

Core Hours in Knowledge Areas

An overview of the number of core hours (both Tier-1 and Tier-2) by KA in the CS2013 Body of Knowledge is provided below. For comparison, the number of core hours from both the previous CS2008 and CC2001 reports are provided as well.

Knowledge Area	CS2013		CS2008	CC2001
	Tier1	Tier2	Core	Core
AL-Algorithms and Complexity	19	9	31	31
AR-Architecture and Organization	0	16	36	36
CN-Computational Science	1	0	0	0
DS-Discrete Structures	37	4	43	43
GV-Graphics and Visualization	2	1	3	3
HCI-Human-Computer Interaction	4	4	8	8
IAS-Information Assurance and Security	3	6	--	--
IM-Information Management	1	9	11	10
IS-Intelligent Systems	0	10	10	10
NC-Networking and Communication	3	7	15	15
OS-Operating Systems	4	11	18	18
PBD-Platform-based Development	0	0	--	--
PD-Parallel and Distributed Computing	5	10	--	--
PL-Programming Languages	8	20	21	21
SDF-Software Development Fundamentals	43	0	47	38
SE-Software Engineering	6	22	31	31
SF-Systems Fundamentals	18	9	--	--
SP-Social Issues and Professional Practice	11	5	16	16
Total Core Hours	165	143	290	280
All Tier1 + All Tier2 Total	308			
All Tier1 + 90% of Tier2 Total	293.7			
All Tier1 + 80% of Tier2 Total	279.4			

As seen above, in CS2013 the total Tier-1 hours together with the entirety of Tier-2 hours slightly exceeds the total core hours from previous reports. However, it is important to note that the tiered structure of the core in CS2013 explicitly provides the flexibility for institutions to