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1	<b>STUDENT VERSION - COURSES OFFERED BY COMPUTER SCIENCE 2011-12</b> Updated June 1, 2011					
2	<b>SUBJECT TO CHANGE - USE UG CALENDAR &amp; PUBLIC CLASS SCHEDULE FOR OFFICIAL VERIFICATION</b>					
3	<b>COMP Course</b>	<b>2011-12 Term</b>	<b>PREREQS</b>	<b>NOTES/WHAT TO DO IF COURSE IS NOT OFFERED</b>	<b>COURSE NAME</b>	
4	1402	N	No longer offered	Students take COMP 2401	Introduction to Systems Programming	
5	1405	F or W			Introduction to Computer Science I (crosslisted with COMP 1005)	
6	1406	W	1405		Introduction to Computer Science II (crosslisted with COMP 1006)	
7	1501	W		Game stream only	Introduction to Computer Game Design	
8	1601	W	1405	Mobile stream only	Introduction to Mobile Application Development	
9	1805	F or W			Discrete Structures I (crosslisted with MATH 1805)	
10	2003	W	2401		Computer Organization	
11	2401	F	1406	COMP 2401 same credit as old COMP 1402	Introduction to Systems Programming (crosslisted with COMP 2001)	
12	2402	F	1406		Abstract Data Types & Algorithms (crosslisted with COMP 2002)	
13	2404	W	2401		Programming in C++ (crosslisted with COMP 2004)	
14	2405	W	1406 + 2401		Internet Application Programming (crosslisted with COMP 2005)	
15	2501	W	1406, 1501, 2401+ MATH 1104 or 1107	Game stream only	Computer Game Design and Development	
16	2601	W	1601	Mobile stream only	Mobile Applications	
17	2805	F	1805		Introduction to Theory of Computing	
18	3000	F or W	2402 + 2003		Operating Systems	
19	3002	F	2402		Compiler Construction	
20	3004	F or W	2404		Object-Oriented Software Engineering	
21	3005	F or W	2402		Database Management Systems	
22	3007	F or W	2402		Programming Paradigms	
23	3008	W	1406 + 2404		User Interface Architectures	
24	3104	N	no longer offered	Take SYSC 4106 prereq COMP3004	Foundations of Software Eng.	
25	3203	F	2402+ 2003		Principles of Computer Networks	
26	3308	N	BIOC 2200 or BIOL 2200	COMP at 2000-level or above	Bioinformatics (crosslisted with BIOC3008)	
27	3501	F	2402, 2404 + 2501	Game stream only	Foundations of Game Programming & Computer Graphics	
28	3601	N	2601	Mobile stream only -offered in 12 /13	Social Networking	
29	3804	F or W	2402 + 1805 or both MATH 2007 and 2108		Design & Analysis of Algorithms I (crosslisted with MATH 3804)	
30	4000	N	3000 + 3203	Not required in any COMP degree	Distributed Operating Systems	
31	4001	F	3000		Distributed Computing	
32	4002	N	2404	Not required in any COMP degree	Real Time 3-D Game Engines	
33	4003	W	2404 + 3005		Transaction Processing Systems	
34	4004	F	3004		Software Quality Assurance	
35	4009	N	2402, 2404 and 3000	COMP at 4000-level	Programming for Clusters & Multi-Core Processors	
36	4100	N	2 of: 2402, 2404, 2405		Multimedia Systems	
37	4101	N	no longer offered	Take any 4000-level COMP	Distributed Object Management & Transaction Proc.	
38	4104	F	2405 and 3004		Principles & Practice of Distributed Programming	
39	4106	F	3007		Artificial Intelligence	
40	4107	W	3007		Evolutionary Computation and Artificial Life	
41	4108	F	3000 and 3203		Computer Systems Security	
42	4109	W	2402 + one of MATH 2007, 2107 or 3101		Applied Cryptography	
43	4203	W	3203		Wireless Networks and Security	

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3	COMP Course	2011-12 Term	PREREQS	NOTES/WHAT TO DO IF COURSE IS NOT OFFERED	COURSE NAME	
44	4300	N	3804	COMP at 4000-level	Computational Molecular Biology	
45	4308	N	BIOC 3101	COMP at 4000-level	Computational Systems Biology (crosslisted with BIOC 4008)	
46	4501	W	3501	Game Stream only	Advanced Computer Game Design & Development	
47	4601	N	3601	Mobile Stream only - offered in 13/14	Mobile Multimedia	
48	4804	W	3804		Design & Analysis of Algorithms II	
49	4807	W	1406 + 2003		Mobile Robot Programming	
50	4900A/5900Y	W	Permission of the School	Professor Robert Biddle	Human-Computer Interaction for User Interface Design	
51	4900D	W	Permission of the School	Instructor Gerhard Roth - Comp Vision	Introduction to Computer Vision	
52	4905	F or W	Permission of the School	See School Website - Current Undergrad Info	Honours Project	
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54	<b>FOR REQUIRED COURSES OFFERED BY OTHER DEPARTMENTS, PLEASE SEE PUBLIC CLASS SCHEDULE</b>					
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56	<b>OTHER INFORMATION:</b>					
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58	BUSI 2300 - no longer offered - take BUSI 2301					
59	BUSI 2504 - take BUSI 2503					
60	BUSI 3403 - no longer offered - take BUSI 3402					
61	CCDP 2000 - no longer offered - take any COMP or MATH at 2000-level or above					
62	COMP 1402 - no longer offered - take COMP 2401					
63	SYSC 3303 - offered in Winter term with prereqs of COMP 2003 and 2402					
64	SYSC 4106 - offered in Winter term with prereq of COMP 3004					



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