**电子信息科学与技术专业(非师范)本科教学课程计划表**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **课程**  **类别** | | **课程编号** | **课程名称** | **考核方式** | **总学分** | | **总学时** | | **理**  **论**  **学**  **分** | | | **讲**  **课**  **学**  **时** | **实践学分** | **实践学时** | | **各学期周学时分配** | | | | | | | | | | | | **开课单位** |
| **1** | **2** | | **3** | | **4** | **5** | | **6** | **7** | | **8** |
| 通识类课程 | 必修课 | G01000014 | 思想道德修养与法律基础 | 考试 | | 3 | 48 | 2.5 | | | 40 | | 0.5 | 8 | 4 | |  |  | | |  |  | |  |  | |  | 马克思院 |
| G01000012 | 中国近现代史纲要 | 考试 | | 3 | 48 | 2.5 | | | 40 | | 0.5 | 8 |  | | 4 |  | | |  |  | |  |  | |  | 马克思院 |
| G01000013 | 马克思主义基本原理 | 考试 | | 3 | 48 | 2.5 | | | 40 | | 0.5 | 8 |  | |  | 4 | | |  |  | |  |  | |  | 马克思院 |
| G01000016 | 毛泽东思想和中国特色社会主义理论体系概论 | 考试 | | 5 | 80 | 4.5 | | | 68 | | 0.5 | 12 |  | |  |  | | | 4 |  | |  |  | |  | 马克思院 |
| G09000001 | 大学体育-1 | 考查 | | 1 | 28 | 1 | | | 28 | |  |  | 2 | |  |  | | |  |  | |  |  | |  | 体育学院 |
| G09000002 | 大学体育-2 | 考查 | | 1 | 34 | 1 | | | 34 | |  |  |  | | 2 |  | | |  |  | |  |  | |  | 体育学院 |
| G09000003 | 大学体育-3 | 考查 | | 1 | 34 | 1 | | | 34 | |  |  |  | |  | 2 | | |  |  | |  |  | |  | 体育学院 |
| G09000004 | 大学体育-4 | 考查 | | 1 | 34 | 1 | | | 34 | |  |  |  | |  |  | | | 2 |  | |  |  | |  | 体育学院 |
| G30000001 | 军事理论 | 考查 | | 2 | 32 | 1.5 | | | 24 | | 0.5 | 8 | 2 | |  |  | | |  |  | |  |  | |  | 马克思院 |
| G01000001-8 | 形势与政策（1-8） | 考查 | | 2 | 32 | 2 | | | 32 | |  |  | √ | | √ | √ | | | √ | √ | | √ | √ | | √ | 马克思院 |
| G25000001 | 大学生职业发展与就业指导-1 | 考查 | | 2 | 32 | 1.5 | | | 24 | | 0.5 | 8 |  | | 2 |  | | |  |  | |  |  | |  | 马克思院 |
| G25000002 | 大学生职业发展与就业指导-2 |  | |  |  | | |  |  | | 2 |  | |  | 马克思院 |
| G03000009 | 大学英语-1 | 考试 | | 3 | 56 | 3 | | | 56 | |  |  | 4 | |  |  | | |  |  | |  |  | |  | 外语学院 |
| G03000002 | 大学英语-2 | 考试 | | 4 | 68 | 4 | | | 68 | |  |  |  | | 4 |  | | |  |  | |  |  | |  | 外语学院 |
| 选修课 | 通识类限选 | 海洋类、职场类及高级类英语 | 考查 | | 2 | 34 | 2 | | | 34 | |  |  |  | |  | 2 | | |  |  | |  |  | |  | 外语学院 |
| 考查 | | 2 | 34 | 2 | | | 34 | |  |  |  | |  |  | | | 2 |  | |  |  | |  | 外语学院 |
|  | 通识类选修课程 | 考查 | | 8 | 通识类选修课包括经典传统文化传承、生态文明教育与生态环境保护、美育教育、海洋知识、心理健康等人文社会科学类、自然科学类、艺术类课程，学生至少应修满8学分，其中美育类课程为必选2学分 | | | | | | | | | | | | | | | | | | | | | 二级学院 |
|  | **小计** |  |  | | **43** | **642** | **32** | | **590** | | | **3** | **52** |  | |  | | |  |  |  |  | | |  |  |  |

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| **课程**  **类别** | | **课程编号** | **课程名称** | **考核方式** | **总学分** | | **总学时** | | **理**  **论**  **学**  **分** | | **讲**  **课**  **学**  **时** | **实践学分** | **实践学时** | | **各学期周学时分配** | | | | | | | | | | | **开课单位** |
| **1** | **2** | **3** | | **4** | **5** | | **6** | **7** | | **8** |
| 专业类必修 | 学科基础课 | BK0140001 | 计算机导论 | 考试 | | 3 | 56 | 2 | | 28 | | 1 | 28 | 4 | |  | |  |  |  |  | | |  |  | 海信学院 |
| G05000001 | 高等数学A-1 | 考试 | | 4 | 84 | 4 | | 84 | |  |  | 6 | |  | |  |  |  |  | | |  |  | 理学院 |
| G05000002 | 高等数学A-2 | 考试 | | 6 | 102 | 6 | | 102 | |  |  |  | | 6 | |  |  |  |  | | |  |  | 理学院 |
| BK0140004 | C语言程序设计 | 考试 | | 4 | 68 | 2 | | 34 | | 2 | 34 |  | | 4 | |  |  |  |  | | |  |  | 海信学院 |
| G05000006 | 线性代数 | 考查 | | 3 | 51 | 3 | | 51 | |  |  |  | |  | | 3 |  |  |  | | |  |  | 理学院 |
| G05000007 | 概率论与数理统计 | 考查 | | 3 | 51 | 3 | | 51 | |  |  |  | |  | |  | 3 |  |  | | |  |  | 理学院 |
| G06000008 | 大学物理A-1 | 考试 | | 3 | 51 | 3 | | 51 | |  |  |  | | 3 | |  |  |  |  | | |  |  | 理学院 |
| G06000009 | 大学物理A-2 | 考试 | | 3 | 51 | 3 | | 51 | |  |  |  | |  | | 3 |  |  |  | | |  |  | 理学院 |
| G06000017 | 大学物理实验A-1 | 考查 | | 1 | 24 |  | |  | | 1 | 24 |  | | 2 | |  |  |  |  | | |  |  | 理学院 |
| G06000018 | 大学物理实验A-2 | 考查 | | 1 | 24 |  | |  | | 1 | 24 |  | |  | | 2 |  |  |  | | |  |  | 理学院 |
| BK0140009 | 电路原理 | 考试 | | 3 | 56 | 2 | | 42 | | 1 | 14 | 4 | |  | |  |  |  |  | | |  |  | 海信学院 |
| BK0140010 | 模拟电子技术 | 考试 | | 3 | 51 | 3 | | 51 | |  |  |  | | 3 | |  |  |  |  | | |  |  | 海信学院 |
| BSJ014003 | 模拟电子技术实验 | 考查 | | 1 | 17 |  | |  | | 1 | 17 |  | | 1 | |  |  |  |  | | |  |  | 海信学院 |
| BK0140011 | 数字电子技术 | 考试 | | 3 | 51 | 3 | | 51 | |  |  |  | |  | | 3 |  |  |  | | |  |  | 海信学院 |
| BSJ014004 | 数字电子技术实验 | 考查 | | 1 | 17 |  | |  | | 1 | 17 |  | |  | | 1 |  |  |  | | |  |  | 海信学院 |
| 专业类必修 |  | **小计** |  |  | | **42** | **754** | **34** | | **596** | | **8** | **158** |  | |  | |  |  |  |  | | |  |  |  |
| 专业核心课程 | BK0140012 | 信号与系统 | 考试 | | 4 | 68 | 3 | | 51 | | 1 | 17 |  | |  | |  | 4 |  |  | | |  |  | 海信学院 |
| BK0140022 | 微机原理 | 考试 | | 4 | 68 | 3 | | 51 | | 1 | 17 |  | |  | |  | 4 |  |  | | |  |  | 海信学院 |
| BK0140017 | 高频电子线路 | 考查 | | 3 | 51 | 2 | | 34 | | 1 | 17 |  | |  | |  | 3 |  |  | | |  |  | 海信学院 |
| BK0140013 | 通信原理 | 考试 | | 4 | 68 | 3 | | 51 | | 1 | 17 |  | |  | |  |  | 4 |  | | |  |  | 海信学院 |
| BK0140015 | 数字信号处理 | 考试 | | 4 | 68 | 3 | | 51 | | 1 | 17 |  | |  | |  |  | 4 |  | | |  |  | 海信学院 |
|  | **小计** |  |  | | **19** | **323** | **14** | | **238** | | **5** | **85** |  | |  | |  |  |  |  | | |  |  |  |
|  |  |  | 入学教育（含国防与安全教育） |  | |  | 0.5周 |  | |  | |  |  | √ | |  | |  |  |  |  | | |  |  | 学工部 |
| G14000001 | 军事训练 |  | | 2 | 2周 |  | |  | |  |  | √ | |  | |  |  |  |  | | |  |  | 武装部 |

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| **课程**  **类别** | | **课程编号** | **课程名称** | **考核方式** | **总学分** | | **总学时** | | **理**  **论**  **学**  **分** | | **讲**  **课**  **学**  **时** | **实践学分** | **实践学时** | | **各学期周学时分配** | | | | | | | | | | | **开课单位** |
| **1** | **2** | **3** | | **4** | **5** | | **6** | **7** | | **8** |
| 实践类课程 | 集中性实践环节 | G22000001 | 暑假社会实践-1 |  | | 1 | 1周 |  | |  | |  |  |  | | √ | |  |  |  |  | | |  |  | 海信分团委 |
| G22000002 | 暑假社会实践-2 |  | | 1 | 1周 |  | |  | |  |  |  | |  | |  | √ |  |  | | |  |  | 海信分团委 |
| G22000003 | 暑假社会实践-3 |  | | 1 | 1周 |  | |  | |  |  |  | |  | |  |  |  | √ | | |  |  | 海信分团委 |
| G22000004 | 社会调查 |  | | 1 | 1周 |  | |  | |  |  |  | |  | | √ |  |  |  | | |  |  | 海信院专业 |
| BSJ014012 | 电子技术基础课程设计 |  | | 1 | 1周 |  | |  | |  |  |  | |  | | √ |  |  |  | | |  |  | 海信学院 |
| BSJ014014 | 电子信息综合课程设计 |  | | 1 | 1周 |  | |  | |  |  |  | |  | |  |  | √ |  | | |  |  | 海信学院 |
| BSJ014011 | 电子系统设计训练 |  | | 1 | 1周 |  | |  | |  |  |  | |  | |  |  |  | √ | | |  |  | 海信学院 |
| BSJ014009 | 毕业实习 |  | | 12 | 16周 |  | |  | |  |  |  | |  | |  |  |  |  | | | √ | √ | 海信学院 |
| BSJ014010 | 毕业设计 |  | | 10 | 12周 |  | |  | |  |  |  | |  | |  |  |  |  | | |  | √ | 海信学院 |
|  | 毕业教育 |  | |  | 1周 |  | |  | |  |  |  | |  | |  |  |  |  | | |  | √ | 学工部 |
|  |  | **小计** |  |  | | **31** | **38.5周** |  | |  | |  |  |  | |  | |  |  |  |  | | |  |  |  |
| 专业类选修课 | 专长课 | BK0140032 | 数据结构 | 考查 | | 3 | 51 | 2 | | 34 | | 1 | 17 |  | |  | | 3 |  |  |  | | |  |  | 海信学院 |
| BK0140033 | 电磁场与电磁波 | 考查 | | 3 | 51 | 3 | | 51 | | 0 | 0 |  | |  | |  | 3 |  |  | | |  |  | 海信学院 |
| BK0140014 | 单片机原理及应用 | 考试 | | 4 | 68 | 3 | | 51 | | 1 | 17 |  | |  | |  |  | 4 |  | | |  |  | 海信学院 |
| BK0140016 | 传感器原理及应用 | 考查 | | 3 | 51 | 2 | | 34 | | 1 | 17 |  | |  | |  |  | 3 |  | | |  |  | 海信学院 |
| BK0140018 | EDA技术与应用 | 考查 | | 4 | 68 | 3 | | 51 | | 1 | 17 |  | |  | |  |  |  | 4 | | |  |  | 海信学院 |
| BK0140019 | 计算机网络 | 考试 | | 4 | 68 | 3 | | 51 | | 1 | 17 |  | |  | |  |  |  | 4 | | |  |  | 海信学院 |
| **小计** |  |  | | **15** | **255** | **11** | | **187** | | **4** | **68** |  | |  | |  |  |  |  | | |  |  |  |
| 专业类选修课 | 专业任意选修课程 | BK0240001 | 电子工艺 | 考查 | | 2 | 42 | 2 | | 28 | | 1 | 14 | 3 | |  | |  |  |  |  | | |  |  | 海信学院 |
| BK0140021 | 文献信息检索 | 考查 | | 1 | 17 | 1 | | 17 | |  |  |  | |  | | 1 |  |  |  | | |  |  | 海信学院 |
| BK0140035 | MATLAB语言及应用 | 考查 | | 3 | 51 | 1 | | 17 | | 2 | 34 |  | |  | |  | 3 |  |  | | |  |  | 海信学院 |
| BK0140034 | 工程制图 | 考查 | | 2 | 34 | 1 | | 17 | | 1 | 17 |  | |  | |  | 2 |  |  | | |  |  | 海信学院 |
| BK0140023 | 海洋遥感 | 考查 | | 3 | 51 | 2 | | 34 | | 1 | 17 |  | |  | |  |  | 3 |  | | |  |  | 海信学院 |
| BK0140028 | PLC与电气控制 | 考查 | | 3 | 51 | 2 | | 34 | | 1 | 17 |  | |  | |  |  |  | 3 | | |  |  | 海信学院 |

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| **课程**  **类别** | | **课程编号** | **课程名称** | **考核方式** | **总学分** | | **总学时** | | **理**  **论**  **学**  **分** | | **讲**  **课**  **学**  **时** | **实践学分** | **实践学时** | | **各学期周学时分配** | | | | | | | | | | | **开课单位** |
| **1** | **2** | **3** | | **4** | **5** | | **6** | **7** | | **8** |
| 专业类选修课 | 专业任意选修课程 | BK0140036 | DSP原理及应用 | 考查 | | 3 | 51 | 2 | | 34 | | 1 | 17 |  | |  | |  |  |  | 3 | | |  |  | 海信学院 |
| BK0140037 | 通信网 | 考查 | | 2 | 34 | 2 | | 34 | |  |  |  | |  | |  |  |  | 2 | | |  |  | 海信学院 |
| BK0140029 | 嵌入式系统及应用 | 考查 | | 2 | 32 | 1 | | 16 | | 1 | 16 |  | |  | |  |  |  |  | | | 4 |  | 海信学院 |
| BK0140038 | CPLD/FPGA系统设计 | 考查 | | 2 | 32 | 1 | | 16 | | 1 | 16 |  | |  | |  |  |  |  | | | 4 |  | 海信学院 |
| BK0140030 | 电子信息专业英语 | 考查 | | 2 | 34 | 2 | | 34 | |  |  |  | |  | |  |  | 2 |  | | |  |  | 海信学院 |
| BK0140031 | 电工技术 | 考查 | | 2 | 32 | 1.5 | | 24 | | 0.5 | 8 |  | |  | |  |  |  |  | | | 4 |  | 海信学院 |
| **小计** |  |  | | **3** |  |  | |  | |  |  |  | |  | |  |  |  |  | | |  |  |  |
|  | **合计** |  |  | |  |  |  | |  | |  |  | **29** | | **31** | | **24** | **30** | **20** | **18** | | | **12** | **0** |  |
| 创新创业素质拓展类课程 | GCX000001 | 创新创业课程-1 | 2 | | | 创新创业课必需６学分，研究方法、学科前沿课程由各专业开设，各2学分，共４学分，创业基础由各学院或学校提供开设２学分。 | | | | | | | | | | | | | | | | | | | |
| GCX000002 | 电子信息科学研究方法 | 2 | | |
| GCX000003 | 电子信息前沿技术概述 | 2 | | |
| GCX000004 | 各类竞赛与创新创业活动-1 | 2 | | | 竞赛与创新创业类活动必修至少4学分。创新创业课程及活动学分模块中超过4学分以上的，可用于替代通识类选修课程、创新创业课程与学术讲座的学分。学分认定办法依《海南热带海洋学院创新学分管理办法》（试行） | | | | | | | | | | | | | | | | | | | |
| GCX000005 | 各类竞赛与创新创业活动-2 | 2 | | |
| GCX000006 | 各类竞赛与创新创业活动-3 | 2 | | |
| GCX000007 | 各类竞赛与创新创业活动-4 | 2 | | |
| GSZ000003 | 学术报告讲座 | 2 | | | 学生应修满学校或专业的各类学术讲座2学分。 | | | | | | | | | | | | | | | | | | | |
| 备注：1.《形势与政策》按平均每学期16周，每周1学时计算，本科四年期间学习，共计2个学分，折合理论课时36学时；2.专长课，要求修满15学分；3.专业任意选修课，要求修满3学分。 | | | | | | | | | | | | | | | | | | | | | | | | | | |