

Soft Engineering, Master Degree of Central South University

Courses Category	Courses Number	Courses Name	Hours	Credit	Term	Remarks
Public Courses	050118101	Survey of China (中国文化综述)	32	2.0	2	必修公选课, 4 分
	081201102	Communicative Chinese (中文交流)	48	2.0	1,2	
Academic Degree Examination	081208201	Applied Statistics (应用统计学)	32	2.0	1	必修专业学位课, 15 分
		Operation System & Intensive Programming (操作系统与高级编程)	32	2.0	1	
		Object-Oriented Programming (Java) (面向对象程序设计 Java)	32	2.0	1	
		Database Technology (大型数据库技术)	32	2.0	1	
		Java EE Application Development (Java 企业应用开发)	48	3.0	2	
		Data Structure & Algorithm Design (数据结构与算法设计)	32	2.0	2	
		Modern Software Engineering (现代软件工程)	32	2.0	2	
Optional Courses		Mobile Application Development (移动应用开发)	32	2.0	1	每个学期至少选一门, 选修课分数修满 4 分
		Cloud Computing & Virtualization (云计算与虚拟化)	32	2.0	1	
		Computer Networks & Security (计算机网络与安全)	32	2.0	1	
		Data Mining (数据挖掘)	32	2.0	2	
		Software Project Management (软件工程管理)	32	2.0	2	
		Software Testing Technology (软件测试技术)	32	2.0	2	
Training Courses		Academic Exchanges and Academic Report (学术交流与学术报告)		2.0	2,3,4	必修培养环节, 共 10 学分
		Dissertation Proposal (开题报告)		3.0	2,3	
		Dissertation Mid-term Report (论文中期检查报告)		2.0	3	
		Project Practice (项目实践)		2.0	3,4	