

Software Engineering 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 通识 课程 Basic General 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 Integrated Chinese I	8	64						64	1	
			B1336880	综合汉语 II Integrated Chinese II	8	64						64	2	
			B1336940	综合汉语 III Integrated Chinese III	4	64						64	3	
			B1337040	综合汉语 IV Integrated Chinese IV	4	64						64	4	
	学分要求 Credit Requirement			27										
	基础 通识 课程 Basic General Courses	B 类 人 文 素 养 类 English for Humanity Development	B1337120	魅力中国 Charm of China	2	32						32	2	2-4 学期选 1 门必修 Required to Select One Subject From semester 2 to 4
			B1317920	中国书法 Chinese Calligraphy	2	32						32	3	
			B1317820	当代中国 China Today	2	32						32	4	
			B1337320	实用汉语写作 Practical Chinese Writing	2	32						32	5	
B1337320			商务汉语 Business	2	32						32	6		

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		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	E2200330	离散数学 Discrete Mathematics	3	48						48	2	必修 Compulsory
	E2200440	数据结构与算法 Data Structure and Algorithm	4	48			16			64	2	
	E2201530	数字逻辑设计 Digital Logic Design	3	40			8			48	2	
	E2200740	计算机组成原理与结构 Principles of Computer Organization and Architecture	4	56			8			64	3	
	E2201040	操作系统基础 Principles of Computer Operating System	4	56			8			64	3	
	E2201140	计算机网络基础 Basic Computer Networks	4	48			16			64	4	
	E2201240	数据库原理及应用 Principles of Database and Application	4	40			24			64	4	
	学分要求 Credit Requirement		26									
专业核心课程 Specialized Core Courses	K2200540	面向对象程序设计 (JAVA)Object-Oriented Programming(JAVA)	4	32			32			64	5	
	学分要求 Credit Requirement		4									
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

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		L2217040	工程实践(现代软件工程项目企业实训 Modern Software Engineering Enterprise Training) Engineering Practice	4						64	6	y	
		L2205380	科学研究及工程能力训练(现代软件工程项目企业实习 Modern Information Engineering Enterprise Practice) Scientific Research and Engineering Training	8						128	7		
		L2209980	毕业设计(论文) Thesis	8			128			128	8		
		学分要求 Credit Requirement			24								
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	
		学分要求 Credit Requirement			7.5								

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	跨专业选修课、跨学院选修课 Interdisciplinary Elective Courses, Inter-school Elective Courses	*									
	素质教育选修课 Quality Education Elective Courses	见《电子科技大学素质教育选修课一览表》 For More Information, Please Refer to "The List of UESTC Quality Educaiton Elective Courses"									
	创新与拓展项目 Innovative and Extensive Projects	*									
	学分要求 Credit Requirement		13								
毕业学分要求 Graduation Credit Requirements			133								