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| **课程性质** | **课程**  **分类** | | **序号** | **课程名称** | **课程编码** | **教学活动学时** | | | **学**  **分** | **考核方式** | **学时分配** | | | | | | | | | | **备注** |
| **总学时** | **理论**  **学时** | **实践**  **学时** | **第一学年** | | **第二学年** | | **第三学年** | | **第四学年** | | **第五学年** | |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **14** | **16** | **14** | **16** | **8** |  | **18** | **18** |  |  |
| 必  修  课 | 公  共  必  修  课 | 思想政治理论课 |  | 军训 | 01000001 | 40 |  | 40 | 2 | 考查 | 前2周 |  |  |  |  |  |  |  |  |  |  |
|  | 军事理论课 | 01000002 | 36 | 36 | 0 | 2 | 考查 | 2 |  |  |  |  |  |  |  |  |  |  |
|  | 思想道德修养与法律基础 | 01000003 | 28 | 20 | 8 | 2 | 考试 | 2 |  |  |  |  |  |  |  |  |  |  |
|  | 毛泽东思想与中国特色社会主义理论概论 | 01000004 | 48 | 36 | 12 | 3 | 考试 |  | 3 |  |  |  |  |  |  |  |  |  |
|  | 形势与政策 | 01000005 | 32 | 32 |  | 2 | 考查 | 每学期16学时 | | | |  |  |  |  |  |  |  |
|  | 大学生心理健康教育 | 01000007 | 30 | 30 |  | 2 | 考查 | 每学期15学时 | |  |  |  |  |  |  |  |  |  |
|  | 大学生职业发展与就业指导 | 01000006 | 30 | 30 | 0 | 2 | 考查 |  |  | 每学期15学时 | |  |  |  |  |  |  |  |
|  | “养优”文化 | 01000008 | 16 | 16 |  | 1 | 考查 | 1 |  |  |  |  |  |  |  |  |  |  |
|  |  | 创新创业基础 | 01000009 | 16 | 8 | 8 | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |
|  | 小计 | |  | 308 | 240 | 68 | 19 |  | 10 | 7 | 4 | 4 |  |  |  |  |  |  |  |
| 公共文化基础课 |  | 计算机文化基础 | 09000001 | 56 | 28 | 28 | 4 | 考试 | 4 |  |  |  |  |  |  |  |  |  |  |
|  | 体育Ⅰ | 04000001 | 28 |  | 28 | 1 | 考试 | 2 |  |  |  |  |  |  |  |  |  |  |
|  | 体育Ⅱ | 04000002 | 32 |  | 32 | 1 | 考试 |  | 2 |  |  |  |  |  |  |  |  |  |
|  | 综合英语Ⅰ | 03000001 | 56 | 42 | 14 | 4 | 考试 | 4 |  |  |  |  |  |  |  |  |  |  |
|  | 综合英语Ⅱ | 03000002 | 64 | 48 | 16 | 4 | 考试 |  | 4 |  |  |  |  |  |  |  |  |  |
|  | 大学英语-3 | G03000009 | 64 | 64 | 0 | 4 | 考试 |  |  |  |  |  |  | 4 |  |  |  |  |
|  | 大学英语-4 | G03000002 | 68 | 68 | 0 | 4 | 考试 |  |  |  |  |  |  |  | 4 |  |  |  |
| 小计 | |  | 368 | 250 | 118 | 22 |  | 10 | 6 |  |  |  |  | 4 | 4 |  |  |  |
| 专  业  必  修  课 | 专业基础课 |  | 计算机组装与维护 | 09000101 | 42 | 14 | 28 | 2 | 考查 | 3 |  |  |  |  |  |  |  |  |  |  |
|  | 电工基础 | 09000104 | 56 | 40 | 16 | 3 | 考试 | 4 |  |  |  |  |  |  |  |  |  |  |
|  | 应用数学 | 09000002 | 56 | 56 | 0 | 4 | 考试 | 4 |  |  |  |  |  |  |  |  |  |  |
|  | 高等数学A-2 | G05000002 | 96 | 96 | 0 | 6 | 考试 |  |  |  |  |  |  |  |  |  |  |  |
|  | 电子技术基础 | 09000105 | 64 | 40 | 24 | 3 | 考试 |  | 4 |  |  |  |  |  |  |  |  |  |
|  | 程序设计基础（JAVA） | 09020103 | 64 | 32 | 32 | 3 | 考查 |  | 4 |  |  |  |  |  |  |  |  |  |

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| 必  修  课 | 专  业  必  修  课 | 专业基础课 |  | 无线通信基础 | | 09010101 | 48 | 36 | 12 | 3 | 考试 |  | 3 |  |  |  |  |  |  |  |  |  |
|  | 单片机应用技术 | | 09001208 | 56 | 28 | 28 | 3 | 考试 |  |  | 4 |  |  |  |  |  |  |  |  |
|  | 程控交换技术 | | 09010104 | 28 | 12 | 16 | 2 | 考查 |  |  | 2 |  |  |  |  |  |  |  |  |
|  | AutoCAD基础 | | 09000102 | 42 | 18 | 24 | 3 | 考查 |  |  | 3 |  |  |  |  |  |  |  |  |
|  | Android系统应用基础 | | 09010106 | 32 | 12 | 20 | 2 | 考查 |  |  |  | 2 |  |  |  |  |  |  |  |
|  | 线性代数 | | G05000006 | 34 | 34 | 0 | 2 | 考试 |  |  |  |  |  |  |  | 2 |  |  |  |
|  | 大学物理A-1 | | G06000008 | 54 | 34 | 20 | 3 | 考试 |  |  |  |  |  |  | 3 |  |  |  |  |
|  | 大学物理A-2 | | G06000009 | 54 | 34 | 20 | 3 | 考查 |  |  |  |  |  |  |  | 3 |  |  |  |
|  | 大学物理实验A-1 | | G06000017 | 24 | 0 | 24 | 1 | 考查 |  |  |  |  |  |  | 2 |  |  |  |  |
|  | 大学物理实验A-2 | | G06000018 | 24 | 0 | 24 | 1 | 考查 |  |  |  |  |  |  |  | 2 |  |  |  |
|  | 概率论与数理统计 | | G05000007 | 54 | 54 | 0 | 3 | 考试 |  |  |  |  |  |  |  | 3 |  |  |  |
|  | C语言程序设计 | | BK0240004 | 68 | 34 | 34 | 4 | 考试 |  |  |  |  |  |  |  | 4 |  |  |  |
| 小 计 | | |  | 896 | 574 | 322 | 51 |  | 11 | 11 | 9 | 2 |  |  | 5 | 14 |  |  |  |
| 专业核心课 |  | 数据通信与计算机网络 | | 09010201 | 64 | 32 | 32 | 4 | 考试 |  | 4 |  |  |  |  |  |  |  |  |  |
|  | LTE技术 | | 09010202 | 56 | 28 | 28 | 4 | 考试 |  |  | 4 |  |  |  |  |  |  |  |  |
|  | TD-SCDMA移动通信技术 | | 09010203 | 48 | 24 | 24 | 4 | 考试 |  | 3 |  |  |  |  |  |  |  |  |  |
|  | 光传输实务 | | 09010205 | 56 | 28 | 28 | 4 | 考试 |  |  | 4 |  |  |  |  |  |  |  |  |
|  | CDMA2000技术 | | 09010204 | 64 | 32 | 32 | 4 | 考试 |  |  |  | 4 |  |  |  |  |  |  |  |
|  | 无线网络规划与网络优化 | | 09010206 | 64 | 32 | 32 | 4 | 考试 |  |  |  | 4 |  |  |  |  |  |  |  |
|  | 通信工程勘察与设计 | | 09010207 | 64 | 32 | 32 | 4 | 考试 |  |  |  | 4 |  |  |  |  |  |  |  |
|  | 信号与系统 | | B06000134 | 68 | 51 | 17 | 4 | 考试 |  |  |  |  |  |  |  | 4 |  |  |  |
|  | 通信原理 | | B24000204 | 68 | 51 | 17 | 4 | 考试 |  |  |  |  |  |  | 4 |  |  |  |  |
| 小 计 | | |  | 552 | 310 | 242 | 36 |  |  | 7 | 4 | 12 |  |  | 4 | 4 |  |  |  |
| 专  业  技  能  课  及  实  践  环  节 |  | | LTE综合实训 | 09010301 | 48 |  | 48 | 2 | 考查 |  |  | 2周 |  |  |  |  |  |  |  |  |
|  | | IP网络综合实训 | 09010304 | 32 |  | 32 | 3 | 考试 |  |  |  |  | 4 |  |  |  |  |  |  |
|  | | 三网融合综合实训 | 09010306 | 48 |  | 48 | 4 | 考试 |  |  |  |  | 6 |  |  |  |  |  |  |
|  | | 转段考试课程 | 09010309 | 64 |  | 64 | 5 | 考试 |  |  |  |  | 8 |  |  |  |  |  |  |
|  | | 创新、创业 | 01000009 | 6 |  | 6 | 1 | 考查 | 每学年2学时 | | | | | |  |  |  |  |  |

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| 必  修  课 | 专  业  必  修  课 | 专  业  技  能  课  及  实  践  环  节 |  | | 毕业（顶岗）实习 | 01000010 | 480 |  | 480 | 24 | 考查 |  |  |  |  | 16周 | 12周 |  |  |  |  |  |
|  | | 专业见习与实训 | GSJ000010 | 2周 |  | 2周 | 2 | 考查 |  |  |  |  |  |  |  |  | 1  周 |  |  |
|  | | 毕业实习 | GSJ000023 | 12周 |  | 12周 | 6 | 考查 |  |  |  |  |  |  |  |  | 12  周 |  |  |
|  | | 毕业设计 | GSJ000032 | 20周 |  | 20周 | 10 | 考查 |  |  |  |  |  |  |  |  |  | 20  周 |  |
|  | | 入学教育 |  | 0.5周 |  |  |  | 考查 |  |  |  |  |  |  | 0.5周 |  |  |  |  |
|  | | 暑期社会实践-1 | G22000001 | 1周 |  | 1周 | 1 | 考查 |  |  |  |  |  |  |  | 1周 |  |  |  |
|  | | 电子技术工艺实习 | BSJ024001 | 1周 |  | 1周 | 1 | 考查 |  |  |  |  |  |  | 1周 |  |  |  |  |
|  | | 电子线路课程设计 | BSJ024002 | 1周 |  | 1周 | 1 | 考查 |  |  |  |  |  |  | 1周 |  |  |  |  |
|  | | 通信系统综合课程设计 | BSJ024003 | 1周 |  | 1周 | 1 | 考查 |  |  |  |  |  |  |  | 1周 |  |  |  |
| 小 计 | | |  | 678 |  | 678 | 61 |  |  |  |  |  |  |  |  |  |  |  |  |
| 选  修  课 | 专业选修课(拓展课） | 限选课 |  | Flash动画制作 | | 09000403 | 32 | 10 | 22 | 2 | 考查 |  |  |  | 2 |  |  |  |  |  |  | 四选二 |
|  | Photoshop基础 | | 09000414 | 32 | 10 | 22 | 2 | 考查 |  |  |  | 2 |  |  |  |  |  |  |
|  | 3DMAX | | 09050401 | 32 | 10 | 22 | 2 | 考查 |  |  |  | 2 |  |  |  |  |  |  |
|  | 网页设计 | | 09000411 | 32 | 10 | 22 | 2 | 考查 |  |  |  |  |  |  |  |  |  |  |
| 小 计 | | |  | 64 | 20 | 44 | 4 |  |  |  |  | 4 |  |  |  |  |  |  |
| 任选课 |  | VR技术 | | 09010421 | 28 | 8 | 20 | 2 | 考查 |  |  | 2 |  |  |  |  |  |  |  | 四选二 |
|  | Sqlite数据库 | | 09010403 | 28 | 8 | 20 | 2 | 考查 |  |  | 2 |  |  |  |  |  |  |  |
|  | 电子商务 | | 09000410 | 28 | 8 | 20 | 2 | 考查 |  |  |  |  |  |  |  |  |  |  |
|  | 摄影摄像技术 | | 09010402 | 28 | 8 | 20 | 2 | 64 |  |  | 2 |  |  |  |  |  |  |  |
| 小 计 | | |  | 56 | 16 | 40 | 4 |  |  |  | 4 |  |  |  |  |  |  |  |

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| 选  修  课 | 专业选修课(拓展课） | 任选课 |  | 电子工艺 | BK0240001 | 42 | 28 | 14 | 2 | 考查 |  |  |  |  |  |  | 3 |  |  |  | 修够8学分即可 |
|  | 信息论与编码 | BK0240031 | 46 | 36 | 10 | 2.5 | 考查 |  |  |  |  |  |  |  | 3 |  |  |  |
|  | 高级程序设计 | BK0240035 | 54 | 36 | 18 | 3 | 考查 |  |  |  |  |  |  |  | 3 |  |  |  |
|  | 单片机原理及应用 | BK0240037 | 54 | 36 | 18 | 3 | 考试 |  |  |  |  |  |  |  | 3 |  |  |  |
|  | 通信专业英语 | BK0240038 | 36 | 36 | 0 | 2 | 考查 |  |  |  |  |  |  |  |  | 2 |  |  |
|  | 文献信息检索 | BK0240043 | 8 | 8 |  | 0.5 | 考查 |  |  |  |  |  |  | 1 |  |  |  |  |
|  | MATLAB基础 | BK0240044 | 36 | 26 | 10 | 2 | 考查 |  |  |  |  |  |  |  | 4 |  |  |  |
|  | 传感器原理及应用 | BK0240045 | 54 | 36 | 18 | 3 | 考查 |  |  |  |  |  |  |  | 4 |  |  |  |
|  | EDA技术与应用 | BK0240046 | 54 | 36 | 18 | 3 | 考查 |  |  |  |  |  |  |  | 4 |  |  |  |
|  | 光纤通信技术 | BK0240030 | 36 | 26 | 10 | 2 | 考查 |  |  |  |  |  |  |  | 3 |  |  |  |
|  | 卫星通信 | BK0240025 | 54 | 44 | 10 | 3 | 考查 |  |  |  |  |  |  |  | 4 |  |  |  |
|  | 导航信息处理与GNSS | BK0240027 | 34 | 24 | 10 | 2 | 考查 |  |  |  |  |  |  |  |  | 4 |  |  |
|  | 无线传感器网络 | BK0240026 | 36 | 26 | 10 | 2 | 考查 |  |  |  |  |  |  |  | 3 |  |  |  |
| 小计 | | |  | 150 | 108 | 42 | 8 |  |  |  |  |  |  |  | 4 | 7 | 6 |  |  |
| 创新创业课程 |  | 创新创业课程 |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  | 本科阶段2年创新创业课必需2学分 |
|  | 各类竞赛与创新创业活动 | GSZ000001 |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  | 本科阶段2年竞赛与创新创业类活动必修至少2学分。 |
|  | 学术报告讲座 | GSZ000003 |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  | 本科阶段2年学生应修满学校或专业的各类学术讲座1学分。 |
| 小计 | |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |
| 公  选  课 | 人文素养 |  | 哲学基础 | 01000012 |  |  |  |  | 考查 |  |  |  |  |  |  |  |  |  |  |  |
|  | 国学选读 | 01000013 |  |  |  |  | 考查 |  |  |  |  |  |  |  |  |  |  |
|  | 世界遗产赏析（中国） | 01000047 |  |  |  |  | 考查 |  |  |  |  |  |  |  |  |  |  |

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| 选  修  课 | 公  选  课 | 人文素养 |  | 艺术欣赏（绘画、影视剧、摄影与摄像） | 01000018 |  |  |  |  | 考查 |  |  |  |  |  |  |  |  |  |  |  |
|  | 普通话训练 | 01000021 |  |  |  |  | 考查 |  |  |  |  |  |  |  |  |  |  |
|  | 思辨与创新 | 01000037 |  |  |  |  | 考查 |  |  |  |  |  |  |  |  |  |  |  |
|  | 中国传统文化 | 01000039 |  |  |  |  | 考查 |  |  |  |  |  |  |  |  |  |  |
|  | 异彩纷呈的民族文化 | 01000040 |  |  |  |  | 考查 |  |  |  |  |  |  |  |  |  |  |
|  | 探索心理学的奥秘 | 01000041 |  |  |  |  | 考查 |  |  |  |  |  |  |  |  |  |  |
|  | 人类与生态文明 | 01000042 |  |  |  |  | 考查 |  |  |  |  |  |  |  |  |  |  |
| 小 计 | |  | 32 | 32 | 0 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |
| 科学素养与职业精神 |  | 应用英语 | 01000036 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 广告学 | 01000027 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 市场营销与策划 | 01000028 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 天文漫谈 | 01000043 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 生活中的趣味物理 | 01000044 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 小 计 | |  | 16 | 16 | 0 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 职场礼仪 | 01000023 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 人际关系与沟通技巧 | 01000024 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 创新创业实务 | 01000038 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 职场沟通 | 01000045 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 高效职场办公 | 01000046 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 小 计 | |  | 16 | 0 | 16 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 总计 | | | | |  | 3342 | 1626 | 1716 | 214 |  | 30 | 25 | 26 | 21 | 20 | 0 | 23 | 29 | 6 | 0 |  |