

Computer Science and Technology Undergraduate Education Plan

分类 Course Types			课程代码 Course Code	课程名称 Course Name	学分 Credits	总学时 Credit Hours						开课学期 Semester	修读要求 Attending Requirements		
						理论 Theory	实验 Experiment	实践 Practice	上机 Operation	习题 Exercise	课程设计 Course Design			合计 Total	
通识课程 General Courses	基础 课程 Basic Courses	A 类 语言 技能类 English for Language Competence	B1317530	中国文化：中国概况 Chinese Culture: Survey of China	3	48						48	1	必修 Compulsory	
			B1336780	综合汉语 I Comprehensive Chinese I	8	128							128		1
			B1336880	综合汉语 II Comprehensive Chinese II	8	128							128		2
			B1336940	综合汉语 III Comprehensive Chinese III	4	64							64		3
			B1337040	综合汉语 IV Comprehensive Chinese IV	4	64							64		4
			学分要求 Credit Requirement			27									
		B 类 人文 素养类 English for Humanity Development	B1337120	魅力中国 Charm of China	2	32						32	2	2-6 学期选 1 门必修 Required to Select One Subject	
			B1317920	中国书法 Chinese Calligraphy	2	32						32	3		
			B1317820	当代中国 China Today	2	32						32	4		

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		B1337220	实用汉语写作 Practical Chinese Writing	2	32					32	5	From semester 2 to 6		
		B1337320	商务汉语 Business Chinese	2	32					32	6			
		学分要求 Credit Requirement		2										
	C 类 专 门 用 途 类 English for Career & Academic Studies	B1317420	论文写作 Academic writing	2	32						32	5	必修 Compulsory	
		学分要求 Credit Requirement		2										
	体 育 Physical Education	B1400110	大学体育 I Physical Education I	1	32						32	1	必修 Compulsory	
		B1400210	大学体育 II Physical Education II	1	32						32	2		
		B1400510	大学生体质测试 College-student Physique Test	1							2	2		
		大学体育 III Physical Education III		1	第三学期必修 Compulsory, in the 3rd semester									
		大学体育 IV Physical Education IV		1	第四学期必修 Compulsory, in the 4th semester									
		学分要求 Credit Requirement		5										
		学分要求 Credit Requirement		36										
	学 科 通 识 课 程 Disciplinary General Courses	D1013050	微积分 I Calculus I	5	68				12		80	1	必修 Compulsory	
		D1013140	微积分 II Calculus II	4	52				12		64	2		
		D1000540	线性代数与空间解析几何 I Linear Algebra and Space Analytic	4	56				8		64	1		

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			Geometry I											
		D0413730	大学物理 I Physics I	3							48	2		
		D0413830	大学物理 II Physics II	3							48	3		
		D1000735	概率论与数理统计 Probability and Mathematical Statistics	3.5					8		56	3		
		学分要求 Credit Requirement											22.5	
	学分要求 Credit Requirement												58.5	
学科基础课程 Basic Disciplinary Courses	E0600540		离散数学 Discrete Mathematics	3	48						48	2	必修 Compulsory	
	G0601240		数据结构与算法 Data Structure&algorithm	3	40	8					48	2		
	E0600645		数字逻辑设计 Digital Logic Design	3	40	8					48	3		
	E0600740		嵌入式系统 Embedded System	3	40	8					48	5		
	E0600835		计算机体系结构 Computer Architecture	3	40	8					48	6		
	G0601835		计算机组成原理 Principles of Computer Organization	3	40	8					48	5		
	E0600940		计算机操作系统 Computer Operating System	4	56	8					64	4		
		学分要求 Credit Requirement												22

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专业核心课程 Specialized Core Courses	E0605130	计算机网络 Computer Networks	3	40	8					48	3	必修 Compulsory
	G0601530	数据库原理及应用 Principle and Application of Database	3	40	8					48	4	
	G0601335	软件工程及应用 (Java) Software Engineering and Applications (java)	3	40	8					48	6	
	G0601730	汇编语言与微机接口技术 Microprocessor, Assembler Language and Interface	3	40	8					48	6	
	H0603030	人工智能 artificial intelligence	2.5	40						40	5	
		分布式并行计算 Distributed parallel computing	2	32						32	7	
	学分要求 Credit Requirement		16.5									
实践类核心课程 Practical Core Courses	K2200140	C 语言程序设计 C programming Language	4	32			32			64	1	必修 Compulsory
	L0602610	程序设计综合课程设计 Project on Programming	2						32	7		
	L0602880	毕业设计（论文） Undergraduate Thesis	10						160	7、8		
	学分要求 Credit Requirement		16									

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个性化 课程 Tailor-Made Courses	软件工程 专业选修课 Specialized Elective Courses	H2204320	Linux 操作系统编程 Programming Based on Linux	2	16			16			32	3	选修 Elective
		G2231330	网络安全技术 Network Security Technologies	3	32			16			48	5	
		H2220430	多媒体应用基础 Multimedia Application Basics	3	32			16			48	5	
		F2215120	软件体系架构与设计 模式 Software Architecture and Design Mode	2	24			8			32	5	
		G2201330	软件工程基础 Software Engineering Basics	3	32			16			48	4	
		G2215520	网络计算编程 Programming Based on Network Computing	2	16			16			32	5	
	电子信息工程 专业选修课 Specialized Elective Courses	UoG13006	实时计算系统与计算机 体系结构 Real time Computing Systems & Computer Architecture	5							80	7	
		UoG14003	VLSI 设计 VLSI Design	5							80	7	
		UoG14004	数字通讯 Digital Communication	5							80	7	
	工商管理 专业选修课 Specialized Elective Courses	G1109930	电子商务 E-commerce Economics	3	48						48	4	
		E1109240	会计学 Accounting	4	64						64	3	

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		F1108740	金融学 Finance	4	64						64	4	
		G1109340	商务统计与调研方法 Business Statistics and Survey Methods	4	64						64	5	
	学分要求 Credit Requirement			14									
毕业学分要求 Graduation Credit Requirements		127.0											