAR IN INDUSTRY	**UCSC0001P1BS-F**
COMPUTER SCIENCE WITH AN INTERNATIONAL YEAR ONE	**UCSC0001X9BS-F**
COMPUTER SCIENCE WITH AN INTERNATIONAL FOUNDATION YEAR	**UCSC0001F9BS-F**
COMPUTER SCIENCE WITH AN INTERNATIONAL FOUNDATION YEAR AND A YEAR IN INDUSTRY	**UCSC0001F8BS-F**

STAGE 2

You must take 120 credits in total - 40 in each term

You must take the following compulsory modules:

Stage 2					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP5000	Algorithms	5	20	Autumn	.
COMP5001	Database Systems	5	20	Autumn	
COMP5008	Web Development	5	20	Summer	
COMP5009	Software Development	5	20	Summer	
		Compulsory Total	80		

PLUS 40 credits from the following optional modules:

Stage 2 Optional Modules					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP5002	Functional Programming	5	20	Spring	
COMP5003	Fundamentals of Artificial Intelligence	5	20	Spring	
COMP5006	Fundamentals of Cyber Security	5	20	Spring	

ALL Stage 2 Student should be enrolled in these non-contributing modules

Stage 2					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
WCOMP102	Stage 2 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP001	Computing Industrial Practice Stage 2	W	0	Autumn, Spring & Summer	

COMPUTER SCIENCE WITH A YEAR IN INDUSTRY　　　　　　**UCSC0001P1BS-F**

STAGE S

You must take the following compulsory modules:

Stage S – For Students on a Year in Industry					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
COMP6022	Industrial Placement Experience	6	100	Autumn, Spring & Summer	
COMP6023	Industrial Placement Report	6	20	Autumn, Spring & Summer	
Compulsory Total			120		

STAGE 3

You must take 120 credits in total -   40 in each term

You must take ONE OF the following compulsory modules:

Stage 3					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6030	Group Project	6	40	Spring & Summer	Cannot be compensated or condoned.
COMP6035†	Research Project	6	40	Spring & Summer	Cannot be compensated or condoned.
		Compulsory Total	40		

† All students will be registered on COMP6030 automatically. Students wishing to take COMP6035 need to have an average of 70%+ in stage 2 and an approved research proposal. Students should contact the school via progadmin@kent.ac.uk to ask for details of how to apply.

PLUS 60 credits from the following optional Computing modules.

Stage 3 Optional Modules					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6002	Natural Computation	6	20	Autumn	
COMP6003	Software Engineering Practice	6	20	Autumn	
COMP6004	Machine Learning Algorithms	6	20	Autumn	
COMP6005	Information Security Management	6	20	Autumn	
COMP6006	Blockchain and Distributed Systems: Foundations, Security and Applications	6	20	Autumn	
COMP6007	Computing Law and Professional Responsibility	6	20	Autumn	
COMP6008	Computational Creativity and Creative AI	6	20	Spring	
COMP6009	Cognitive Robotics	6	20	Autumn	
COMP6010	Computational Intelligence in Business, Economics and Finance	6	20	Autumn	
COMP6011	Computer Networks and Communication	6	20	Spring	
COMP6012	Programming Languages: Applications and Design	6	20	Summer	
COMP6014	Knowledge Graphs and Network Analytics	6	20	Summer	
COMP6015	Internet of Things	6	20	Summer	
COMP6016	Programming Language Implementation	6	20	Spring	
COMP6017	Signal, Image, and Data Analysis	6	20	Autumn	
COMP6018	Theory and Practice of Concurrency	6	20	Autumn	
COMP6019	Video Games Development	6	20	Autumn	
COMP6020	Computing in the Classroom	6	20	Spring	
COMP6025	Deep Learning	6	20	Summer	

Stage 3 Optional Modules					
COMP6028	Natural Language Processing	6	20	Spring	
COMP7004	Data Mining and Knowledge Discovery	7	20	Spring	
COMP7005	eHealth	7	20	Summer	
COMP7006	Introduction to Quantum Computing & Quantum Cryptography	7	20	Summer	

The remaining 20 credits can be selected from any of the Computing modules above or from the modules below (students may choose no more than 20 credits at level 5):

Stage 3 Optional Modules					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
BUSB5033	Enterprise and Entrepreneurship	5	20	Summer	
EENG5108	Image Analysis and Applications	5	20	Spring	

ALL Stage 3 Student should be enrolled in these non-contributing modules

Stage 3					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
WCOMP103	Stage 3 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP003	Computing Industrial Practice Stage 3	W	0	Autumn, Spring & Summer	

COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE)   **UCAI0001X2BS-F**

COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE) WITH A YEAR IN INDUSTRY   **UCAI0001P2BS-F**

COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE) WITH AN INTERNATIONAL YEAR ONE   **UCAI0001X9BS-F**

STAGE 2

You must take 120 credits in total - 40 in each term

You must take the following compulsory modules:

Stage 2					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP5000	Algorithms	5	20	Autumn	.
COMP5001	Database Systems	5	20	Autumn	
COMP5003	Fundamentals of Artificial Intelligence	5	20	Spring	
COMP5008	Web Development	5	20	Summer	
COMP5009	Software Development	5	20	Summer	
		Compulsory Total	100		

PLUS 20 credits from the following optional modules:

Stage 2 Optional Modules					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP5002	Functional Programming	5	20	Spring	
COMP5006	Fundamentals of Cyber Security	5	20	Spring	

ALL Stage 2 Student should be enrolled in these non-contributing modules

Stage 2					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
WCOMP102	Stage 2 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP001	Computing Industrial Practice Stage 2	W	0	Autumn, Spring & Summer	

COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE) WITH A YEAR IN INDUSTRY   UCAI0001P2BS-F

You must take the following compulsory modules:

KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
Stage S – For Students on a Year in Industry					
COMP6022	Industrial Placement Experience	6	100	Autumn, Spring & Summer	
COMP6023	Industrial Placement Report	6	20	Autumn, Spring & Summer	
		Compulsory Total	120		

COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE)   **UCAI0001X2BS-F**
COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE) WITH A YEAR IN INDUSTRY   **UCAI0001P2BS-F**

STAGE 3

You must take 120 credits in total - 40 in each term

You must take the following compulsory module:

Stage 3					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6004	Machine Learning Algorithms	6	20	Autumn	
	Compulsory Total		20		

You must take ONE of the following compulsory modules:

Stage 3					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6030	Group Project	6	40	Spring & Summer	Cannot be compensated or condoned.
COMP6035†	Research Project	6	40	Spring & Summer	Cannot be compensated or condoned.
	Compulsory Total		40		

† All students will be registered on COMP6030 automatically. Students wishing to take COMP6035 need to have an average of 70%+ in stage 2 and an approved research proposal. Students should contact the school via progadmin@kent.ac.uk to ask for details of how to apply.

PLUS 40 credits from the following optional Computing modules:

Stage 3 Optional Modules					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6002	Natural Computation	6	20	Autumn	
COMP6003	Software Engineering Practice	6	20	Autumn	
COMP6004	Machine Learning Algorithms	6	20	Autumn	
COMP6005	Information Security Management	6	20	Autumn	
COMP6006	Blockchain and Distributed Systems: Foundations, Security and Applications	6	20	Autumn	
COMP6007	Computing Law and Professional Responsibility	6	20	Autumn	
COMP6008	Computational Creativity and Creative AI	6	20	Spring	
COMP6009	Cognitive Robotics	6	20	Autumn	
COMP6010	Computational Intelligence in Business, Economics and Finance	6	20	Autumn	
COMP6011	Computer Networks and Communication	6	20	Spring	
COMP6012	Programming Languages: Applications and Design	6	20	Summer	
COMP6014	Knowledge Graphs and Network Analytics	6	20	Summer	

Stage 3 Optional Modules					
COMP6015	Internet of Things	6	20	Summer	
COMP6016	Programming Language Implementation	6	20	Spring	
COMP6017	Signal, Image, and Data Analysis	6	20	Autumn	
COMP6018	Theory and Practice of Concurrency	6	20	Autumn	
COMP6019	Video Games Development	6	20	Autumn	
COMP6020	Computing in the Classroom	6	20	Spring	
COMP6025	Deep Learning	6	20	Summer	
COMP6028	Natural Language Processing	6	20	Spring	
COMP7004	Data Mining and Knowledge Discovery	7	20	Spring	
COMP7005	eHealth	7	20	Summer	
COMP7006	Introduction to Quantum Computing & Quantum Cryptography	7	20	Summer	

The remaining 20 credits can be selected from any of the Computing modules above or from the modules below (students may choose no more than 20 credits at level 5):

Stage 3 Optional Modules					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
BUSB5033	Enterprise and Entrepreneurship	5	20	Summer	
EENG5108	Image Analysis and Applications	5	20	Spring	

ALL Stage 3 Student should be enrolled in these non-contributing modules

Stage 3					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
WCOMP103	Stage 3 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP003	Computing Industrial Practice Stage 3	W	0	Autumn, Spring & Summer	

COMPUTER SCIENCE (CYBER SECURITY)   **UCYB0001X1BS-F**
COMPUTER SCIENCE (CYBER SECURITY) WITH A YEAR IN
INDUSTRY   **UCYB0001P1BS-F**

STAGE 2

You must take 120 credits in total - 40 in each term

You must take the following compulsory modules:

KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
**Stage 2**					
COMP5000	Algorithms	5	20	Autumn	.
COMP5001	Database Systems	5	20	Autumn	
COMP5006	Fundamentals of Cyber Security	5	20	Spring	
COMP5008	Web Development	5	20	Summer	
COMP5009	Software Development	5	20	Summer	
	Compulsory Total		100		

PLUS 20 credits from the following optional modules:

KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
**Stage 2 Optional Modules**					
COMP5002	Functional Programming	5	20	Spring	
COMP5003	Fundamentals of Artificial Intelligence	5	20	Spring	

ALL Stage 2 Student should be enrolled in these non-contributing modules

KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
**Stage 2**					
WCOMP102	Stage 2 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP001	Computing Industrial Practice Stage 2	W	0	Autumn, Spring & Summer	

COMPUTER SCIENCE (CYBER SECURITY) WITH A YEAR IN INDUSTRY
UCYB0001P1BS-F

You must take the following compulsory modules:

KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
Stage S – For Students on a Year in Industry					
COMP6022	Industrial Placement Experience	6	100	Autumn, Spring & Summer	
COMP6023	Industrial Placement Report	6	20	Autumn, Spring & Summer	
	Compulsory Total		120		

COMPUTER SCIENCE (CYBER SECURITY)   **UCYB0001X1BS-F**
COMPUTER SCIENCE (CYBER SECURITY) WITH A YEAR IN
INDUSTRY   **UCYB0001P1BS-F**
COMPUTER SCIENCE (CYBER SECURITY) WITH AN
INTERNATIONAL FOUNDATION YEAR   **UCYB0001F9BS-F**

STAGE 3

You must take 120 credits in total - 40 in each term

You must take the following compulsory modules:

Stage 3					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6005	Information Security Management	6	20	Autumn	
COMP6006	Blockchain and Distributed Systems: Foundations, Security and Applications	6	20	Autumn	
		Compulsory Total	40		

You must take ONE of the following compulsory modules:

Stage 3					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6030	Group Project	6	40	Spring & Summer	Cannot be compensated or condoned.
COMP6035†	Research Project	6	40	Spring & Summer	Cannot be compensated or condoned.
		Compulsory Total	40		

† All students will be registered on COMP6030 automatically. Students wishing to take COMP6035 need to have an average of 70%+ in stage 2 and an approved research proposal. Students should contact the school via progadmin@kent.ac.uk to ask for details of how to apply.

PLUS 20 credits from the following optional modules:

Stage 3 Optional Modules					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6008	Computational Creativity and Creative AI	6	20	Spring	
COMP6011	Computer Networks and Communication	6	20	Spring	
COMP6012	Programming Languages: Applications and Design	6	20	Summer	
COMP6014	Knowledge Graphs and Network Analytics	6	20	Summer	
COMP6015	Internet of Things	6	20	Summer	
COMP6016	Programming Language Implementation	6	20	Spring	
COMP6020	Computing in the Classroom	6	20	Spring	
COMP6025	Deep Learning	6	20	Summer	
COMP6028	Natural Language Processing	6	20	Spring	
COMP7004	Data Mining and Knowledge Discovery	7	20	Spring	
COMP7006	Introduction to Quantum Computing & Quantum Cryptography	7	20	Summer	

The remaining 20 credits can be selected from any of the modules above or from the modules below (students may choose no more than 20 credits at level 5):

Stage 3 Optional Modules					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
BUSB5033	Enterprise and Entrepreneurship	5	20	Summer	
EENG5108	Image Analysis and Applications	5	20	Spring	

ALL Stage 3 Student should be enrolled in these non-contributing modules

Stage 3					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
WCOMP103	Stage 3 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP003	Computing Industrial Practice Stage 3	W	0	Autumn, Spring & Summer	

SOFTWARE ENGINEERING   USWE0001X2BS-F
SOFTWARE ENGINEERING WITH A YEAR IN INDUSTRY   USWE0001P2BS-F

STAGE 2

You must take 120 credits in total -   40 in each term

You must take the following compulsory modules:

Stage 2					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP5000	Algorithms	5	20	Autumn	.
COMP5001	Database Systems	5	20	Autumn	
COMP5007	Software Project	5	20	Spring	
COMP5008	Web Development	5	20	Summer	
COMP5009	Software Development	5	20	Summer	
	Compulsory Total		100		

PLUS 20 credits from the following optional modules:

Stage 2 Optional Modules					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP5002	Functional Programming	5	20	Spring	
COMP5003	Fundamentals of Artificial Intelligence	5	20	Spring	
COMP5006	Fundamentals of Cyber Security	5	20	Spring	

ALL Stage 2 Student should be enrolled in these non-contributing modules

Stage 2					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
WCOMP102	Stage 2 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP001	Computing Industrial Practice Stage 2	W	0	Autumn, Spring & Summer	

SOFTWARE ENGINEERING WITH A YEAR IN INDUSTRY   USWE0001P2BS-F

You must take the following compulsory modules:

KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
Stage S – For Students on a Year in Industry					
COMP6022	Industrial Placement Experience	6	100	Autumn, Spring & Summer	
COMP6023	Industrial Placement Report	6	20	Autumn, Spring & Summer	
			Compulsory Total	120	

SOFTWARE ENGINEERING   **USWE0001X2BS-F**
SOFTWARE ENGINEERING WITH A YEAR IN INDUSTRY   **USWE0001P2BS-F**

STAGE 3

You must take 120 credits in total -   40 in each term

You must take the following compulsory modules:

Stage 3					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6003	Software Engineering Practice	6	20	Autumn	
COMP6030	Group Project	6	40	Spring & Summer	Cannot be compensated or condoned.
		Compulsory Total	60		

PLUS 40 credits from the following optional Computing modules:

Stage 3 Optional Modules					
KV CODE	**MODULE TITLE**	**LEVEL**	**CREDITS**	**TERM**	**NOTES**
COMP6002	Natural Computation	6	20	Autumn	
COMP6004	Machine Learning Algorithms	6	20	Autumn	
COMP6005	Information Security Management	6	20	Autumn	
COMP6006	Blockchain and Distributed Systems: Foundations, Security and Applications	6	20	Autumn	
COMP6007	Computing Law and Professional Responsibility	6	20	Autumn	
COMP6008	Computational Creativity and Creative AI	6	20	Spring	
COMP6009	Cognitive Robotics	6	20	Autumn	
COMP6010	Computational Intelligence in Business, Economics and Finance	6	20	Autumn	
COMP6011	Computer Networks and Communication	6	20	Spring	
COMP6012	Programming Languages: Applications and Design	6	20	Summer	
COMP6014	Knowledge Graphs and Network Analytics	6	20	Summer	
COMP6015	Internet of Things	6	20	Summer	
COMP6016	Programming Language Implementation	6	20	Spring	
COMP6017	Signal, Image, and Data Analysis	6	20	Autumn	
COMP6018	Theory and Practice of Concurrency	6	20	Autumn	
COMP6019	Video Games Development	6	20	Autumn	
COMP6020	Computing in the Classroom	6	20	Spring	
COMP6025	Deep Learning	6	20	Summer	
COMP6028	Natural Language Processing	6	20	Spring	
COMP7004	Data Mining and Knowledge Discovery	7	20	Spring	
COMP7005	eHealth	7	20	Summer	
COMP7006	Introduction to Quantum Computing & Quantum Cryptography	7	20	Summer	

The remaining 20 credits can be selected from any of the Computing modules above or from the modules below (students may choose no more than 20 credits at level 5):

Stage 3 Optional Modules					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
BUSB5033	Enterprise and Entrepreneurship	5	20	Summer	
EENG5108	Image Analysis and Applications	5	20	Spring	

ALL Stage 3 Student should be enrolled in these non-contributing modules

Stage 3					
KV CODE	MODULE TITLE	LEVEL	CREDITS	TERM	NOTES
WCOMP103	Stage 3 Additional Content	W	0	Autumn, Spring & Summer	
WCOMP003	Computing Industrial Practice Stage 3	W	0	Autumn, Spring & Summer	