# 园艺学院

# 茶学专业人才培养方案

一、专业名称与代码

专业名称：茶学（Tea science）

专业代码：090107T

二、培养目标

本专业旨在培养德、智、体全面发展，掌握茶学方面的基本理论、基本知识和基本技能，具备茶叶生产（栽培与加工）、茶叶深加工、茶艺表演、茶叶审评与质量检验和茶叶贸易与营销方面的能力；能在食品加工企业、茶叶进出口公司、商品检验部门、茶艺馆及饮食服务行业以及职业院校、研究单位，从事农业管理、教学和科研工作的（应用型/学术型）毕业生。

三、培养要求

本专业学生必须接受思想道德素质、专业素质和人文素质等方面的教育，培养学生具有较强的创新意识、创新精神和创新能力，能很好掌握自然科学及人文社会科学的基础知识及食品科学、茶学方面的基本理论和基本知识，掌握人文科学、农业生物科学、食品科学、茶学方面的基本理论和基本知识，掌握茶园生产管理技术、茶叶加工技术、茶饮料、茶叶深加工与综合利用、茶艺表演、茶叶审评与质量检验和营销方面的基本技能，能注重专业知识、社会知识的实践，具有独立解决茶叶产业实际问题及适应社会其他相关行业的能力。

毕业生应获得以下几方面的知识和能力：

1. 具备扎实的数学、物理、化学等基本理论知识；熟练运用英语、计算机能力；
2. 掌握生物科学、茶叶高产优质、茶叶品质形成理论和食品工程的基本原理；
3. 掌握农产品贸易、企业经营管理、茶文化的基本知识；
4. 具备茶叶生产（栽培与加工）、茶叶深加工与茶饮料、茶艺表演、茶叶审评与质量检验和营销方面的技能；具有良好的知识结构和能力结构，具有利用现代信息技术获取相关信息的能力；
5. 熟悉农村及农业有关方针政策、法规，有较强的调查研究与决策、组织与管理、口头与文字表达能力。

四、专业准入课程

茶叶生物化学、茶文化学。

五、专业准出课程

茶树栽培学、茶叶加工与机械、茶叶审评与检验、茶叶贸易学。

六、修业年限及授予学位

学制4年；授予农学学士学位。

七、毕业要求：毕业前须修满的学分要求和其他所需条件。

茶学专业（三个方向）：课内教学总学时为2208，学生毕业应收得总学分160学分，其中通识教育课程45学分，专业教育课程41学分，专业拓展教育课程15学分，个性拓展教育课程 10学分，实践教育 49学分。

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 学时分配与毕业学分要求 | 课程类别 | | 学分 | 学时 | | | 实践  周数 |
| 总数 | 理论 | 实验 |
| 通识教育课程小计 | | 45 | 752 | 752 |  |  |
| 专业教育课程小计 | | 41 | 656 | 641 | 15 |  |
| 拓展教育课程 | 专业拓展课程 | 15 | 240 | 240 |  |  |
| 个性拓展课程 | 10 | 160 | 160 |  |  |
| 实践教育课程 | 整合实验 | 12.5 | 400 |  | 400 |  |
| 整合实习 | 10.5 |  |  |  | 10.5 |
| 其它实践 | 26 |  |  |  | 26 |
| 毕业要求 | | 160 | 2208 | 1793 | 415 | 36.5 |
| 比例要求 | | | 选修课比例 | 25.9% | 实践环节比例 | | 30.6% |

　　　　　 专业主任：曹藩荣

八、教学计划进程表

**茶学专业教学计划进程表Ⅰ**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 课程类别 | | | 课程代码 | 课程名称 | 学分 | 学 时 | | | | 各学期学分分配 | | | | | | | | 开课学院 | 备注 |
| 总数 | 理论 | 实验 | 实习 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 理论教育环节 | 通识教育课程 | 必修 | 8301001 | 马克思主义基本原理  Fundamental of Marxist | 2 | 32 | 32 |  |  |  |  | 2 |  |  |  |  |  | 思政部 |  |
| 8301005 | 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 Socialist Theory with Chinese Characteristics | 4 | 64 | 64 |  |  |  |  |  | 4 |  |  |  |  | 思政部 |  |
| 8301004 | 中国近现代史纲要  The outline of Chinese Modern history | 2 | 32 | 32 |  |  | 2 |  |  |  |  |  |  |  | 思政部 |  |
| 8301003 | 思想道德修养与法律基础（含廉洁修身）  Morals & Ethics and fundamental of Law | 2 | 32 | 32 |  |  |  | 2 |  |  |  |  |  |  | 思政部 |  |
| 8301006 | 形势政策教育Ⅰ  Situation and Policy Education Ⅰ | 0.5 | 8 | 8 |  |  |  | 0.5 |  |  |  |  |  |  | 思政部 |  |
| 8301007 | 形势政策教育Ⅱ  Situation and Policy Education Ⅱ | 0.5 | 8 | 8 |  |  |  |  |  | 0.5 |  |  |  |  | 思政部 |  |
| 8301008 | 形势政策教育Ⅲ  Situation and Policy EducationⅢ | 0.5 | 8 | 8 |  |  |  |  |  |  |  | 0.5 |  |  | 思政部 |  |
| 8301009 | 形势政策教育Ⅳ  Situation and Policy Education Ⅳ | 0.5 | 8 | 8 |  |  |  |  |  |  |  |  |  | 0.5 | 思政部 |  |
| 8241080 | 大学英语Ⅰ  College EnglishⅠ | 2.5 | 40 | 40 |  |  | 2.5 |  |  |  |  |  |  |  | 外国语学院 |  |
| 8241081 | 大学英语Ⅱ  College EnglishⅡ | 2.5 | 40 | 40 |  |  |  | 2.5 |  |  |  |  |  |  | 外国语学院 |  |
| 8241082 | 大学英语Ⅲ  College EnglishⅢ | 2.5 | 40 | 40 |  |  |  |  | 2.5 |  |  |  |  |  | 外国语学院 |  |
| 8241083 | 大学英语Ⅳ  College EnglishⅣ | 2.5 | 40 | 40 |  |  |  |  |  | 2.5 |  |  |  |  | 外国语学院 |  |
| 8251101 | 大学计算机基础  Introduction of Computer | 2 | 32 | 32 |  |  |  | 2 |  |  |  |  |  |  | 数学与信息学院 |  |
| 8251105 | Java程序设计  Java programme design | 2 | 32 | 32 |  |  |  |  | 2 |  |  |  |  |  | 数学与信息学院 |  |
| 8311001 | 体育Ⅰ  Physical Education Ⅰ | 0.5 | 16 | 16 |  |  | 0.5 |  |  |  |  |  |  |  | 体育部 |  |
| 8311002 | 体育Ⅱ  Physical EducationⅡ | 0.5 | 16 | 16 |  |  |  | 0.5 |  |  |  |  |  |  | 体育部 |  |
| 8311003 | 体育Ⅲ  Physical Education Ⅲ | 0.5 | 16 | 16 |  |  |  |  | 0.5 |  |  |  |  |  | 体育部 |  |
| 8311004 | 体育Ⅳ  Physical Education Ⅳ | 0.5 | 16 | 16 |  |  |  |  |  | 0.5 |  |  |  |  | 体育部 |  |
| 8321001 | 军事理论  Military Theory | 2 | 32 | 32 |  |  |  | 2 |  |  |  |  |  |  | 武装部 |  |
| 8321003 | 大学生职业生涯规划  University student occupation career planning instruction | 1 | 16 | 16 |  |  | 1 |  |  |  |  |  |  |  | 学生处 |  |
| 8321006 | 职业素养提升与就业指导  Professional Quality Employment Guidance | 2 | 32 | 32 |  |  |  |  |  |  |  | 2 |  |  | 学生处 |  |
| 选修 | 8242101 | 英语选修课程  Elective courses of English | 2 | 32 | 32 |  |  |  |  | 2 |  |  |  |  |  | 外国语学院 |  |
| 8112101 | 汉语选修课程  Elective courses of Chinese | 2 | 32 | 32 |  |  | 2 |  |  |  |  |  |  |  | 人文与法学学院 |  |
|  | A系列选修课程  Elective courses for A series | 8 | 128 | 128 |  |  |  | 2 | 2 | 2 | 2 |  |  |  |  |  |
| 通识教育课程小计 | | | | 45.0 | 752 | 752 |  |  | 8.0 | 11.5 | 11.0 | 9.5 | 2.0 | 2.5 |  | 0.5 |  |  |

**茶学专业教学计划进程表Ⅱ**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 课程类别 | | | | | 课程代码 | | 课程名称 | 学分 | 学 时 | | | | 各学期学分分配 | | | | | | | | 开课  学院 | 备注 |
| 总数 | 理论 | 实验 | 实习 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 理  论  教育  环节 | 专  业  教  育  课  程 | | 专业平台课程 | | 8121112 | | 大学数学Ⅰ  College Mathematics Ⅰ | 4 | 64 | 64 |  |  | 4 |  |  |  |  |  |  |  | 数学与信息学院 |  |
| 8121113 | | 大学数学Ⅱ  College Mathematics Ⅱ | 3 | 48 | 48 |  |  |  | 3 |  |  |  |  |  |  | 数学与信息学院 |  |
| 8121126 | | 无机及分析化学  BInorganic and Analysis Chemistry B | 3 | 48 | 48 |  |  | 3 |  |  |  |  |  |  |  | 材料与能源学院 |  |
| 8121121 | | 有机化学  Organic Chemistry | 3 | 48 | 48 |  |  |  | 3 |  |  |  |  |  |  | 材料与能源学院 |  |
| 8151121 | | 植物学  Bbotany B | 2 | 32 | 32 |  |  | 2 |  |  |  |  |  |  |  | 生科 |  |
| 8151141 | | 植物生理学B  Plant physiology B | 2 | 32 | 32 |  |  |  |  | 2 |  |  |  |  |  | 生科 |  |
| 8151161 | | 生物化学B  Biochemistry B | 2 | 32 | 32 |  |  |  |  | 2 |  |  |  |  |  | 生科 |  |
| 8131091 | | 试验统计学  Experimental Statistics | 2 | 32 | 32 |  |  |  |  |  | 2 |  |  |  |  | 农学 |  |
| 8161069 | | 微生物学  Microbiology | 2.5 | 40 | 25 | 15 |  |  |  | 2.5 |  |  |  |  |  | 园艺 |  |
| 专业准入课程 | | 8161071 | | 茶叶生物化学  Tea Biochemistry | 3 | 48 | 48 |  |  |  |  |  |  | 3 |  |  |  | 园艺 | 辅、双 |
| 8161068 | | 茶文化学  Tea Culture | 2 | 32 | 32 |  |  |  |  | 2 |  |  |  |  |  | 园艺 | 辅、双 |
| 专业准出课程 | | 8161072 | | 茶叶加工与机械  Tea Processing and machinery | 3.5 | 56 | 56 |  |  |  |  |  |  |  | 3.5 |  |  | 园艺 | 辅、双 |
| 8161011 | | 茶叶审评与检验  Tea Tasting and Testing | 3 | 48 | 48 |  |  |  |  |  |  |  | 3 |  |  | 园艺 | 辅、双 |
| 8161073 | | 茶树栽培学  Tea Plant Culture | 3 | 48 | 48 |  |  |  |  |  |  | 3 |  |  |  | 园艺 | 辅、双 |
| 8161074 | | 茶叶贸易学  Tea Trading Science | 3 | 48 | 48 |  |  |  |  |  |  |  | 3 |  |  | 园艺 | 辅、双 |
| 专业教育课程小计 | | | | | | | 41 | 656 | 641 | 15 |  | 9 | 6 | 8.5 | 2 | 6 | 9.5 |  |  | 园艺 |  |
| 专业拓展课程 | 专业选修 | | 必选 | | 8161067 | 茶学专业概论  Tea Specility Introduction | 1 | 16 | 16 |  |  | 1 |  |  |  |  |  |  |  | 园艺 | 辅、双 |
| 专业任选组1 | | 8163169 | 科学饮茶  Drinks Tea Scientifically | 1.5 | 24 | 24 |  |  |  |  |  |  |  |  | 1.5 |  | 园艺 | 任选1.5  双 |
| 8163170 | 茶叶科学前沿专题  The Development of Tea Science and Technology | 1.5 | 24 | 24 |  |  |  |  |  |  |  |  | 1.5 |  | 园艺 |
| 专业任选组2 | | 8163171 | 茶叶贮藏保鲜与包装  Tea Storage and Package | 1.5 | 24 | 24 |  |  |  |  |  |  |  |  | 1.5 |  | 园艺 | 任选1.5,双 |
| 8163174 | 茶叶质量控制  Tea Quality Control | 1.5 | 24 | 24 |  |  |  |  |  |  |  |  | 1.5 |  | 园艺 |

**茶学专业教学计划进程表Ⅲ**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 课程类别 | | | | 课程代码 | 课程名称 | 学分 | 学 时 | | | | 各学期学分分配 | | | | | | | | 开课  学院 | 备注 |
| 总数 | 理论 | 实验 | 实习 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  |  |  | 茶贸必选 | 8163118 | 茶叶品牌营销  Tea Brand Marketing | 2 | 32 | 32 |  |  |  |  |  |  |  |  | 2 |  | 园艺 | 双 |
| 8163175 | 饮料工艺学  Drink Technology | 2 | 32 | 32 |  |  |  |  |  | 2 |  |  |  |  | 园艺 | 双 |
| 8163182 | 茶叶深加工与综合利用  Tea Deep Processing and Comprehensive Utilization | 2 | 32 | 32 |  |  |  |  |  |  |  |  | 2 |  | 园艺 | 双 |
| 8163180 | 茶树育种学  Tea breeding | 2 | 32 | 32 |  |  |  |  |  |  | 2 |  |  |  | 园艺 | 辅、双 |
| 茶贸任选组1 | 8163183 | 茶树病虫害防治学  Tea Plant Disease and Pests Control | 2 | 32 | 32 |  |  |  |  |  |  |  | 2 |  |  | 园艺 | 任选2，双 |
| 8163189 | 特种茶鉴赏  Special tea appreciation | 2 | 32 | 32 |  |  |  |  |  |  |  | 2 |  |  | 园艺 |
| 茶贸任选组2 | 8163183 | 茶菜肴制作技术  Making Technology of Tea Cuisine | 1 | 16 | 16 |  |  |  |  |  |  |  |  | 1 |  | 园艺 | 任选1，双 |
| 8163117 | 茶艺美学与表演艺术  Appearl art of tea severing | 1 | 16 | 16 |  |  |  |  |  |  |  |  | 1 |  | 园艺 |
| 茶艺方向 | 茶艺必选 | 8163175 | 饮料工艺学  Drink Technology | 2 | 32 | 32 |  |  |  |  |  | 2 |  |  |  |  | 园艺 | 双 |
| 8163177 | 茶艺学  Tea Artistry | 2 | 32 | 32 |  |  |  |  |  |  | 2 |  |  |  | 园艺 |
| 8163118 | 茶叶品牌营销  Tea Brand Marketing | 2 | 32 | 32 |  |  |  |  |  |  |  |  | 2 |  | 园艺 |
| 8163182 | 茶叶深加工与综合利用  Tea Deep Processing and Comprehensive Utilization | 2 | 32 | 32 |  |  |  |  |  |  |  |  | 2 |  | 园艺 |
| 茶艺任选组1 | 8163055 | 饮食业经营管理  Catering Business Management | 2 | 32 | 32 |  |  |  |  |  |  |  | 2 |  |  | 园艺 | 任选2,双 |
| 8163189 | 特种茶鉴赏  Special tea appreciation | 2 | 32 | 32 |  |  |  |  |  |  |  | 2 |  |  | 园艺 |
| 茶艺任选组2 | 8163183 | 茶菜肴制作技术  Making Technology of Tea Cuisine | 1 | 16 | 16 |  |  |  |  |  |  |  |  | 1 |  | 园艺 | 任选1，双 |
| 8163190 | 茶席插花艺术  Flower Arrangement and Floral Design for tea table | 1 | 16 | 16 |  |  |  |  |  |  |  |  | 1 |  | 园艺 |
| 茶学方向 | 茶学必选 | 8163181 | 植物饮料资源  Beverage Plants Resources | 2 | 32 | 32 |  |  |  |  |  |  |  |  | 2 |  | 园艺 | 双 |
| 8163182 | 茶叶深加工与综合利用  Tea Deep Processing and Comprehensive Utilization | 2 | 32 | 32 |  |  |  |  |  |  |  |  | 2 |  | 园艺 | 双 |
| 8163175 | 饮料工艺学  Drink Technology | 2 | 32 | 32 |  |  |  |  |  | 2 |  |  |  |  | 园艺 | 辅、双 |
| 8163180 | 茶树育种学  Tea breeding | 2 | 32 | 32 |  |  |  |  |  |  | 2 |  |  |  | 园艺 | 辅、双 |
| 茶学任选组1 | 8163189 | 特种茶鉴赏  Special tea appreciation | 2 | 32 | 32 |  |  |  |  |  |  |  | 2 |  |  | 园艺 | 任选2,双 |
| 8163184 | 茶树病虫害防治学  Tea Plant Disease and Pests Control | 2 | 32 | 32 |  |  |  |  |  |  |  | 2 |  |  | 园艺 |
| 茶学任选组2 | 8163183 | 茶菜肴制作技术  Making Technology of Tea Cuisine | 1 | 16 | 16 |  |  |  |  |  |  |  |  | 1 |  | 园艺 | 任选1，双 |
| 8163117 | 茶艺美学与表演艺术  Appearl art of tea severing | 1 | 16 | 16 |  |  |  |  |  |  |  |  | 1 |  | 园艺 |
|  | 个性拓展课程(专业任选课或全校公共选修课） | | | 10 | 160 | 160 |  |  |  |  | 2 | 2 | 2 | 2 | 2 |  |  |  |
| 拓展教育课程小计 | | 小计 | | 25 | 400 | 400 |  |  | 1 | 0 | 4 | 2 | 4 | 4 | 10 |  |  |  |

**茶学专业教学计划进程表Ⅳ**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 课程类别 | | | 课程代码 | 课程名称 | 学分 | 学 时 | | | | 各学期学分分配 | | | | | | | | 开课  学院 | 备注 |
| 总数 | 理论 | 实验 | 实习 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 实践教育环节 | 整合  实验 |  | 8256065 | 大学计算机基础实验  Experiment of Basic Computer | 0.5 | 16 |  | 16 |  |  | 0.5 |  |  |  |  |  |  | 数学与信息 |  |
|  | 8256067 | Java程序设计实验  Experiment of Java Program Design | 0.5 | 16 |  | 16 |  |  |  | 0.5 |  |  |  |  |  | 数学与信息 |  |
|  | 8126114 | 数学实验  Mathematical Experiment | 1 | 32 |  | 32 |  |  | 1 |  |  |  |  |  |  | 数学与信息 |  |
|  | 8126127 | 基础化学实验BⅠ  General Chemistry Experiment BⅠ | 1 | 32 |  | 32 |  | 1 |  |  |  |  |  |  |  | 材料与能源 |  |
|  | 8126128 | 基础化学实验BⅡ  General Chemistry Experiment BⅡ | 1 | 32 |  | 32 |  |  | 1 |  |  |  |  |  |  | 材料与能源 |  |
|  | 8156121 | 植物学实验B实验  Plant Physiology Experiments B | 1 | 32 |  | 32 |  | 1 |  |  |  |  |  |  |  | 生科 |  |
|  | 8153046 | 植物生理学实验B  Plant Physiology Experiments B | 0.5 | 16 |  | 16 |  |  |  | 0.5 |  |  |  |  |  | 生科 |  |
|  | 8166139 | 茶叶生物化学实验  Experiment of Tea Biochemistry | 1 | 32 |  | 32 |  |  |  |  |  | 1 |  |  |  | 园艺 |  |
|  | 8166061 | 茶文化学实验  Experiment of Tea Culture | 1 | 32 |  | 32 |  |  |  | 1 |  |  |  |  |  | 园艺 |  |
|  | 8166067 | 茶叶加工与机械实验  Tea Processing and Machinery Experiment | 1 | 32 |  | 32 |  |  |  |  |  |  | 1 |  |  | 园艺 |  |
|  | 8166068 | 茶叶审评与检验  Tea Appraisal and Inspection Experiment | 1 | 32 |  | 32 |  |  |  |  |  |  | 1 |  |  | 园艺 |  |
|  | 8166069 | 茶树栽培学实验  Experiment of Tea Plant Culture | 1 | 32 |  | 32 |  |  |  |  |  | 1 |  |  |  | 园艺 |  |
|  | 8136067 | 试验统计学实验  Experimental Statistics Experiment | 0.5 | 16 |  | 16 |  |  |  |  | 0.5 |  |  |  |  | 农学 |  |
|  | 8166128 | 茶叶深加工与综合利用实验  Experiment of Tea Deep Processing and Comprehensive Utilization | 0.5 | 16 |  | 16 |  |  |  |  |  |  |  | 0.5 |  | 园艺 |  |
|  | 8166129 | 饮料工艺学实验  Experiment of | 0.5 | 16 |  | 16 |  |  |  |  | 0.5 |  |  |  |  | 园艺 |  |
| 茶 叶加工与贸易方向 | 8166151 | 茶树育种学实验  Experiment of Tea Breeding | 0.5 | 16 |  | 16 |  |  |  |  |  | 0.5 |  |  |  | 园艺 |  |
| 茶艺与品牌营销方向 | 8166152 | 茶艺学实验  Experiment of Tea Artistry | 0.5 | 16 |  | 16 |  |  |  |  |  | 0.5 |  |  |  | 园艺 |  |
| 茶学方向 | 8166151 | 茶树育种学实验  Experiment of Tea Breeding | 0.5 | 16 |  | 16 |  |  |  |  |  | 0.5 |  |  |  | 园艺 |  |
| 合计 | 小计 | | 12.5 | 400 |  | 400 |  | 2 | 2.5 | 2 | 1 | 2.5 | 2 | 0.5 |  |  |  |

**茶学专业教学计划进程表Ⅴ1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 课程类别 | | | 课程代码 | 课程名称 | 学分 | 学 时 | | | | 各学期学分分配 | | | | | | | | 开课  学院 | 备注 |
| 总数 | 理论 | 实验 | 实习 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 实践教育环节 | 整合实习 | 专业必修 | 8166142 | 茶树栽培学实习  Practice of Tea Plant Culture | 1.5 | 1.5 |  |  | 1.5 |  |  |  |  | 1.5 |  |  |  | 园艺 |  |
| 8166143 | 茶叶加工与机械实习  Practice of Tea Processing and machinery | 1.5 | 1.5 |  |  | 1.5 |  |  |  |  |  | 1.5 |  |  | 园艺 |
| 8166144 | 茶叶审评与检验实习  Tea Processing and Machinery Practices | 1.5 | 1.5 |  |  | 1.5 |  |  |  |  |  | 1.5 |  |  | 园艺 |
| 8166046 | 茶叶贸易学实习  Practice of Tea Trade | 0.5 | 0.5 |  |  | 0.5 |  |  |  |  |  | 0.5 |  |  | 园艺 |
| 8166063 | 茶学综合实习  Tea Specility Comprehensive Practices | 1.5 | 1.5 |  |  | 1.5 |  |  |  |  |  |  | 1.5 |  | 园艺 |
| 8166021 8166023 | 农事操作  Farming Practices | 1 | 1 |  |  | 1 |  |  |  |  | 0.5 | 0.5 |  |  | 园艺 |
| 茶叶加工与贸易方向 | 8166028 | 饮料工艺学实习  Practice of Drink technology | 1 | 1 |  |  | 1 |  |  |  | 1 |  |  |  |  | 园艺 |  |
| 8166145 | 茶叶深加工与综合利用实习  Practice of Tea Deep Processing and Comprehensive Utilization | 1 | 1 |  |  | 1 |  |  |  |  |  |  | 1 |  | 园艺 |
| 8166148 | 茶树育种学实习  Tea Breeding Practice | 1 | 1 |  |  | 1 |  |  |  |  | 1 |  |  |  | 园艺 |  |
| 茶艺与品牌营销方向 | 8166146 | 茶艺学实习  Tea Artistry Practices | 1 | 1 |  |  | 1 |  |  |  |  | 1 |  |  |  | 园艺 |  |
| 8166028 | 饮料工艺学实习  Practice of Drink technology | 1 | 1 |  |  | 1 |  |  |  | 1 |  |  |  |  | 园艺 |  |
| 8166145 | 茶叶深加工与综合利用实习  Practice of Tea Deep Processing and Comprehensive Utilization | 1 | 1 |  |  | 1 |  |  |  |  |  |  | 1 |  | 园艺 |  |
| 茶学方向 | 8166028 | 饮料工艺学实习  Beverage Processing Technology Practice | 1 | 1 |  |  | 1 |  |  |  | 1 |  |  |  |  | 园艺 |  |
|  | 8166145 | 茶叶深加工与综合利用实习  Practice of Tea Deep Processing and Comprehensive Utilization | 1 | 1 |  |  | 1 |  |  |  |  |  |  | 1 |  | 园艺 |  |
|  | 8166148 | 茶树育种学实习  Practice of Tea Breeding | 1 | 1 |  |  | 1 |  |  |  |  | 1 |  |  |  | 园艺 |  |
|  | 合计 | 茶叶加工与贸易方向小计 | | 10.5 | 10.5 |  |  | 10.5 |  |  |  | 1 | 3.0 | 4.0 | 2.5 |  |  |  |
|  | 茶艺方向小计 | | 10.5 | 10.5 |  |  | 10.5 |  |  |  | 1 | 3.0 | 4.0 | 2.5 |  |  |  |
|  | 茶学方向小计 | | 10.5 | 10.5 |  |  | 10.5 |  |  |  | 1 | 3.0 | 4.0 | 2.5 |  |  |  |
|  | 社会实践 |  | 社会实践  Social Practice | 4 | 4 |  |  | 4 |  | 1 | 1 | 2 |  |  |  |  | 思政 |  |
|  | 创新  创业 | 8166057 | 创新创业  Innovative Entrepreneutial Practice | 3 | 3 |  |  | 3 |  |  |  |  | 3 |  |  |  | 园艺 |  |
|  | 学科训练I |  | 学科训练I  Subject Training I | 1 | 1 |  |  | 1 |  |  |  | 1 |  |  |  |  | 训练中心 |  |
|  | 学科训练II |  | 学科训练II  Subject Training II | 1 | 1 |  |  | 1 |  |  |  |  | 1 |  |  |  | 训练中心 |  |
|  | 阳光体育 |  | 阳光体育  Sunshine Sports | 2 | 2 |  |  | 2 | 0.5 | 0.5 | 0.5 | 0.5 |  |  |  |  | 体育部 |  |
|  | 军训 | 8326001 | 军训  Military Tranining | 1 | 1 |  |  | 1 | 1 |  |  |  |  |  |  |  | 园艺 |  |
|  | 毕业实习 | 8166002 | 毕业实习  Graduation Practice | 6 | 6 |  |  | 6 |  |  |  |  |  | 6 |  |  | 园艺 | 双 |

**茶学专业教学计划进程表Ⅴ2**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 课程类别 | | | 课程代码 | 课程名称 | 学分 | 学 时 | | | | 各学期学分分配 | | | | | | | | 开课  学院 | 备注 |
| 总数 | 理论 | 实验 | 实习 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  |  | 毕业论文/设计 | 8166001 | 毕业论文/设计  Graduation Thesis | 8 | 8 |  |  | 8 |  |  |  |  |  |  |  | 8 | 园艺 | 双 |
| 实践教育课程小计 | 小计 | | | 49 | 26 |  |  | 26 | 1.5 | 1.5 | 1.5 | 3.5 | 4 | 6 |  | 8 |  |  |
| 合计 | | |  | | 160 | 2208 | 1793 | 415 | 36.5 | 19.5 | 23.5 | 23 | 23 | 21.5 | 24.5 | 16.5 | 8.5 | 160 |  |

必修课比例统计： 74.1%；选修课比例统计：25.9 %。 辅修：24. 5学分；

说明：

1、辅修及双学位的课程请在备注注明，辅修请注“辅”，双学位请注“双”，原则上双学位是在辅修的基础上再增加课程。

2、必修课比例指理论课及实验课中必修课学时占总学时的比例。

3、“茶贸”指茶叶加工与贸易方向；“茶艺”指茶艺与品牌营销方向；“茶学”指茶学专业（不分方向）。