Informatics - Course List Check - what is running in 2018/19 and what can be closed or suspended?

SCQF Level 08 (13 courses)

Code	Course Name	Period (ran in 1718?)	Credits	VM Comments	Status for 18/19?	
INFR08022	Computer Programming Skills and Concepts	Semester 1	20		Running	
INFR08024	*Data, Design and Society*	*Not delivered this year*	*20*	Ran once only - last in 2015/16	Close or suspend?	
INFR08023	Discrete Mathematics and Mathematical Reasoning	Semester 1	20		Running	
INFR08020	Informatics 1 - Cognitive Science	Semester 2	20		Running	
INFR08012	Informatics 1 - Computation and Logic	Semester 1	10	Replaced by combined INF1-FP + CL (Informatics 1A)	Closure?	to close once new course is created
INFR08015	Informatics 1 - Data and Analysis	Semester 2	10		Running	
INFR08013	Informatics 1 - Functional Programming	Semester 1	10	Replaced by combined INF1-FP + CL (Informatics 1A)	Closure?	to close once new course is created
INFR08014	Informatics 1 - Object-Oriented Programming	Semester 2	10		Running	
INFR08008	Informatics 2A - Processing Formal and Natural	Semester 1	20		Running	
INFR08009	Informatics 2B - Algorithms, Data Structures, Learning	Semester 2	20		Running	
INFR08018	Informatics 2C - Introduction to Computer Systems	Semester 1	10		Running	
INFR08019	Informatics 2C - Introduction to Software Engineering	Semester 1	10		Running	
INFR08010	Informatics 2D - Reasoning and Agents	Semester 2	20		Running	

SCQF Level 09 (15 courses)

Code	Course Name	Period (ran in 1718?)	Credits	VM Comments	Status for 18/19?	
INFR09043	AI Large Practical	Semester 1	20	Replaced by 'Informatics Large Practical (ILP)'	Closure?	to close once new course is created
INFR09042	Automated Reasoning	Semester 1	10		Running	
INFR09009	Computer Architecture	Semester 2	10		Running	
INFR09046	Computer Design	Semester 1	20		Running	
INFR09044	Computer Science Large Practical	Semester 1	20	Replaced by 'Informatics Large Practical (ILP)'	Closure	to close once new course is created
INFR09028	Foundations of Natural Language Processing	Semester 2	10		Running	
INFR09037	*Introduction to Computational Neuroscience*	*Not delivered this year*	*10*	Course has never been delivered (CO - Nigel Goddard)	Close or suspend?	
INFR09021	Introduction to Java Programming	Semester 1	10		Running	
INFR09050	Introduction to Java Programming	Semester 1	10		Running	
INFR09019	Introduction to Vision and Robotics	Semester 1	10		Running	
INFR09019	*Introduction to Vision and Robotics*	*Semester 1*	*10*		Running	
INFR09031	*Logic Programming*	*Not delivered this year*	*10*	Not delivered since 2015/16 (Alan Smaill)	Close or suspend?	
INFR09047	Operating Systems	Semester 2	20		Running	
INFR09045	Software Engineering Large Practical	Semester 1	20	Replaced by 'Informatics Large Practical (ILP)'	Closure	to close once new course is created
INFR09032	System Design Project	Semester 2	20		Running	
INFR09041	*Undergraduate Research Practical*	*Not delivered this year*	*10*	Not delivered since 2015/16 (John Lee)	Close or suspend?	

SCQF Level 10 (18 courses)

Code	Course Name	Period (ran in 1718?)	Credits	VM Comments	Status for 18/19?
INFR10073	*Agent Based Systems*	*Not delivered this year*	*10*	Has never been delivered (online version)	??
INFR10049	*Agent Based Systems (Level 10)*	*Not delivered this year*	*10*	Last delivered 2016/17 (Michael Rovatsos)	??
INFR10052	Algorithms and Data Structures	Semester 2	10		Running
INFR10065	Compiling Techniques	Semester 1	20		Running
INFR10054	Computational Cognitive Science	Semester 1	10		Running
INFR10074	Computer Communications and Networks	Semester 1	20		Running
INFR10067	Computer Security	Semester 1	20		Running

INFR10070	Database Systems	Semester 1	20		Running
INFR10061	Elements of Programming Languages	Semester 1	10	Advised not running 18/19	Suspend?
INFR10044	Honours Project (Informatics)	Full Year	40		Running
INFR10005	Intelligent Autonomous Robotics (Level 10)	Semester 1	10		Running
INFR10059	Introduction to Theoretical Computer Science	Semester 2	10		Running
INFR10069	Introductory Applied Machine Learning	Semester 1	20		Running
INFR10051	MInf Project (Part 1)	Flexible	40		Running
INFR10022	Professional Issues (Level 10)	Semester 1	10		Running
INFR10064	Software Design and Modelling	*Not delivered this year*	20	Last delivered 2016/17 (Perdita confirmed is running 18/19)	Running
INFR10057	Software Testing	Semester 2	10		Running

SCQF Level 11 (90 courses)

Code	Course Name	Period (ran in 1718?)	Credits	VM Comments	Status for 18/19?
INFR11125	Accelerated Natural Language Processing	Semester 1	20		Running
INFR11069	Adaptive Learning Environments 1 (Level 11)	Semester 2	10	Helen Pain on sabbatical 18/19	Suspend?
INFR11011	Advanced Databases (Level 11)	Semester 2	10		
INFR11122	Advanced Topics in Foundations of Databases	Semester 2	20		
INFR11151	Advanced Vision	Semester 2	10		
INFR11031	Advanced Vision (Level 11)	Semester 2	10		
INFR11101	Advances in Programming Languages	*Not delivered this year*	10	Does this run every two years? (1415 & 1617 so far -Ian Stark)	Run or Suspend?
INFR11020	Algorithmic Game Theory and its Applications	Semester 2	10		
INFR11015	Applied Databases	*Not delivered this year*	10	Sgilmore advised removal from Hons L11 course collection (SManeth)	Closure?
INFR11033	Automatic Speech Recognition	Semester 2	10		
INFR11016	Bioinformatics 1	Semester 1	10		
INFR11005	Bioinformatics 2	Semester 2	10	Creating new L11 UG4 version - keep this as well or delete?	Suspend or Close?
INFR11144	Blockchains and Distributed Ledgers	Semester 1	10		
INFR11144	Blockchains and Distributed Ledgers	*Semester 1*	*10*		
INFR11094	Case Studies in Design Informatics 1	Semester 1	20		
INFR11095	Case Studies in Design Informatics 2	Semester 1	20		
INFR11128	Categories and Quantum Informatics	Semester 2	10		
INFR11032	Compiler Optimisation (Level 11)	Semester 2	10		
INFR11036	Computational Cognitive Neuroscience	Semester 1	10		
INFR11102	Computational Complexity	Semester 2	10		
INFR11037	Computational Neuroscience of Vision	*Not delivered this year*	10	Last delivered 14/15 (James Bednar)	Closure?
INFR11111	Computer Algebra	Semester 2	10		
INFR11067	Computer Animation & Visualisation (Level 11)	Semester 2	10		
INFR11021	Computer Graphics (Level 11)	Semester 1	10		
INFR11021	Computer Graphics (Level 11)	*Semester 1*	*10*		
INFR11049	Computer Networking (Level 11)	Semester 2	10		
INFR11115	Credits Awarded for Autonomous Systems Research	Semester 1	30		
INFR11116	Credits Awarded for Taught Courses [Heriot Watt	Flexible	15		
INFR11117	Credits Awarded for Taught Courses [Heriot Watt	Flexible	15		
INFR11007	Data Mining and Exploration	Semester 2	10		
INFR11090	Decision Making in Robots and Autonomous Agents	Semester 2	10		
INFR11022	Distributed Systems (Level 11)	Semester 2	10		
INFR11088	Extreme Computing	Semester 1	10		
INFR11088	Extreme Computing	*Semester 1*	*10*		
INFR11129	Formal Verification	Semester 2	10		

INFR11017	Human-Computer Interaction (Level 11)	Semester 1	10		
INFR11140	Image and Vision Computing	Semester 1	10		
INFR11147	Informatics Project Proposal	Semester 2	10		
INFR11137	*Informatics Research Proposal*	*Not delivered this year*	*10*	Replaced by IPP for 17/18 onward.	Closure?
INFR11136	Informatics Research Review	Semester 1	10		
INFR11087	*Information Theory*	*Not delivered this year*	*10*	Last delivered 14/15 (Stratis Viglas)	Closure?
INFR11146	Internet of Things Systems, Security, and the Cloud	Semester 2	20		
INFR11131	Introduction to Modern Cryptography	Semester 1	10		
INFR11131	*Introduction to Modern Cryptography*	*Semester 1*	*10*		
INFR11099	Introduction to Quantum Computing	Semester 1	10		
INFR11099	*Introduction to Quantum Computing*	*Semester 1*	*10*		
INFR11105	*Introduction to Research in Data Science*	*Not delivered this year*	*30*	Replaced by 20 credit version INFR11138	Closure?
INFR11138	Introduction to Research in Data Science	Semester 1	20		
INFR11153	Introduction to Vision and Robotics	Semester 1	10		
INFR11152	Introductory Applied Machine Learning	Semester 1	20		
INFR11093	MInf Project (Part 2)	Flexible	40		
INFR11077	MSc Dissertation (Informatics)	Block 5 (Sem 2) and beyon	60		Running
INFR11043	*MSc Research Thesis (Neuroinformatics)*	*Not delivered this year*	*80*	Last delivered 13/14	Closure?
INFR11106	MSc by Research Thesis (Data Science)	Block 5 (Sem 2) and beyon	90		
INFR11107	MSc by Research Thesis (Data Science; 120pt)	Full Year	120		
INFR11109	MSc by Research Thesis (Pervasive Parallelism)	Full Year	140		
INFR11135	*Machine Learning Methods for Data Science*	*Not delivered this year*	*20*	Has never been delivered (Nigel Goddard)	Suspend or Close?
INFR11132	Machine Learning Practical	Full Year	20		
INFR11130	Machine Learning and Pattern Recognition	Semester 1	20		
INFR11062	Machine Translation (Level 11)	Semester 2	10	Being replaced by new 20 credit course 'NLU+' (see BoS 21/03/18)	Closure?
INFR11097	Masters Dissertation (Design Informatics)	Flexible	60		
INFR11079	Music Informatics	Semester 2	10		
INFR11060	*Natural Language Generation (Level 11)*	*Not delivered this year*	*10*	Being replaced by new 20 credit course 'NLU+' (see BoS 21/03/18)	Closure?
INFR11061	Natural Language Understanding (Level 11)	Semester 2	10	Being replaced by new 20 credit course 'NLU+' (see BoS 21/03/18)	Closure?
INFR11008	Neural Computation	Semester 1	10	Creating new L11 UG4 version - keep this as well or delete?	Suspend or Close?
INFR11008	*Neural Computation*	*Semester 1*	*10*		
INFR11035	Neural Information Processing	Semester 2	10		
INFR11042	*Neuroinformatics Research*	*Not delivered this year*	*20*	Last delivered 13/14 (James Bednar)	Closure?
INFR11024	Parallel Architectures (Level 11)	Semester 2	10		
INFR11023	Parallel Programming Languages and Systems (Level	Semester 2	10		
INFR11082	Performance Modelling (Level 11)	Semester 1	10		
INFR11082	*Performance Modelling (Level 11)*	*Semester 1*	*10*		
INFR11108	Pervasive Parallelism	Semester 1	20		
INFR11150	Principles and Design of IoT Systems	Semester 1	20		
INFR11048	*Principles of Neuroscience*	*Not delivered this year*	*40*	Last delivered 13/14 (James Bednar)	Closure?
INFR11134	Probabilistic Modelling and Reasoning	Semester 2	20		
INFR11089	Randomness and Computation	Semester 2	10		
INFR11010	Reinforcement Learning	Semester 2	10		
INFR11142	Robot Learning and Sensorimotor Control	Semester 2	20		
INFR11118	Robotics and Autonomous Systems Research Thesis	Block 5 (Sem 2) and beyon	100		
INFR11092	Robotics: Science and Systems	Semester 1	20		
INFR11123	*Scalable Data Management Systems*	*Not delivered this year*	*10*	Sgilmore advised removal from all course collections? (Stratis Viglas)	Closure?
INFR11098	Secure Programming	Semester 2	10		
INFR11104	*Semantic Web Systems*	*Not delivered this year*	*10*	Last delivered 15/16 (Jacques Fleuriot)	Suspend or Close?

INFR11124	Social and Technological Networks	Semester 1	10		
INFR11124	Social and Technological Networks	Semester 1	10		
INFR11038	Software Architecture, Process, and Management	Semester 2	10		
INFR11145	Text Technologies for Data Science	Semester 1	20		
INFR11145	Text Technologies for Data Science	Semester 1	20		
INFR11141	The Human Factor: Working with Users	Semester 2	10		
INFR11086	Topics in Cognitive Modelling (Level 11)	Not delivered this year	10	Last delivered 15/16 (John Lee)	Suspend or Close?
INFR11113	Topics in Natural Language Processing	Semester 2	10	Shay Cohen advised not running 18/19	Suspend?
INFR11114	Types and Semantics for Programming Languages	Semester 1	10		
INFR11114	Types and Semantics for Programming Languages	Semester 1	10		

Non-Informatics but included on Informatics DRPS as related to Design Informatics MSc

DESI11100	Data Science for Design	Semester 1	20
DESI11027	Design For Informatics	Not delivered this year	20
DESI11026	Design Informatics Project	Semester 2	20
DESI11025	Design with Data	Semester 2	20
DESI11028	Dissertation (Design, Context & Communication)	Block 5 (Sem 2) and beyon	60
DESI11028	Dissertation (Design, Context & Communication)	Semester 2	60
DESI11073	Histories and Futures of Technology	Semester 1	20