

Education	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	微积分I Calculus I	5	68				12		80	1	必修 Compulsory
	微积分II Calculus II	4	52				12		64	2	
	线性代数与空间解析几何I Linear Algebra and Space Analytic	4	56				8		64	1	
	大学物理I Physics I	3							48	2	
	大学物理II Physics II	3							48	3	
	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	机械制图 Engineering Graphics	2	28			4			32	1	必修 Compulsory
	电路分析 Electrical Circuit Analysis	3	30	20					50	3	
	工程力学 Engineering Mechanics	4	64						64	3	
	电子技术基础 fundamentals of electronic technology	3	48						48	4	
	工程材料 Engineering Materials	1.5	24						24	4	
	机械制造基础 Fundamentals of Manufacturing	3	48						48	4	
	机械设计基础 Mechanical Principle	4	64						64	5	
	工程控制基础 Control System	3	48						48	5	
	工业控制器原理 Fundamentals and Application of Industrial	3	48						48	6	
	信号与系统 Signals and Systems	5	64	8			4	4	80	5	
	学分要求 Credit Requirement	31.5									

专业核心课程 Specialized Core Courses		电力电子技术 Power Electronics Technology	2.5							5	必修 Compulsory	
		CAD/CAE 技术 CAD/CAE Techniques	2							6		
		机电驱动技术 Electromechanical Drive Technology	2.5							6		
		电力系统概论 Introduction to Power System	2							6		
		学分要求 Credit Requirement	9									
实践类核心课程 Practical Core Courses		大学物理实验I Physical Experiment I	2	6	26					32	2	必修 Compulsory
		大学物理实验II Physical Experiment II	2		32					32	3	
		机械工程基础实践 Practice of Mechanical Engineering	1			72				72	5	
		电气工程基础实践 Practice of Electrical Engineering	1			72				72	6	
		毕业设计（论文） Thesis	4			64				64	8	
		学分要求 Credit Requirement	10									
个性化课程 Tailor-Made Courses	机械与电气工程专业选修课 Specialized Elective Courses	数值分析与Matlab Numerical Methods and Matlab	3.5	56						56	4	选修 Elective
		振动理论与工程应用 Vibration Fundamentals and its Application	2	32						32	7	
		机器人基础 Fundamentals of Robot	2	32						32	7	
		机电产品可靠性设计 Reliability Design	2	32						32	7	
		液压传动技术 Hydraulic Transmission Technology	2	32						32	7	
	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 Education Elective Courses"										
	创新与拓展项目 Innovative and Extensive Projects											
学分要求 Credit Requirement		11										
毕业学分要求 Graduation Credit Requirements		120										