

**4.2 Programme Requirements:**

The Course consists of study-units to which 180 ECTS credits are assigned.

**4.3 Programme Details and Results:**

Year	Code	Title of Study-Unit	ECTS Credits	% Marks	Grade
2012/3	CIS1017	Data Structures and Algorithms 1, and Programming Paradigms	6	45	D
2012/3	CIS1024	Information Systems	6	67	C+
2012/3	CIS1042	Introduction to Databases and Information Management	6	60	C
2012/3	CIS1053	Web Programming	2	81	A
2012/3	CIS1101	Data Structures with Java Objects	4	82	A
2012/3	CIS1102	Computer Platforms and Applied Operating Systems	4	71	B
2012/3	CIS1104	Networking	5	36	CP
2012/3	CIS1105	Basic Research Methods and Teamwork	4	86	A
2012/3	CIS1106	Social, Ethical and Professional Issues	2	63	C
2012/3	CIS1107	Introduction to Software Engineering	6	51	D+
2012/3	CPS1002	Mathematics of Discrete Structures 1	5	59	C
2012/3	CPS1003	Programming Principles in C	4	92	A
2012/3	LIN1063	Academic Reading and Writing in English (ICT)	2	48	D
2012/3	SOR0210	Data Treatment and Probability	2	76	B+
2012/3	SOR0220	Elementary Statistical Theory	2	45	D*
2013/4	CIS2054	Web Applications Architecture and Systems Development	4	81	A
2013/4	CIS2090	Practical Design and Implementation with DBMS	4	52	D+
2013/4	CIS2101	Object Oriented Programming (Java and C# for .NET Framework Platform)	6	74	B
2013/4	CIS2102	Security and Information Assurance	4	64	C
2013/4	CIS2103	Distributed Computing and Distributed Databases	5	61	C
2013/4	CIS2104	Group APT	12	79	B+
2013/4	CIS2105	User Interface Design	4	55	C
2013/4	CIS2106	Software Engineering	4	69	C+
2013/4	CIS2109	Mobile Computing	4	65	C+
2013/4	CPS2005	Formal Languages and Automata	5	36	CP
2013/4	CPS2006	Compilers: Theory and Practice	4	64	C
2013/4	ICS2212	Data Structures and Algorithms 2	4	52	D+
2014/5	CIS3041	Security, Quality and Risk Issues in I.S.	6	45	D*
2014/5	CIS3085	Entrepreneurship: Creation of Technological Start-ups	6	70	B
2014/5	CIS3086	Mobile Device Programming	6	60	C
2014/5	CIS3104	Computer Graphics Applications	6	47	D
2014/5	CIS3107	Advanced Databases: Data Mining and Warehousing	6	70	B
2014/5	CPS3222	Fundamentals of Software Testing	6	47	D
2014/5	ICT3904	Final Year Project in Software Development: An Urban Traffic Flow Description Language	24	46	D
2012/3	DGP0201	Voluntary Work 1			
2012/3	DGP0205	Voluntary Work Summer Programme			