**信息科学与工程学院**

**电子商务专业人才培养方案**

一、 专业简介

专业名称：电子商务 专业代码：120801

电子商务专业所属学科门类为工学--计算机类，学生毕业后授予兰州大学工学学位。

兰州大学电子商务专业于 2002 年开始招生，由信息科学与工程学院承担培养任务。经过多年的发展和积累，学院现有计算机科学与技术一级学科博士点，计算机科学与技术一级学科硕士点。同时，学院在电子商务专业已形成一支结构合理、能力突出的师资队伍，共有专职教师 78 人，其中教授 13 人（含博士生导师 9 人），副教授 26 人，国家“千人计划”入选者 1 人，国务院特殊津贴获得者

1 人，国家级“百千万人才工程”入选者 1 人，教育部跨（新）世纪人才计划入选者 5 人，甘肃省高层次领军人物 1 人。

作为科研基地并为学生提供实验教学条件，学院在电子商务专业拥有：开源软件与实时系统教育部工程研究中心、国家 LINUX 技术培训与推广中心、西部特征人群普适情感计算国际科技合作基地、国家保密局涉密信息系统安全保密测评中心系统测评（甘肃省）分中心、甘肃省教育厅智能电子商务重点实验室、甘肃省计算机基础实验教学示范中心、甘肃省信息技术人才培养基地、IBM 技术中心和华为俱乐部。同时，与东软、中软、华为、中兴通讯等国内著名的计算机企业集团共同组建了实训基地,高年级学生可直接在实训基地参加实习培训并完成毕业论文工作。

电子商务专业现有专业实验室 4 个，另外可共享其它 11 个基础实验室，教学办公场所面积总计约 11000 平方米，设备资产 3700 余万元，可用于专业的教学图书共计 50 万册。良好的教学条件为每位同学在本科学习期间提供了充足的电子商务技术训练与实践的机会，这就使得学生在具备坚实的理论基础的同时，也在工程素质与独立工作能力方面得到了较好的培养。

电子商务专业是一个综合多学科门类，跨越管理、信息技术等多个专业方向的综合性应用型专业，是在面向全社会网络化挑战而孕育的新兴专业学科。我校的电子商务专业培养模式既坚持技术开发能力为主要培养任务，又兼具综合性管理能力培养，使学生在技术开发方面有充分准备可以应付未来不断发展的技术革新，同时又具有不断创新、整合归纳各方信息、良好沟通交流能力，努力把学生培养成具有较强系统开发能力的高级工程应用型人才，为创业或在中高层管理岗位上工作打下良好的基础。

自电子商务专业开设以来，信息科学与工程学院始终把培养创新型电子商务人才作为根本目标，依托于兰州大学的综合优势，与各个交叉学科紧密联系，转变传统办学思想和人才培养模式，构筑以理论课程体系、实验与实践教学体系为一体的电子商务人才培养教学体系；同时，充分发挥各专业实验室在创新型人才培养中作用，将实验室转变成为学生可以展示自身特长与能力的开放式平台。

二、 专业的人才培养定位与目标

电子商务专业定位于本科精英教育，强调科学理论与实际应用相结合，培养

适应我国社会主义经济建设和社会发展需要的、德智体全面发展的、具有良好的

创新创业能力和实践能力、国际视野和实践能力的电子商务专业人才。

本专业培养的毕业生应能熟练掌握并应用计算机技术、网络和多媒体技术、

信息安全技术，具备较扎实的经济管理与现代商务的理论基础，掌握电子商务原

理与技术、管理营销和电子商务法律等知识，能够从事电子商务平台规划、设计、

开发、维护，及现代电子商务管理的复合型宽口径人才。适宜在各类企业、事业

单位及政府机构从事电子商务系统的设计与开发、电子商务业务的运营与管理、

电子商务应用模式的策划与咨询、以及相关的科学研究等工作。

三、 专业的基本要求

本专业主要学习电子商务专业相关的数学、计算机科学与技术、经济学与管理学等方面的基础理论、基本方法和基本技能，通过系统的理论学习和实践，学生毕业时应获得以下几方面的知识和能力：

(一) 思想政治和德育方面

热爱社会主义祖国，拥护中国共产党的领导，掌握马列主义、毛泽东思想、邓小平理论和“三个代表”重要理论的基本原理；愿为社会主义现代化建设服务，为人民服务；具有敬业爱岗、艰苦奋斗、热爱劳动、遵纪守法、团结合作的品质；具有良好的思想品德、人文社会科学素养、社会公德和职业道德。

（二）专业教育方面

1、具备扎实的专业必需的数学理论基础、掌握计算机科学与技术、经济学与管理学等的基础理论、方法，和较强的动手实践能力；

2、掌握电子商务系统的分析和设计方法；具备从事电子商务系统设计、开发、调试、工程应用和保障信息安全的能力；

3、具备企、事业单位的一般工作能力及初步经营管理能力，能运用所学的经济、管理知识进行初步网络营销策划，单位工作流程梳理、业务流程设计及再造；

4、了解电子商务专业的理论前沿、应用前景和最新发展动态，具有一定的科学研究和实际工作能力；

5、了解国内外有关电子商务的政策法规；

6、掌握文献检索、资料查询的基本方法，具有较强的获取信息的能力。

6、养成良好的体育锻炼习惯，受到必要的军事训练，达到国家规定的大学生体育和军事训练合格标准，具有正确的世界观和价值观，具有健全的心理和健康的体魄，能够履行建设祖国和保卫祖国的神圣义务。

（三）体育方面

1、了解体育的基本知识，掌握科学锻炼身体的基本技能，达到国家规定的大学生体育的合格标准。

2、养成良好的体育锻炼和卫生习惯，促进身心全面健康发展。

四、 专业的学制与学分

招生对象：普通高中应（往）届毕业生。

修业年限：四年。学校实行弹性学制，允许学生分阶段完成学业，但具有学籍的时间最长不能超过八年，累计修业时间不能超过六年。

授予学位：完成本专业要求课程，符合学校有关学位授予规定者，授予兰州大学工学学士学位。

本专业学生须修满 155 学分。其中必修课 109 学分（含公共基础课 52 学分，专业基础课 34 学分，专业课 23 学分)，选修课 32 学分（含专业选修课 22 学分，通识选修课 10 学分），毕业论文及其它实践环节 14 学分。

五、 专业主干课程、特色课程和精品课程

1、专业主干课程

电子商务原理 Principles of Electronic commerce、离散数学 Discrete Mathematics、数据结构 Data Structures、操作系统 Operating Systems、数据库原理 Principles of Database、面向对象技术 Java、网络营销与 CRM Network Marketing and CRM、、计算机网络 Computer Network。

2、特色课程

电子商务金融与投资 Electronic commerce finance and investment、电子商务系统设计与实现 Design and Implementation of Electronic commerce、 JavaEE 编程思想 JavaEE。

3、双语课程

操作系统 Operating Systems、数据库原理 Principles of Database、电子商务原理 Principles of Electronic commerce、计算机网络 Computer Network。

六、 课程体系结构与学时学分分配

1、课程体系结构与学时学分分配总表



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 课程类别 | 课程性质 | 学分 | 占总学分比例 | 学时 | 占总学时比例 |
|  |  |  |  |  |  |
| 公共基础课 | 必修 | 52 | 33.55% | 972 | 35.06% |
|  |  |  |  |  |  |
| 专业基础课 | 必修 | 34 | 21.94% | 684 | 24.68% |
|  |  |  |  |  |  |
| 专业课 | 必修 | 23 | 14.84% | 486 | 17.53% |
|  |  |  |  |  |
| 选修 | 22 | 14.19% | 450 | 16.23% |
|  |
|  |  |  |  |  |  |
| 通识选修课 | 选修 | 10 | 6.45% | 180 | 6.49% |
|  |  |  |  |  |  |
| 课外活动和实践 |  | 14 | 9.03% |  |  |
| 环节 |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |  |
| 合 计 |  | 155 | 100% | 2772 | 100% |
|  |  |  |  |  |  |

**注：**

1.各实践教学环节（含军训、课外活动、社会实践、毕业设计（论文）、课

程实验、专业课程综合设计等）共计 38 学分，684 学时，占总学分的 24.52%，

占总学时 24.68%。

2. 各类选修课程共计 32 学分，630 学时，占总学分 20.65%，占总课时的

22.73%。

2、公共基础课学时学分分配表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 序号 | 课 程 名 称 | 学分 | 学时总数 | 开课学期 |  |
|  |  |  |  |  |  |
| 1 | 思想道德修养与法律基础 | 3 | 54 | 1 |  |
|  |  |  |  |  |  |
| 2 | 中国近现代史纲要 | 2 | 36 | 2 |  |
|  |  |  |  |  |  |
| 3 | 马克思主义基本原理概论 | 3 | 54 | 3 |  |
|  |  |  |  |  |  |
| 4 | 毛泽东思想和中国特色社会 | 4 | 72 | 4、5 |  |
| 主义理论体系概论 |  |
|  |  |  |  |  |
|  |  |  |  |  |  |
| 5 | 形势与政策 | 2 |  |  |  |
|  |  |  |  |  |  |
| 6 | 大学英语 | 12 | 216 | 1、2、3、4 |  |
|  |  |  |  |  |  |
| 7 | 高等数学 | 11 | 198 | 1、2 |  |
|  |  |  |  |  |  |
| 8 | 线性代数 | 4 | 72 | 3 |  |
|  |  |  |  |  |  |
| 9 | 普通物理 | 3 | 54 | 2 |  |
|  |  |  |  |  |  |
| 10 | 体育 | 4 | 144 | 1、2、3、4 |  |
|  |  |  |  |  |  |
| 11 | 职业生涯发展与规划 | 2 | 36 | 2 |  |
|  |  |  |  |  |  |
| 12 | 创新创业教育课程 | 2 | 36 | 5 |  |
|  |  |  |  |  |  |
|  | 小计 | 52 | 972 |  |  |
|  |  |  |  |  |  |

3、专业基础课学时学分分配表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 序号 | 课 程 名 称 | 学分 | 学时总数 | 开课学期 |  |
|  |  |  |  |  |  |
| 1 | 计算机导论 | 2 | 36 | 1 |  |
|  |  |  |  |  |  |
| 2 | 离散数学 | 4 | 72 | 1 |  |
|  |  |  |  |  |  |
| 3 | 电路与电子技术基础 | 3 | 54 | 2 |  |
|  |  |  |  |  |  |
| 4 | 电路与电子技术基础实验 | 1 | 36 | 2 |  |
|  |  |  |  |  |  |
| 5 | 数据结构 | 4 | 72 | 3 |  |
|  |  |  |  |  |  |
| 6 | 数据结构课程设计 | 1 | 36 | 3 |  |
|  |  |  |  |  |  |
| 7 | 经济学原理 | 4 | 72 | 3 |  |
|  |  |  |  |  |  |
| 8 | 管理学原理 | 3 | 54 | 3 |  |
|  |  |  |  |  |  |
| 9 | 操作系统 | 3 | 54 | 4 |  |
|  |  |  |  |  |  |
| 10 | 操作系统课程设计 | 1 | 36 | 4 |  |
|  |  |  |  |  |  |
| 11 | 概率论与数理统计 | 3 | 54 | 4 |  |
|  |  |  |  |  |  |
| 12 | 汇编与计算机组成原理 | 4 | 72 | 4 |  |
|  |  |  |  |  |  |
| 13 | 计算机组成原理实验 | 1 | 36 | 5 |  |
|  |  |  |  |  |  |
|  | 小计 | 34 | 684 |  |  |
|  |  |  |  |  |  |
| 4、专业必修课学时学分分配表 | |  |  |  |  |
|  |  |  |  |  |  |
| 序号 | 课 程 名 称 | 学分 | 学时总数 | 开课学期 |  |
|  |  |  |  |  |  |
| 1 | 程序设计基础 | 3 | 54 | 1 |  |
|  |  |  |  |  |  |
| 2 | 程序设计基础实验 | 1 | 36 | 1 |  |
|  |  |  |  |  |  |
| 3 | 面向对象技术 | 3 | 54 | 2 |  |
|  |  |  |  |  |  |
| 4 | 面向对象技术课程设计 | 1 | 36 | 2 |  |
|  |  |  |  |  |  |
| 5 | 网页设计 | 2 | 36 | 3 |  |
|  |  |  |  |  |  |
| 6 | 电子商务原理 | 2 | 36 | 4 |  |
|  |  |  |  |  |  |
| 7 | 基础会计学 | 2 | 36 | 4 |  |
|  |  |  |  |  |  |
| 8 | 数据库原理 | 2 | 36 | 5 |  |
|  |  |  |  |  |  |
| 9 | 数据库原理课程设计 | 1 | 36 | 5 |  |
|  |  |  |  |  |  |
| 10 | 计算机网络 | 3 | 54 | 5 |  |
|  |  |  |  |  |  |
| 11 | 计算机网络实验 | 1 | 36 | 5 |  |
|  |  |  |  |  |  |
| 12 | 网络营销与 CRM | 2 | 36 | 5 |  |
|  |  |  |  |  |  |
|  | 小 计 | 23 | 486 |  |  |
|  |  |  |  |  |  |

5、专业选修课（含专业特色方向选修课）学时学分分配表

**注：**1、专业选修课程要求至少选修22学分。其中基础选修课程16学分，其他专业特色方向选修课 6 学分。

2、专业选修课程会根据技术发展及时进行调整。



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 序号 | 课 程 名 称 |  | 学分 | 学时总数 | 开课学期 |
|  |  |  |  |  |  |
| **1、基础选修课模块** | |  |  |  |  |
|  |  |  |  |  |  |
| 1 | 物流与供应链管理 |  | 2 | 36 | 4 |
| 2 | 网络经济与企业战略管理 |  | 2 | 36 | 5 |
| 3 | JavaEE 编程思想 |  | 3 | 54 | 6 |
| 4 | JavaEE 编程思想课程设计 |  | 1 | 36 | 6 |
| 5 | 电子商务系统设计与实现 |  | 2 | 36 | 6 |
| 6 | 软件工程 |  | 2 | 36 | 6 |
| 7 | 电子商务金融与投资 |  | 2 | 36 | 6 |
| 8 | 经济法与电子商务法 |  | 2 | 36 | 7 |
|  | 小计 |  | 16 | 306 |  |
| **2、电子商务管理方向** | |  |  |  |  |
|  |  |  | |  |  |
| 1 | 多元统计分析 |  | 2 | 36 | 5 |
|  |  |  |  |  |  |
| 2 | 财务管理 |  | 2 | 36 | 6 |
|  |  |  |  |  |  |
| 3 | 人力资源管理 |  | 2 | 36 | 7 |
|  |  |  |  |  |  |
| 4 | 专业外语 |  | 2 | 36 | 7 |
|  |  |  |  |  |  |
| **3、电子商务技术方向** | |  |  |  |  |
|  |  |  | |  |  |
| 1 | C++语言程序设计 |  | 2 | 36 | 4 |
|  |  |  |  |  |  |
| 2 | C++语言程序设计实验 |  | 1 | 36 | 4 |
|  |  |  |  |  |  |
| 3 | APP 软件开发 |  | 2 | 36 | 5 |
|  |  |  |  |  |  |
| 4 | 多媒体应用技术 |  | 2 | 36 | 7 |
|  |  |  |  |  |  |
| 5 | Linux 嵌入式开发 |  | 2 | 36 | 7 |
|  |  |  |  |  |  |
| **4、计算机应用技术方向** | |  |  |  |  |
|  |  |  | |  |  |
| 1 | 编译原理 |  | 3 | 54 | 6 |
|  |  |  |  |  |  |
| 2 | 编译原理课程设计 |  | 1 | 36 | 6 |
|  |  |  |  |  |  |
| 3 | 算法分析与设计 |  | 3 | 54 | 6 |
|  |  |  |  |  |  |
| 4 | 物联网与无线传感器网络 |  | 2 | 36 | 6 |
|  |  |  |  |  |  |
| 5 | 人工智能导论 |  | 2 | 36 | 6 |
|  |  |  |  |  |  |
| **5、信息安全方向** | |  |  |  |  |
|  |  |  | |  |  |
| 1 | 信息系统安全测评 |  | 2 | 36 | 6 |
|  |  |  |  |  |  |
| 2 | 攻击技术与防御 |  | 2 | 36 | 6 |
|  |  |  |  |  |  |
| 3 | 信息安全基础实验 |  | 1 | 36 | 6 |
|  |  |  |  |  |  |
| **6、创新创业课程** | |  |  |  |  |
|  |  |  | |  |  |
| 1 | 创新创业实践课程 |  | 2 | 72 | 6（暑假） |
|  |  |  |  |  |  |
| 2 | 创新创业专业综合技能训练 |  | 2 | 36 | 6 |
|  |  |  |  |  |  |
|  | 专业方向综合实验（ACM 大 |  |  |  |  |
| 3 | 赛、全国电子商务三创赛、 |  | 3 | 108 |  |
| 互联网+大赛等，创新学分， |  |  |
|  |  |  |  |  |
|  | 实习、实训等） |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  | |  |  |

6、 课外活动、实验和实践教学环节学时学分分配表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| 序号 | 课 程 名 称 | 学分 | 学时总数 | 开课学期 | |
|  |  |  |  |  |  |
| 1 | 程序设计基础实验 | 1 | 36 | 1 |  |
| 2 | 电路与电子技术基础实验 | 1 | 36 | 2 |  |
| 3 | 面向对象技术课程设计 | 1 | 36 | 2 |  |
| 4 | 数据结构课程设计 | 1 | 36 | 3 |  |
| 5 | 网页设计 | 2 | 36 | 3 |  |
| 6 | 操作系统课程设计 | 1 | 36 | 4 |  |
| 7 | C++程序设计实验 | 1 | 36 | 4 |  |
| 8 | 计算机组成原理实验 | 1 | 36 | 5 |  |
| 9 | 数据库原理课程设计 | 1 | 36 | 5 |  |
| 10 | 计算机网络实验 | 1 | 36 | 5 |  |
| 11 | 编译原理课程设计 | 1 | 36 | 6 |  |
| 12 | 电子商务系统设计与实现 | 2 | 36 | 6 |  |
| 13 | 信息安全基础实验 | 1 | 36 | 6 |  |
| 14 | 创新创业实践课程 | 2 | 72 | 6（暑假） | |
| 15 | 科研创新实践（ACM 大赛、全 | 3 |  |  |  |
|  | 国电子商务三创赛、互联网+大 |  |  |  |  |
|  | 赛等，创新学分，实习、实训、 |  |  |  |  |
|  | 学术论文发表等） |  |  |  |  |
|  |  |  |  |  |  |
| 16 | 体育 | 4 | 144 | 1、2、3、4 | |
| 17 | 军事训练与军事理论 | 1 |  | 1 |  |
| 18 | 劳动 | 1 |  |  |  |
| 19 | 思想政治理论课实践 | 2 |  |  |  |
| 20 | 毕业论文 | 10 |  |  |  |
|  | 小计 | 38 | 684 |  |  |

7、通识选修课



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 序号 | 课 程 名 称 | 学分 | 学时总数 | 开课学期 |
|  |  |  |  |  |
| 1 | 大学语文 | 3 | 54 | 1 |
|  |  |  |  |  |
| 2 | 其他 | 7 | 126 |  |
|  |  |  |  |  |
| 合计 |  | 10 | 180 |  |
|  |  |  |  |  |

8、课外活动与实践教学环节



a.实验课程共计 24 学分（含选修实验课程 8 学分）。

b.毕业论文（设计）计 10 学分，安排在第四学年进行。毕业论文（设计）

的书写要严格执行《兰州大学本科毕业论文（设计）规范》。

c.军事训练与军事理论课统一安排在学生入学后进行，时间为 2 周，计 1

学分，

d.根据《兰州大学本科生社会实践活动学分制管理实施办法》的要求，“毛

泽东思想和中国特色社会主义理论体系概论”课程的课堂讲授分两个学期进行，

每个学期调整为 2 个学分，共 4 个学分。另外 2 个学分调整至“思想政治理论课

实践”，应在“课外活动和实践教学环节”中单列。

e.劳动课，必修环节，1 学分。

f.本专业属于应用型或实践性较强的专业，设置 3 个专业方向综合实践学分

（选修），学分设置及计算办法如下：

①完成国家大学生创新创业训练计划项目、君政学者项目（君应为“上竹下君”）、国家理科基地学生科研训练项目，项目第一完成人计 3 学分，其他完成人计 2 学分；完成兰州大学本科教学工程专项经费支持的本科生科研训练计划项目、兰州大学创新创业行动计划项目，项目第一完成人计 2 学分，其他完成人计 1

学分；完成各学院自筹经费设立的各类科研训练项目，项目完成人每人计 1 学分。

②获得国家级大学生专业大赛特等奖、一等奖每人计 3 学分，二等奖每人计

2 学分，三等奖每人计 1 学分。获得省级大学生专业类大赛特等奖、一等奖每人

* 2 学分，二等奖每人 1 学分。获得国际级大学生专业性比赛奖项的学分转换由所在学院参照本办法认定。

③SCI、EI 收录期刊以及国内外权威刊物论文每篇计 3 学分，发明专利每项

* 3 学分，核心刊物上发表论文每篇计 2 学分，其他公开发行的刊物论文每篇计

1 学分。学生均应为第一作者或发明人。

七、专业教学计划总体安排一览表

附件 3 兰州大学本科专业教学计划总体安排一览表



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 课 |  |  |  |  |  |  |  |  | 课 时 分 配 | | |  |  |  | 各 学 期 学 时 分 配 | | | |  |  |  |
|  |  |  |  |  | 周 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 讲 | 习 | 实 | 课外 | 上 | 机 | 第一学年 | | 第二学年 | | 第三学年 | | 第四学年 | |  |
| 课程 | 程 | 序 |  |  |  | 学时 |  |
|  |  |  |  |  |  |  |  |  |
| 课程编号 | 课 程 名 称 | 学分 | 学 | 授 | 题 | 验 | 自修 |  |  |  |  |  |  |  |  |  |  | 备 注 |
| 类别 | 性 | 号 | 总数 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | 时 |  | 讨 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 质 |  |  |  |  |  |  |  |  | 课内 | 课外 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 论 |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 1 |  | 思想道德修养 | 3 | 3 | 54 | 54 |  |  |  |  |  | 54 |  |  |  |  |  |  |  |  |
|  |  |  | 与法律基础 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 2 |  | 中国近现代史 | 2 | 2 | 36 | 36 |  |  |  |  |  |  | 36 |  |  |  |  |  |  |  |
|  |  |  | 纲要 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3 |  | 马克思主义基 | 3 | 3 | 54 | 54 |  |  |  |  |  |  |  | 54 |  |  |  |  |  |  |
|  |  |  | 本原理概论 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 公共 |  |  |  | 毛泽东思想和 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 必 |  |  | 中国特色社会 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基础 | 4 |  | 4 | 2 | 72 | 72 |  |  |  |  |  |  |  |  | 36 | 36 |  |  |  |  |
| 修 |  | 主义理论体系 |  |  |  |  |  |  |  |  |  |  |  |  |
| 课 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 概论 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 5 |  | 形势与政策 | **2** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 6 |  | 大学英语 | 12 | 3 | 216 | 216 |  |  |  |  |  | 54 | 54 | 54 | 54 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 7 |  | 高等数学 | 11 | 6/5 | 198 | 198 |  |  |  |  |  | 108 | 90 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 8 |  | 线性代数 | 4 | 4 | 72 | 72 |  |  |  |  |  |  |  | 72 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 9 |  | 普通物理 | 3 | 3 | 54 | 54 |  |  |  |  |  |  | 54 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 10 |  | 体育 | 4 | 2 | 144 | 144 |  |  |  |  |  | 36 | 36 | 36 | 36 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 39 |  |  |  |  |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 11 |  | 职业生涯发展 | 2 | 2 | 36 | 36 |  |  |  |  |  |  | 36 |  |  |  |  |  |  |  |
|  |  |  | 与规划 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 12 |  | 创新创业教育 | 2 | 36 | 36 | 36 |  |  |  |  |  |  |  |  |  | 36 |  |  |  |  |
|  |  |  |  | 课程 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 13 |  | 计算机导论 | 2 | 2 | 36 | 36 |  |  |  |  |  | 36 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 14 |  | 离散数学 | 4 | 4 | 72 | 72 |  |  |  |  |  | 72 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 15 |  | 电路与电子技 | 3 | 3 | 54 | 54 |  |  |  |  |  |  | 54 |  |  |  |  |  |  |  |
|  |  |  |  | 术基础 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 16 |  | 电路与电子技 | 1 | 2 | 36 |  |  | 3 |  |  |  |  | 36 |  |  |  |  |  |  |  |
|  |  |  |  | 术基础实验 |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 17 |  | 数据结构 | 4 | 4 | 72 | 72 |  |  |  |  |  |  |  | 72 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 18 |  | 数据结构课程 | 1 | 2 | 36 |  |  | 3 |  |  |  |  |  | 36 |  |  |  |  |  |  |
|  |  |  |  | 设计 |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
| 专业 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 必 | 19 |  | 经济学原理 | 4 | 4 | 72 | 72 |  |  |  |  |  |  |  | 72 |  |  |  |  |  |  |
| 基础 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 修 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  | 管理学原理 | 3 | 3 | 54 | 54 |  |  |  |  |  |  |  | 54 |  |  |  |  |  |  |
| 课 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 |  | 操作系统 | 3 | 3 | 54 | 54 |  |  |  |  |  |  |  |  | 54 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 22 |  | 操作系统课程 | 1 | 2 | 36 |  |  | 3 |  |  |  |  |  |  | 36 |  |  |  |  |  |
|  |  |  |  | 设计 |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 23 |  | 概率论与数理 | 3 | 3 | 54 | 54 |  |  |  |  |  |  |  |  | 54 |  |  |  |  |  |
|  |  |  |  | 统计 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 24 |  | 汇编与计算机 | 4 | 4 | 72 | 72 |  |  |  |  |  |  |  |  | 72 |  |  |  |  |  |
|  |  |  |  | 组成原理 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 25 |  | 计算机组成原 | 1 | 2 | 36 |  |  | 3 |  |  |  |  |  |  |  | 36 |  |  |  |  |
|  |  |  |  | 理实验 |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 26 |  | 程序设计基础 | 3 | 3 | 54 | 54 |  |  |  |  |  | 54 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 40 | |  |  |  |  |  |  |  |  |  |  |  |  |

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|  |  | 27 |  | 程序设计基础 | 1 | 2 | 36 |  |  | 3 |  |  |  | 36 |  |  |  |  |  |  |  |  |
|  |  |  |  | 实验 |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 28 |  | 面向对象技术 | 3 | 3 | 54 | 54 |  |  |  |  |  |  | 54 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 29 |  | 面向对象技术 | 1 | 2 | 36 |  |  | 3 |  |  |  |  | 36 |  |  |  |  |  |  |  |
|  |  |  |  | 课程设计 |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 30 |  | 网页设计 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  | 36 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 31 |  | 电子商务原理 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  | 36 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 32 |  | 基础会计学 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  | 36 |  |  |  |  |  |
| 专 | 必 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 33 |  | 数据库原理 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  | 36 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 业 | 修 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 34 |  | 数据库原理课 |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 1 | 2 | 36 |  |  |  |  |  |  |  |  |  | 36 |  |  |  |  |
| 课 |  |  |  | 程设计 |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 35 |  | 计算机网络 | 3 | 3 | 54 | 54 |  |  |  |  |  |  |  |  |  | 54 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 36 |  | 计算机网络实 | 1 | 2 | 36 |  |  | 3 |  |  |  |  |  |  |  | 36 |  |  |  |  |
|  |  |  |  | 验 |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 37 |  | 网 络 营 销 与 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  | 36 |  |  |  |  |
|  |  |  |  | CRM |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 38 |  | 物流与供应链 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  | 36 |  |  |  |  |  |
|  |  |  |  | 管理 |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 专业 |  | 39 |  | 网络经济与企 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  | 36 |  |  |  |  |
| 基 |  |  | 业战略管理 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 选修 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 础 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40 |  | JavaEE 编程思 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 课 |  | 3 | 3 | 54 | 54 |  |  |  |  |  |  |  |  |  |  | 54 |  |  |  |
| 选 |  |  | 想 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 修 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 41 |  | JavaEE 编程思 | 1 | 2 | 36 |  |  | 3 |  |  |  |  |  |  |  |  | 36 |  |  |  |
|  | 课 |  |  | 想课程设计 |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 16 | 42 |  | 电子商务系统 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  |  | 36 |  |  |  |
|  | 学 |  |  | 设计与实现 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 分 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 43 |  | 软件工程 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  |  | 36 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 44 |  | 电子商务金融 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  |  | 36 |  |  |  |
|  |  |  |  | 与投资 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 45 |  | 经济法与电子 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  |  |  | 36 |  |  |
|  |  |  |  | 商务法 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 电 | 46 |  | 多元统计分析 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  | 36 |  |  |  |  |
|  | 子 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 47 |  | 财务管理 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  |  | 36 |  |  |  |
|  | 商 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 48 |  | 专业外语 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  |  |  | 36 |  |  |
|  | 务 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 49 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 管 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 理 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 方 |  |  | 人力资源管理 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 向 |  |  | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  |  |  | 36 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 任 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 选 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 课 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 电 | 50 |  | C++ 语言程序 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  | 36 |  |  |  |  |  |
|  | 子 |  |  | 设计 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 商 | 51 |  | C++ 语言程序 | 1 | 2 | 36 |  |  | 3 |  |  |  |  |  |  | 36 |  |  |  |  |  |
|  | 务 |  |  | 设计实验 |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 技 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 52 |  | APP 软件开发 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  | 36 |  |  |  |  |
|  | 术 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 53 |  | Linux 嵌入式 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  |  |  | 36 |  |  |
|  | 方 |  |  | 开发 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 任 |  | 多媒体应用技 | 2 | 2 | 36 | 36 | 36 |
|  | 选 |  | 术 |
|  |  |  |  |  |  |  |
|  | 课 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | 计 | 55 | 人工智能导论 | 2 | 2 | 36 | 36 | 36 |
|  | 算 |  |  |  |  |  |  |  |
|  | 56 | 编译原理 | 3 | 3 | 54 | 54 | 54 |
|  | 机 |  |  |  |  |  |  |  |
|  | 57 | 编译原理课程 | 1 | 2 | 36 | 3 | 36 |
|  | 应 |  | 设计 | 6 |
|  |  |  |  |  |  |
|  | 用 |  |  |  |  |  |  |  |
|  | 58 | 算法分析与设 | 3 | 3 | 54 | 54 | 54 |
|  | 方 |  | 计 |
|  |  |  |  |  |  |  |
|  | 向 |  |  |  |  |  |  |  |
|  | 59 |  |  |  |  |  |  |
|  | 任 |  | 物联网与无线 | 2 | 2 | 36 | 36 | 36 |
|  | 选 |  | 传感器网络 |
|  |  |  |  |  |  |  |
|  | 课 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | 信 | 60 | 信息系统安全 | 2 | 2 | 36 | 36 | 36 |
|  | 息 |  | 测评 |
|  |  |  |  |  |  |  |
|  | 安 |  |  |  |  |  |  |  |
|  | 61 | 攻击技术与防 | 2 | 2 | 36 | 36 | 36 |
|  | 全 |  | 御 |
|  |  |  |  |  |  |  |
|  | 方 |  |  |  |  |  |  |  |
|  | 62 |  |  |  |  |  |  |
|  | 向 |  |  |  |  |  |  |  |
|  | 选 |  | 信息安全基础 | 1 | 2 | 36 | 3 | 36 |
|  |  | 6 |
|  | 修 |  | 实验 |  |  |  |  |
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|  | 课 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | 创 | 63 | 创新创业实践 | 2 |  | 72 | 7 | 第 6 学期 |
|  | 新 |  | 课程 |  | 2 | （暑假） |
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|  | 创 | 64 |  | 创新创业专业 | 2 | 2 | 36 | 36 |  |  |  |  |  |  |  |  |  |  | 36 |  |  |  |
|  | 业 |  |  | 综合技能训练 |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 课 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 65 |  | 专业方向综合 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 程 |  |  | 实验（ACM 大 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 赛、全国电子 |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 商务三创赛、 | 3 |  | 108 |  |  | 0 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 互联网 + 大赛 |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 等，创新学分， |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 实习、实训等） |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 通识 | 选 | 66 |  | 大学语文 | 3 | 3 | 54 | 54 |  |  |  |  |  | 54 |  |  |  |  |  |  |  |  |
| 选修 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 67 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 修 |  | 其他 | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 课 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 68 |  | 思想政治理论 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 课实践 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 课外活动 | | 69 |  | 劳动 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 和实践教 | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70 |  | 军事训练与军 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 学环节 | |  |  | 事理论 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 71 |  | 毕业设计 / 论 | 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 文 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 课外活动和实践教学环节合计 | | | | 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 185 |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 必修课学分、学时、实验合计 | | | | 109 |  | 2142 |  | 8 |  | 学期必修周学时 | | 25 | 27 | 27 | 25 | 19 | 11 | 2 | 0 |  |
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|  | 选修课学分、学时、实验合计 | | | | 32 |  | 630 | 558 |  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 241 |  | 3 |  |  |  |  |  |  |  |  |  |  |  |  |
| 总学分、学时、实验、上机学时合计 | 155 |  | 2772 |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |
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八、副修、双学位专业教学计划

（一）电子商务副修专业教学计划

1、学制、学分：副修专业学制为 2 年，全学程共计 30 学分。其中必修 23

学分，选修 7 学分。

2、副修专业必修课程一览表

|  |  |  |  |
| --- | --- | --- | --- |
|  | 课 程 名 称 |  | 副修专业教学计划学分 |
|  |  |  |  |
|  | 电子商务原理 | 2 | |
|  |  |  |  |
|  | 数据库原理 | 2 | |
|  |  |  |  |
|  | 操作系统 | 3 | |
|  |  |  |  |
|  | 计算机网络 | 3 | |
|  |  |  |  |
|  | 电子商务系统设计与实现 | 2 | |
|  |  |  |  |
|  | 经济法与电子商务法 | 2 | |
|  |  |
|  |  |  |  |
|  | 物流与供应链管理 | 3 | |
|  |  |  |  |
|  | 网络营销与 CRM | 2 | |
|  |  |  |  |
|  | 数据结构 | 4 | |
|  |  |  |  |
|  | 小 计 |  | 学生必须修满 23 学分 |
|  |  |  |  |
| 3、副修专业选修课程一览表 | |  |  |
|  |  |  |  |
|  | 课 程 名 称 |  | 副修专业教学计划学分 |
|  |  |  |  |
|  | Java 语言程序设计 |  | 3 |
|  |  |  |  |
|  | 软件工程 |  | 2 |
|  |  |  |
|  |  |  |  |
|  | Java EE 编程思想 |  | 3 |
|  |  |  |
|  |  |  |  |
|  | 管理学原理 |  | 3 |
|  |  |  |  |
|  | 电子商务与金融 |  | 2 |
|  |  |  |
|  |  |  |  |
|  | 网络经济与企业战略管理 |  | 2 |
|  |  |  |  |
|  | 小 计 |  | 学生必须修满 7 学分 |
|  |  |  |  |

备注：副修本专业须完成以下先导课程——《高等数学》、《计算机导论》、《C 语言程序设计》。

（二）电子商务双学位专业教学计划

1、学制、学分：双学位学制为 2.5 年，全学程共计 37 学分。其中必修 27

学分（含毕业论文），选修 10 学分。

2、双学位专业必修课程一览表：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 课 程 名 称 |  | 双学位教学计划学分 | |
|  |  |  |  |  |
|  | 电子商务原理 | 2 | |  |
|  |  |  |  |  |
|  | 数据结构 | 4 | |  |
|  |  |  |  |  |
|  | 数据库原理 | 2 | |  |
|  |  |  |  |  |
|  | 操作系统 | 3 | |  |
|  |  |  |  |  |
|  | 电子商务系统设计与实现 | 2 | |  |
|  |  |  |  |  |
|  | 物流与供应链管理 | 2 | |  |
|  |  |  |  |  |
|  | 网络营销与 CRM | 2 | |  |
|  |  |  |  |  |
|  | 毕业论文 | 10 | |  |
|  |  |  |  |  |
|  | 小 计 |  | 学生必须修满 27 学分 | |
|  |  |  |  |  |
| 3、双学位专业选修课程一览表 | |  |  |  |
|  |  |  |  |  |
|  | 课 程 名 称 |  | 双学位教学计划学分 |  |
|  |  |  |  |  |
|  | Java 语言程序设计 |  | 3 |  |
|  |  |  |  |  |
|  | 软件工程 |  | 2 |  |
|  |  |  |  |  |
|  | Java EE 编程思想 |  | 3 |  |
|  |  |  |  |
|  |  |  |  |  |
|  | 计算机网络 |  | 3 |  |
|  |  |  |  |  |
|  | 管理学原理 |  | 3 |  |
|  |  |  |  |  |
|  | 多元统计分析 |  | 2 |  |
|  |  |  |  |  |
|  | 电子商务与金融 |  | 2 |  |
|  |  |  |  |
|  |  |  |  |  |
|  | 网络经济与企业战略管理 |  | 2 |  |
|  |  |  |  |  |
|  | 网页设计 |  | 2 |  |
|  |  |  |  |  |
|  | 汇编与计算机组成原理 |  | 4 |  |
|  |  |  |  |  |
|  | 小 计 |  | 学生必须修满 10 学分 |  |
|  |  |  |  |  |

备注：攻读本专业双学位须完成以下先导课程——《高等数学》、《计算机导论》、《C 语言程序设计》。此外毕业论文是必修实践环节之一，不得申请免修。

九、课程教学大纲（单列）