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# 计算机科学与技术专业课程归属

**表1 计算机科学与技术专业课程归属（公共基础）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程类别** | **课程性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 公  共  基  础 | 必  修 | 1 | 0000088 | 思想道德与法治  Ideological Morality and Rule of Law | 2 |  | 马院 |
| 2 | 0000089 | 马克思主义基本原理  Basic Principles of Marxism | 3 |  |
| 3 | 0000090 | 中国近现代史纲要  Outline of Chinese Modern History | 3 |  |
| 4 | 2118002 | 毛泽东思想和中国特色社会主义理论体系概论  An Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics | 2 |  |
| 5 | 2118001 | 习近平新时代中国特色社会主义思想概论  An Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era | 3 |  |
| 6 | 0000092 | 形势与政策  Situation and Policy | 2 |  |
| 7 | 0000005A | 大学英语I  Foreign Languages Ⅰ | 3 |  | 基础部 |
| 8 | 0000006 | 大学英语II  Foreign Languages Ⅱ | 4 |  |
| 9 | 0000007 | 大学英语Ⅲ  Foreign Languages Ⅲ | 4 |  |
| 10 | 0000041 | 体育I  Physical Education I | 1 |  |
| 11 | 0000042 | 体育II  Physical Education II | 1 |  |
| 12 | 0000043 | 体育III  Physical Education III | 1 |  |
| 13 | 0000044 | 体育IV  Physical Education IV | 1 |  |
| 14 | 0000018 | 高等数学I  Advanced Mathematics I | 5 |  |
| 15 | 0000019 | 高等数学 II  Advanced Mathematics II | 6 |  |
| 16 | 0000010 | 大学物理I（电气信息类）  Physics I | 3 |  |
| 17 | 0000011 | 大学物理Ⅱ（电气信息类）  Physics Ⅱ | 3 |  |
| 18 | 0000048 | 线性代数  Linear Algebra | 2 |  |
| 19 | 0000017 | 概率论与数理统计  Probability & Statistics | 3 |  |

**续表1 计算机科学与技术专业课程归属（公共基础）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程**  **类别** | **课程**  **性质** | **序**  **号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 公  共  基  础  课 | 限  选 | 20 | 0000101 | 大学生心理健康教育  College Students 'Mental Health Education | 1 |  | 基础部 |
| 21 | 0000102 | 大学生职业生涯规划  Occupational Career Planning of College Students | 1 |  |
| 22 | 0000A85 | 大学生创新创业指导  Innovation and Entrepreneurship Guidance for College Students | 1 |  | 双创院 |
| 23 | 0000084 | 大学生就业指导实务  College Student Vocational Counsel | 1 |  | 基础部 |
| 24 | GXK0119 | 军事理论  Military Theory | 2 |  |
| 25 | GXK0159 | 劳动通论  General Theory of Labor | 2 |  |
| 任  选 | 26 |  | 科学技术类 | 1 |  |  |
| 27 |  | 人文社会类 | 1 |  |  |
| 28 |  | 艺术教育类 | 1 |  |  |
| 29 |  | 特色通识类 | 1 |  |  |
| 30 |  | 跨文化交流类 | 1 |  |  |

**表2 计算机科学与技术专业课程归属（专业基础）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 专  业  基  础 | 必  修 | 1 | 0300049 | 计算机导论  Introduction to Computers | 2 | **√** |  |
| 2 | 2103001 | 电路与电子技术  Electric Circuit and Electronic Technology | 4 | **√** |  |
| 3 | 0300059 | 离散数学  Discrete Mathematics | 4 | **√** |  |
| 4 | 2103002 | 数字逻辑  Digital Logic | 4 | **√** |  |
| 5 | 03000205 | 计算机组成原理\*  Principles of computer composition | 4 | **√** |  |
| 6 | 0300078 | 数据库系统原理\*  Principles of Database | 3 | **√** |  |
| 7 | 0300A15 | 操作系统原理  Principles of Operating Systems | 3 | **√** |  |
| 8 | 0300014 | 编译原理  Principles of Compilation | 3 | **√** |  |

**表3 计算机科学与技术专业课程归属（专业教育）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 专  业  教  育 | 必  修 | 1 | 03000204 | 高级语言程序设计\*  High-level language  Programming | 4 | **√** |  |
| 2 | 0300007 | Java程序设计\*  Java Programming | 3 | **√** |  |
| 3 | 0300088 | 数据结构与算法  Data Structures and  Algorithms | 3 | **√** |  |
| 4 | 0300070 | 软件工程\*△  Software Engineering | 3 | **√** |  |
| 5 | 0300018 | 单片机原理与应用  SingleChip  ProcessorPrinciple and  Application | 2 | **√** |  |
| 6 | 0300052 | 计算机网络与互联网\*  Computer Networks & Internets | 3 | **√** |  |

**续表3 计算机科学与技术专业课程归属（专业教育）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 专  业  教  育  （  软  件  技  术  方  向  ） | 专  业  限  选  课 | 7 | 2103084 | C++面向对象程序设计  C++ Object Oriented Programming | 3 | **√** |  |
| 8 | 03000207 | C#应用程序开发  C# Application development | 2 | **√** |  |
| 9 | 0300093 | 网站设计与网页制作  Web site design and webpage making | 2 | **√** |  |
| 10 | 03000A01 | .Net架构与应用开发\*  .Net architecture and application development | 3 | **√** |  |
| 11 | 03000A5 | J2EE架构与应用开发\*  J2EE application architecture and development | 3 | **√** |  |
| 12 | 030A507 | 计算机英语  Computer English | 2 | **√** |  |
| 专  业  任  选  课 | 13 | 0300303 | 创新思维与创新方法  Creative innovative thinking and innovative  methods | 2 | **√** |  |
| 14 | 0300304 | Python程序设计  Python Programming | 3 | **√** |  |
| 15 | 03000208 | JSP应用程序开发△  JSP Application  development | 2 | **√** |  |
| 16 | 0300508 | Oracle数据库系统  管理与维护  Oracle Database system  management and  maintenance | 2 | **√** |  |
| 17 | 0300067 | 人工智能  Artificial Intelligence | 2 | **√** |  |
| 18 | 0300093 | 手机编程  Mobile programming | 2 | **√** |  |
| 19 | 0300092 | 网络系统管理与维护  Network system management and maintenance | 2 | **√** |  |
| 20 | 00000A5 | 大学英语Ⅳ  Foreign Languages Ⅳ | 3 | **√** |  |
| 21 | 2103090 | 专业综合实践  Comprehensive Professional Practice | 4 | **√** |  |

**续表3 计算机科学与技术专业课程归属（专业教育）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 专  业  教  育  （  大  数  据  应  用  方  向  ） | 专  业  限  选  课 | 7 | 2103084 | C++面向对象程序设计  C++ Object Oriented Programming | 3 | **√** |  |
| 8 | 0300015 | 大数据技术基础  Basic knowledge of big data technology | 2 | **√** |  |
| 9 | 0300094 | Hadoop基础编程  Hadoop basic programming | 2 | **√** |  |
| 10 | 2103003 | Spark大数据分析\*  Spark big data analysis | 3 | **√** |  |
| 11 | 2103004 | 高性能计算应用\*  High-performance Applications | 3 | **√** |  |
| 12 | 030A507 | 专业英语（计算机类）  Computer English | 2 | **√** |  |
| 专  业  任  选  课 | 13 | 0300303 | 创新思维与创新方法  Creative innovative thinking and innovative  methods | 2 |  | 双创院 |
| 14 | 03000209 | Linux操作系统与应用  Linux operating system  and application | 2 | **√** |  |
| 15 | 0300304 | Python程序设计  Python Programming | 3 | **√** |  |
| 16 | 2103005 | 分布式系统  Distributed Systems | 2 | **√** |  |
| 17 | 0300067 | 人工智能  Artificial Intelligence | 2 | **√** |  |
| 18 | 0300092 | 网络系统管理与维护  Network system management and maintenance | 2 | **√** |  |
| 19 | 0300065 | 嵌入式系统与应用  Embedded System and Application | 2 | **√** |  |
| 20 | 00000A5 | 大学英语Ⅳ  Foreign Languages Ⅳ | 3 |  | 基础部 |
| 21 | 2103090 | 专业综合实践  Comprehensive Professional Practice | 4 | **√** |  |

**表4 计算机科学与技术专业集中实践课程归属**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **实践**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 必  修 | 1 | 0000095 | 思想道德与法治实践  Ideological Morality and Legal Practice | 1 |  | 马院 |
| 2 | 0000096 | 毛泽东思想和中国特色社会主义理论体系概论实践  Practice for Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics | 1 |  |
| 3 | 0000023 | 军事训练  Military Practice | 2 |  | 学工部 |
| 4 | 0000009D | 物理实验（电气信息类）  Physics Experiments | 1.5 |  | 基础部 |
| 5 | 0300A84 | 数字电路实验  Digital Circuit Experiment | 1 | **√** |  |
| 6 | 030002A5 | 计算机组成原理实验  Experiments of computer composition | 1 | **√** |  |
| 7 | 0300079 | 数据库系统原理课程设计  Project of Course “Principles of Database” | 1.5 | **√** |  |
| 8 | 0300016 | 操作系统原理课程设计  Project of Course “Operating Systems” | 1.5 | **√** |  |
| 9 | 030002A4 | 高级语言程序设计实践  Practice of Course “High-level language  Programming” | 1 | **√** |  |
| 10 | 03000A7 | Java程序设计实践  Practice of Course “Java Programming” | 1 | **√** |  |
| 11 | 0300089 | 数据结构与算法课程设计  Project of Course “Data Structures and Algorithms” | 1.5 | **√** |  |
| 12 | 0300071 | 软件工程课程设计  Project of Course “Software Engineering” | 1.5 | **√** |  |
| 13 | 0300053 | 计算机网络与互联网课程设计  Project of Course “Computer Networks & Internets” | 1.5 | **√** |  |
| 14 | 0300020 | 电工电子工艺实践  Technology Practice of Electrical & Electronic | 1 | **√** |  |
| 15 | 0300540 | Web前端技术应用实践  Technology Practice of Web Front technology | 1 | **√** |  |
|  |  |  |  |  |  |  |

**续表4 计算机科学与技术专业集中实践课程归属**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 必  修  （  软  件  技  术  方  向  ） | 16 | 03000207 | C#应用程序开发实践  Practice of Course “C# Application development” | 1 | **√** |  |
| 17 | 0300094 | 网站设计与网页制作实践  Practice of Course “Web site design and webpage making | 1 | **√** |  |
| 18 | 03000A02 | .Net架构与应用开发课程设计※  Project of Course “.Net application architecture and development” | 1.5 | **√** |  |
| 19 | 03000A6 | J2EE架构与应用开发课程设计※  Project of Course “J2EE architecture and application development” | 1.5 | **√** |  |
| 必  修  （  大  数  据  应  用  方  向  ） | 16 | 2103082 | 大数据技术基础实践  Practice of Course “Basic knowledge of big data technology” | 1 | **√** |  |
| 17 | 2103083 | Hadoop基础编程实践  Practice of Course “Hadoop basic programming” | 1 | **√** |  |
| 18 | 2103007 | Spark大数据分析课程设计※  Project of Course “Spark big data analysis” | 1.5 | **√** |  |
| 19 | 2103008 | 高性能计算应用课程设计※  Project of Course “High-performance Applications” | 1.5 | **√** |  |
| 必  修 | 20 | 0300501 | 毕业实习  Graduation Practice | 2 | **√** |  |
| 21 | 0300502 | 毕业设计（论文）  Undergraduate Design( Paper) | 14 | **√** |  |

信息管理与信息系统专业课程归属

**表1：信息管理与信息系统专业课程归属（公共基础）**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 公共基础 | 必修 | 1 | 0000088 | 思想道德与法治  Ideological Morality and Rule of Law | 2 |  | 马院 |
| 2 | 0000089 | 马克思主义基本原理  Basic Principles of Marxism | 3 |  |
| 3 | 0000090 | 中国近代史纲要  ChineseModern History | 3 |  |
| 4 | 0000091 | 毛泽东思想和中国特色社会主义理论体系概论  Mao Zedong Thought and Introduction to the Theoretical System of Socialism with Chinese Characteristics | 2 |  |
| 5 | 2118001 | 习近平新时代中国特色社会主义思想概论  An Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era | 3 |  |
| 6 | 0000092 | 形势与政策  Situation and Policy | 2 |  |
| 7 | 0000005A | 大学英语I  Foreign Languages Ⅰ | 3 |  | 基础部 |
| 8 | 0000006 | 大学英语II  Foreign Languages Ⅱ | 4 |  |
| 9 | 0000007A | 大学英语Ⅲ（经管类）  Foreign Languages Ⅲ | 3 |  |
| 10 | 2116058 | 程序设计基础  Fundamentals of programming | 2 | **√** |  |
| 11 | 03001A61 | C++面向对象程序设计  C++ object oriented programming | 3 | **√** |  |
| 12 | 0000041 | 体育Ⅰ  Physical EducationⅠ | 1 |  | 基础部 |
| 13 | 0000042 | 体育Ⅱ  Physical Education Ⅱ | 1 |  |
| 14 | 0000043 | 体育Ⅲ  Physical Education Ⅲ | 1 |  |
| 15 | 0000044 | 体育Ⅳ  Physical Education Ⅳ | 1 |  |

**续表1：信息管理与信息系统专业课程归属（公共基础）**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 公共基础 | 必修 | 16 | 0000093 | 高等数学I（经管类）  Advanced Mathematics I | 4 |  | 基础部 |
| 17 | 0000094 | 高等数学 II（经管类）  Advanced Mathematics II | 4 |  |
| 18 | 0000048 | 线性代数  Linear Algebra | 2 |  |
| 19 | 0000017 | 概率论与数理统计  Probability & Statistics | 3 |  |
| 20 | 03000A2 | C语言程序设计  C Computer Language | 4 | **√** |  |
| 限选 | 20 | 0000101 | 大学生心理健康教育  College Students 'Mental Health Education | 1 |  | 基础部 |
| 21 | 0000102 | 大学生职业生涯规划  Occupational Career Planning of College Students | 1 |  |
| 22 | 0000A85 | 大学生创新创业指导  Innovation and Entrepreneurship Guidance for College Students | 1 |  | 双创院 |
| 23 | 0000084 | 大学生就业指导实务  College Student Vocational Counsel | 1 |  | 基础部 |
| 24 | GXK0119 | 军事理论  Military Theory | 2 |  | 学工部 |
| 25 | GXK0159 | 劳动通论  General Theory of Labor | 2 |  | 基础部 |
| 任选 | 26 |  | 科学技术类 | 1 |  |  |
| 27 |  | 人文社会类 | 1 |  |  |
| 28 |  | 艺术教育类 | 1 |  |  |
| 29 |  | 特色通识类 | 1 |  |  |
| 30 |  | 跨文化交流类 | 1 |  |  |

**表2：信息管理与信息系统专业课程归属（专业基础）**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 专业基础 | 必修 | 1 | 0500108 | 微观经济学  Microeconomics | 3 |  | 财经院 |
| 2 | 0500059 | 宏观经济学  Macroeconomics | 3 |  |
| 3 | 0500060 | 基础会计  Basic Accounting | 3 |  |
| 4 | 0500041 | 管理学  Management | 3 | **√** |  |
| 5 | 2115001 | 统计学（含SPSS软件应用）  Statistics | 3 |  | 财经院 |
| 6 | 0500004A | 财务管理  Financial Management | 3 |  |
| 7 | 0500125 | 运筹学（双语）  Operations Research | 3 | **√** |  |
| 8 | 0500040 | 管理信息系统  Management Information  Systems | 2 | **√** |  |
| 9 | 2116001 | 市场营销  Marketing | 3 | **√** |  |
| 10 | 0300186 | 数据库原理与应用\*  Database Principles and Applications | 3 | **√** |  |
| 11 | 2116052 | 数据结构\*  Data Structures | 2 | **√** |  |
| 12 | 2116053 | 计算机网络与应用\*  Computer Network and Applications | 2 | **√** |  |

**表3：信息管理与信息系统专业课程归属（专业教育）**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 专业教育 | 必修 | 1 | 2116075 | Java语言  Java Language | 3 | **√** |  |
| 2 | 0500208 | 信息系统分析与设计\*  Information Systems Analysis and Design | 2 | **√** |  |
| 3 | 2116080 | 数据分析技术  Data Analysis Technique | 3 | **√** |  |
| 4 | 2116076 | Web设计与开发  Web Design and Development | 2 | **√** |  |
| 5 | 03000A5 | J2EE架构与应用开发  J2EE Architecture and Application Development | 3 | **√** |  |
| 6 | 0500211 | 信息资源管理\*  Information Resources Management | 2 | **√** |  |
| 7 | 0500207 | 企业资源计划(ERP)  Enterprise Resource Planning | 2 | **√** |  |
| 8 | 0500202 | IT项目管理  IT Project Management | 2 | **√** |  |
| 9 | 0500005 | 电子商务  Electronic Commerce | 2 | **√** |  |
| 选修 | 10 | 2116084 | 大数据技术原理与应用  The Principle and  Application of Big Data  Technology | 2 | **√** |  |
| 11 | 0300187 | 多媒体技术  Multi-Media Technique | 2 | **√** |  |
| 12 | 0500126 | 运营管理  Operations Management | 2 | **√** |  |
| 13 | 2116079 | 操作系统  Operating System | 2 | **√** |  |
| 14 | 0500216 | 信息专业英语  Information English | 2 | **√** |  |
| 15 | 2116077 | 商务智能与决策支持系统  Business Intelligence and Decision Support System | 2 | **√** |  |
| 16 | 0300156A | 系统工程导论  Introduction to Systems  Engineering | 2 | **√** |  |
| 17 | 0500123 | 信息资源组织与管理  Organization and Management of Information Resources | 2 | **√** |  |
| 18 | 2116082 | 商务智能方法与应用  Business Intelligence Methods & Applications | 2 | **√** |  |
| 19 | 0500204 | 信息经济学  Information Economics | 2 | **√** |  |
| 20 | 0300184 | 计算机原理  Computer Principle | 2 | **√** |  |
| 21 | 0500140 | 物流管理实务  Logistics Management Practices | 2 | **√** |  |
| 22 | 0300A70 | 软件工程  Software Engineering | 2 | **√** |  |
| 23 | 0500203 | 信息系统安全原理与应用  Information System Security Principles and Applications | 2 | **√** |  |

**表4：信息管理与信息系统专业集中实践课程归属**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 集中实践教学 | 必修 | 1 | 0000095 | 思想道德与法治实践  Ideological Morality and Legal Practice | 1 |  | 马院 |
| 2 | 0000096 | 毛泽东思想和中国特色社会主义理论体系概论实践  Practice for Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics | 1 |  |
| 3 | 0000023 | 军事训练  Military Practice | 2 |  | 学工部 |
| 4 | 030A203 | C语言程序设计  Practice of C Programming | 1 | **√** |  |
| 5 | 03001B6 | C++面向对象程序设计课程设计  Practice of C Programming | 1 | **√** |  |
| 6 | 2116067 | 数据库原理与应用课程设计  Course design of database principles and Applications | 1.5 | **√** |  |
| 7 | 2116059 | Java语言课程设计  Java language course design | 1.5 | **√** |  |
| 8 | 2116083 | Web设计与开发课程设计  Web Design and Development Course Design | 1.5 | **√** |  |
| 9 | 0500221 | 信息系统分析与设计课程设计※  Information Systems Analysis and Design Course Design | 2.0 | **√** |  |
| 10 | 2116060 | J2EE架构与应用开发课程设计  J2EE Architecture and Application Development Course Design | 1.5 | **√** |  |
| 11 | 2116086 | 数据分析技术课程设计  Data Analysis Technique Course Design | 1.5 | **√** |  |
| 12 | 0500223 | 企业资源计划(ERP)课程设计  Enterprise Resource Planning Course Design | 1.5 | **√** |  |
| 13 | 0500501 | 毕业实习  Graduation Field Work | 4 | **√** |  |
| 14 | 0500502 | 毕业设计/论文  Graduation Project: Design/Dissertation | 14 | **√** |  |

**人工智能专业**课程归属

**表1：人工智能专业教学进程安排（公共基础）**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 公共基础 | 必修 | 1 | 0000088 | 思想道德与法治  Ideological Morality and Rule of Law | 2 |  | 马院 |
| 2 | 0000089 | 马克思主义基本原理  Basic Principles of Marxism | 3 |  |
| 3 | 0000090 | 中国近现代史纲要  Outline of Chinese Modern History | 3 |  |
| 4 | 2118002 | 毛泽东思想和中国特色社会主义理论体系概论  An Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics | 2 |  |
| 5 | 2118001 | 习近平新时代中国特色社会主义思想概论  An Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era | 3 |  |
| 6 | 0000092 | 形势与政策  Situation and Policy | 2 |  |
| 7 | 0000005A | 大学英语I  Foreign Languages Ⅰ | 3 |  | 基础部 |
| 8 | 0000006 | 大学英语II  Foreign Languages Ⅱ | 4 |  |
| 9 | 0000007 | 大学英语Ⅲ  Foreign Languages Ⅲ | 4 |  |
| 10 | 0000041 | 体育Ⅰ  Physical Education Ⅰ | 1 |  |
| 11 | 0000042 | 体育Ⅱ  Physical Education Ⅱ | 1 |  |
| 12 | 0000043 | 体育Ⅲ  Physical Education Ⅲ | 1 |  |
| 13 | 0000044 | 体育Ⅳ  Physical Education Ⅳ | 1 |  |
| 14 | 0000018 | 高等数学I  Advanced Mathematics I | 5 |  |
| 15 | 0000019 | 高等数学 II  Advanced Mathematics II | 6 |  |

|  |  | 16 | 0000048 | 线性代数  Linear Algebra | 2 |  | 基础部 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 0000017 | 概率论与数理统计 Probability & Statistics | 3 |  |
| 18 | 0000010 | 大学物理I（电气信息类）  Physics I | 3 |  |
| 19 | 0000011 | 大学物理II（电气信息类）  Physics II | 3 |  |
| 公共  基础 | 限选 | 20 | 0000101 | 大学生心理健康教育  College Students 'Mental Health Education | 1 |  |
| 21 | 0000102 | 大学生职业生涯规划  Occupational Career Planning of College Students | 1 |  |
| 22 | 0000A85 | 大学生创新创业指导  Innovation and Entrepreneurship Guidance for College Students | 1 |  | 双创院 |
| 23 | 0000084 | 大学生就业指导实务  College Student Vocational Counsel | 1 |  | 基础部 |
| 24 | GXK0119 | 军事理论  Military Theory | 2 |  |
| 25 | GXK0159 | 劳动通论  General Theory of Labor | 2 |  |
| 任选 | 26 |  | 科学技术类 | 1 |  |  |
| 27 |  | 人文社会类 | 1 |  |  |
| 28 |  | 艺术教育类 | 1 |  |  |
| 29 |  | 特色通识类 | 1 |  |  |
| 30 |  | 跨文化交流类 | 1 |  |  |

**表2：人工智能专业教学进程安排（专业基础）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 专  业  基  础 | 必  修 | 31 | 2203001 | 人工智能导论  Introduction to Artificial Intelligence | 2 | **√** |  |
| 32 | 03000204 | 高级语言程序设计  High-level language Programming | 4 | **√** |  |
| 33 | 2103001 | 电路与电子技术  Electric Circuit and Electronic Technology | 4 | **√** |  |
| 34 | 2103002 | 数字逻辑  Digital Logic | 4 | **√** |  |
| 35 | 0300059 | 离散数学  Discrete Mathematics | 3 | **√** |  |
| 36 | 0300304 | Python程序设计\*  Python Programming\* | 3 | **√** |  |
| 37 | 2203002 | 最优化方法\*  Optimization methods\* | 2 | **√** |  |
| 38 | 0300088 | 数据结构与算法  Data Structures and  Algorithms | 3 | **√** |  |
| 39 | 0300078 | 数据库原理  Principles of Database | 3 | **√** |  |

**表3：人工智能专业教学进程安排（专业教育）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课**  **程**  **类**  **别** | **课**  **程**  **性**  **质** | **序**  **号** | **课程**  **编号** | **课程名称** | **学**  **分** | **本院** | **外院** |
| 专  业  教  育 | 必  修 | 40 | 2203003 | 数据挖掘与大数据分析  Data Mining and Big Data Analytics | 2 | **√** |  |
| 41 | 0300065 | 嵌入式系统与应用  Embedded Systems and Applications | 3 | **√** |  |
| 42 | 2203004 | 机器学习\*  Machine Learning\* | 3 | **√** |  |
| 43 | 0300086 | 数字图像处理  Digital Image Processing | 2 | **√** |  |
| 44 | 2203005 | 智能语音处理  Intelligent Speech Processing | 2 | **√** |  |
| 45 | 2203006 | 计算机视觉与模式识别\*  Computer Vision and Pattern Recognition\* | 3 | **√** |  |
| 46 | 2203007 | 神经网络与深度学习\*  Neural Networks and Deep Learning\* | 3 | **√** |  |
| 专  业  教  育 | 任  选  课 | 47 | 0300303 | 创新思维与创新方法  Creative innovative thinking and innovative methods | 2 |  | 双创院 |
| 48 | 00000A5 | 大学英语Ⅳ  Foreign Languages Ⅳ | 3 |  | 基础部 |
| 49 | 03000205 | 计算机组成原理  Principles of computer composition | 3 | **√** |  |
| 50 | 0300A15 | 操作系统原理  Principles of Operating Systems | 3 | **√** |  |
| 51 | 2203008 | 智能传感技术  Intelligent Sensing Technology | 2 | **√** |  |
| 52 | 2103003 | Spark大数据分析  Spark big data analysis | 3 | **√** |  |
| 53 | 2203009 | 信息融合技术  Information Fusion Technology | 2 | **√** |  |
| 54 | 2203010 | 智能制造技术  Smart Manufacturing Technology | 2 | **√** |  |
| 55 | 2203011 | 机器人与 ROS 导论  Introduction to Robotics and ROS | 2 | **√** |  |
| 56 | 2203012 | 计算机网络  Computer Networks | 2 | **√** |  |
| 57 | 2203013 | 多智能体系统  Multi-Intelligent Body Systems | 2 | **√** |  |
| 58 | 2203014 | 智能计算系统  Intelligent Computing Systems | 2 | **√** |  |
| 59 | 2203015 | 博弈论与应用2  Game Theory and Applications | 2 | **√** |  |
| 60 | 030A507 | 专业英语(智能科学类)  Professional English Course | 2 | **√** |  |
| 61 | 2203016 | 人工智能前沿技术  Frontier Technologies in Artificial Intelligence | 2 | **√** |  |
| 62 | 2103090 | 专业综合实践  Comprehensive Professional Practice | 4 | **√** |  |

**表4：人工智能专业集中实践教学安排**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **实践**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 必  修 | 63 | 0000095 | 思想道德与法治实践  Practice for Ideological Morality and Rule of Law | 1 |  | 马院 |
| 64 | 0000096 | 毛泽东思想和中国特色社会主义理论体系概论实践  Practice for Mao Zedong Thought and Introduction to the Theoretical System of Socialism with Chinese Characteristics | 1 |  |
| 65 | 0000023 | 军事训练  Military Practice | 2 |  | 学工部 |
| 66 | 030002A4 | 高级语言程序设计实践  Practice of Course “High-level language Programming” | 1 |  |  |
| 67 | 0000009D | 物理实验(电信机械类)  Physics Experiments | 1.5 |  | 基础部 |
| 68 | 0300A84 | 数字电路实验  Digital Circuit Experiment | 1 | **√** |  |
| 69 | 0300089 | 数据结构与算法课程设计  Project of Course “Data Structures and Algorithms” | 1.5 | **√** |  |
| 70 | 0300079 | 数据库原理课程设计  Project of Course “Principles of Database” | 1.5 | **√** |  |
| 71 | 2203017 | 数据挖掘与大数据分析课程设计  Project of Course “Data Mining and Big Data Analytics” | 1.5 | **√** |  |
| 72 | 2203018 | 机器学习课程设计※  Project of Course “Machine Learning” ※ | 2 | **√** |  |
| 73 | 2203019 | 数字图像处理实验  Digital Image Processing Experiment | 1.5 | **√** |  |
| 74 | 2103030 | 嵌入式系统实验  Embedded Systems Experiment | 2 | **√** |  |
| 75 | 2203020 | 智能语音处理实验  Intelligent Speech Processing  Experiment | 1.5 | **√** |  |
| 76 | 2203021 | 计算机视觉与模式识别课程设计※  Project of Course “Computer Vision and Pattern Recognition” ※ | 2 | **√** |  |
| 77 | 2203022 | 神经网络与深度学习课程设计  Project of Course “Neural Networks and Deep Learning” | 2 | **√** |  |
| 78 | 2203023 | 人工智能综合实践  Integrated Practice of Artificial Intelligence | 2 | **√** |  |
| 79 | 0300020 | 电工电子工艺实践  Technology Practice of Electrical & Electronic | 1 | **√** |  |
| 80 | 0300501 | 毕业实习  Graduation Practice | 2 | **√** |  |
| 81 | 0300502 | 毕业设计(论文)  Undergraduate Paper | 14 | **√** |  |