

UTS: Engineering
Course Template

Course: C09124 v1 BE (Hon) BAIS Dip Prof Eng Prac.
Major: Software Engineering

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8	Stage 9	Stage 10	Stage 11
33130 Maths Mod 1 6 Core	33230 Maths Mod 2 6 33130 MM1 Core	68037 Phys Mod 6 Core	41094 Software Eng Studio 1B 6 MAJ	48240 Design & Inno Fundamentals 6 33130 MM1 48230 Eng. Comm. OR 48240 Des. Innov. Core	48250 Eng Eco & Fin 6 48110 EE1 48230 Eng. Comm. 48240 Des. Innov. Core			48260 Eng Proi Man 6 48240 Des. Innov. 48122 EPR1 OR 48120 REP1 Core		41030 Eng Capstone 6 41029 ERP MAJ
48230 Eng Comm 6 68037 Phys. Mod. Core	31282 Sys. Test. & Qual. Mgmt. 6 31266 IIS MAJ Adm to Software maj	31261 Data Struc. and Algorithms 6 48024 App. Prog. MAJ	41036 Engineering Professional Experience 1 (6cp)		41095 Software Eng Studio 2A 6 MAJ	Arts Major 8		41029 Eng Res Prep 6 48260 EPM OR 41048 EPR 2 MAJ	41046 Engineering Professional Experience 2 (6cp)	
31269 Business Rec't Modelling 6 31266 IIS MAJ	48024 Applications Programming 6 48023 Prog. Fund. MAJ	41093 Software Eng Studio 1A 6 MAJ			Arts Major 8	41096 Software Eng Studio 2B 6 MAJ	41097 Software Eng Studio 3A 6 MAJ			
48023 Programming Fundamentals 6 MAJ	31271 Database Fundamentals 6 48023 Prog. Fund. OR 48023 Prog. Fund. MAJ	31257 Info System Dev. Methodologies 6 31269 BRM MAJ			Arts Major 8	CBK91234 6 SW Eng. Choice OR Submaj. Choice MAJ	CBK91234 6 SW Eng. Choice OR Submaj. Choice MAJ	Arts Major 8		
				41035 Eng Prac Prep 3 48230 Eng. Comm. PP Adm STM90994	41037 WIL 1 12 41036 EPE1 41035 EPP1 PP	41038 EPR 1 3 41037 WIL 1 41036 EPE1 PP		41045 EPP 2 3 41038 EPR 1 PP	41047 WIL 2 41046 EPE2 41045 EPP 2 PP	41048 EPR 2 3 41046 EPE2 41047 WIL 2 PP

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Select 24cp from the following CBK91234 24cp Technical subject choice (Software Engineering) or one of Software Engineering sub-major Options.

CBK91234 24cp Technical subject choice

Stage 12

CBK91234	6		
SW Eng. Choice	OR		
Submaj. Choice			
MAJ			
48433	Software Architecture	6	
48440	SEP	OR	
48024	App. Prog.		
MAJ			
Arts Major	8		

31005	Adv Data Analytics	6	31241	3D Computer Animation	6	31260	Fund of Interaction Design	6	31777	Adv Interaction Design	6	48436	Digital Forensics	6	48730	Cyber Security	6	41083	Data Engineering Design	6
31250	IDA		31264	ICG					31269	BRM		48730	Cyber Sec.		41900	Sec. Fund.		41085	FSB	OR
48024	App. Prog.								31260	FID					41092	Net. Fund.		41094	SES1B	
31061	Database Principles	6	31242	Adv Internet Programming	6	31262	Intro to Comp Games Design	6	31927	App Dev with .NET	6	48441	Intro Digital Sys	6	41092	Network Fund	6	41902	Image Process & Computer Vision	6
			48024	App. Prog.		31080	Inter. Med.	OR	48023	Prog. Fund.		48510	IEEE					41090	Infor. Sig.	
						31263	ICG Dev.													
31075	Object-relational Databases	6	31249	Computer Graph Rend Techniq	6	31263	Intro to Comp Games Development	6	41900	Security Fundamentals	6	48450	Real-Time Oper'n Sys	6	48430	Fund. of C Programming	6	41904	Multimedia Analytics	6
31271	Data. Fund.		31264	ICG		48024	App. Prog.		48410	IIE	OR	48434	Emb. Soft.					31256	IPPR	
									41092	Net. Fund.										
31080	Interactive Media	6	31250	Intro to Data Analytics	6	31264	Intro to Comp Graphics	6	48033	Internet of Things	6	48451	Embedded Systems Studio A	6	41090	Information and Signals	6	41908	Real-time Networks	6
48023	Prog. Fund.					31080	Inter. Med.	OR	48023	Prog. Fund.	OR	48441	IDS		33230	MM2		41092	Net. Fund.	
						31263	ICG Dev.		48430	FCP								41081	SAC	
									41090	Infor. Sig.								48434	Emb. Soft.	OR
									48740	Comm. Net.	OR							48441	IDS	
									41090	Infor. Sig.										
31100	Enterprise Development with .NET AD.NET	6	31253	Database Programming	6	31748	Programming on the Internet	6	48434	Embedded Software	6	48540	Signals & Sys	6	41091	Data Systems	6	41081	Sens. Actu. and Control	6
31927			31271	Data. Fund.		31268	Web Sys.		48430	FCP		48530	Circt. An.		41085	FSB	OR	48430	FCP	OR
31061	Data. Prin.	OR				48023	Prog. Fund.								41094	SES1B		48024	App. Prog.	
31271	Data. Fund.																			

Software Engineering Sub-major options

Select 24 CP from the following

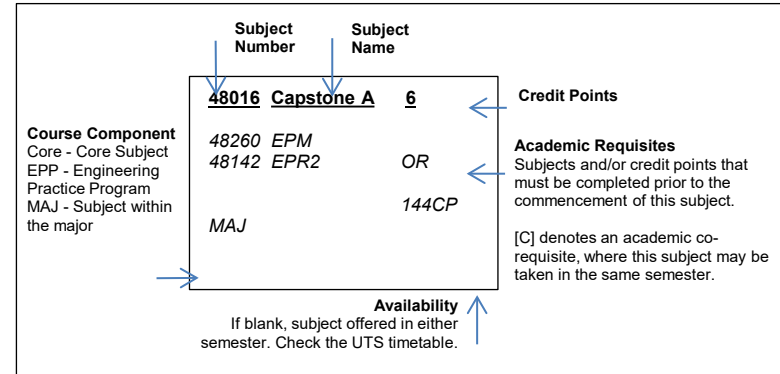
SMJ02067 Interaction Design Sub-major BScIT	31260	Fund of Interaction Design	6	31080	Interactive Media	6	31777	Adv Interaction Design	6	41019	Prototyping Physical Interaction	6
				48023	Prog. Fund.		31269	BRM		31260	FID	
SMJ03067 Real- time System subject-major (Software Engineering)	48430	Fund. of C Programming	6	48434	Embedded Software	6		Options	6		Options	6
				48430	FCP			SMJ03067			SMJ03067	
SMJ03068 Image Processing, Multimedia and Pattern Recognition sub- major (Software Engineering)	41090	Information and Signals	6	41902	Image Process. & Computer Vision	6	31256	Image Proc. & Patt. Recog.	6	41904	Multimedia Analytics	6
	33230	MM2		41090	Infor. Sig.		48024	App. Prog.		31256	IPPR	
SMJ02065 Data Analytics Sub- major BScIT	37151	Intro to Statistics	6	31250	Intro to Data Analytics	6		Options	6		Options	6
								SMJ02065			SMJ02065	
SMJ02066 Computer Graphics and Animation Sub- major BScIT	31264	Intro to Comp Graphics	6		Options	6		Options	6		Options	6
	31080	Inter. Med.	OR		SMJ02066			SMJ02066			SMJ02066	
	31263	ICG Dev.										

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Sub major options continued

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	41092	Network Fund.	6	41081	Sens. Actu. and Control	6	Options	6	Options	6
SMJ10088 Network Systems Software sub-major	48430	FCP		OR			SMJ10088		SMJ10088	
	48024	App. Prog.								



<u>Options</u>	<u>Subjects</u>
SMJ03067	Select 12cp from the following subjects
	41908 RTN or 41903 IS or 41001 CCSS or 41891 CCI or 41905 SDN or 48033 IOT
SMJ02065	Select 12cp from the following subjects
	31256 IPPR or 31005 ADA or 31075 ORD or 32146 DVVA or 42913 SINA or 42028 DLCNN
SMJ02066	Select 18cp from the following subjects
	31262 ICGD or 31263 ICGD or 31241 3DCA or 31248 GGP or 31249 CGRT or 31080 IM
SMJ10088	Select 12cp from the following subjects
	41908 RTN or 41903 IS or 41001 CCSS or 41891 CCI or 41905 SDN or 48033 IOT