生物科学(师范)专业本科培养方案

**一、培养目标**

1.**[目标定位]**以中国特色社会主义理论体系为指导，全面贯彻党的教育方针，落实立德树人根本任务，根据国家基础教育改革要求和生物学发展趋势，基于“崇德尚学、求实创新”的校训，立足海南，面向全国，培养富有高尚师德与教育情怀、具备扎实的生物科学基础知识和实践技能、掌握教育教学理论与方法复合型人才，能从事基础教育生物学科的教学、研究和教育管理工作。

2.**[目标内涵]**（1）热爱社会主义祖国，拥护中国共产党的领导，形成并确立正确的世界观、人生观和价值观，践行社会主义核心价值观；热爱教育事业，具有高尚师德和教育情怀，具有坚定的教师专业信念和高尚的职业道德。（2）掌握扎实的生物学基础知识和实践技能，理解生物学学科核心素养的内涵，把握生物学基础教育的发展动态和其他学科的关联，能独立开展教学研究与创新；胜任班级管理，掌握学生身心健康发展的科学规律。（3）富有创新精神、创业意识和创新创业能力，具有团队协作能力，具有以探究为核心的教学研究素养及在基础教育领域开拓创新的能力。

3.**[目标评价]**（1）依据国内外教育发展形势的变化，及时对培养目标进行修订。紧随时代发展，把握人才需求方向，培养符合国家基础教育改革发展需求的中学生物学教师；（2）以学年为单位，建立稳定的培养目标修订机制，邀请领域内的专家及学科基础教育名家对培养体系进行论证。（3）建立毕业生的跟踪机制。收集用人单位、学生、高校教师、家长的意见和建议，对学生专业知识的掌握情况、课程对毕业要求的支撑情况等进行分析，了解培养方案的优势和不足，不断优化。

**二、毕业要求**

本专业学生在规定的时间内修满教学计划规定的学分，并达到以下基本要求后，方可毕业：

1．**[师德规范]** 践行社会主义核心价值观，具有高尚的道德情操，爱党爱国，遵纪守法；坚持党的教育方针，以立德树人为己任，做有理想信念、有道德情操、有扎实学识的好老师。

2．**[教育情怀]** 热爱教育事业，尊重学生人格，富有爱心和责任心，注重学生身心健康，引导学生全面发展。

3．**[学科素养]** 具有辩证唯物主义的科学发展观的思想，掌握生命科学的知识体系和研究方法以及学科核心素养内涵，了解跨学科知识。

4．**[教学能力]** 掌握教育学、心理学及生物学课程与教学论等教师教育类课程的理论与方法，具有基于生物学核心素养的教学理念和文献检索能力。依据学科课程标准，在教育实践中，能够以学习者为中心，创设适合的学习情境，指导学习过程，进行学习评价。

5．**[班级指导]** 掌握班级组织与建设的工作规律与基本方法，具有创建团结融洽的班级环境和指导学生发展的能力，能够对学生的综合素质进行评价，具有班主任的实践体验。

6．**[综合育人]** 具有全程育人、立体育人意识，理解学科育人价值，了解学校文化和教育活动的育人内涵和方法。能够在教育实践中将知识学习、能力发展与品德养成相结合，自觉在学科教学中有机进行育人活动，积极参与组织主题教育和社团活动，对学生进行有效的教育和引导。

7．**[学会反思]** 具有终身学习与专业发展意识。了解专业发展核心内容和发展动态，能够根据时代和教育发展需求更新知识结构。运用批判性思维方法，养成从学生学习、课程教学、学科理解等不同角度反思分析问题的习惯。

8．**[沟通合作]** 理解学习共同体的作用，掌握沟通合作的基本方法与技能，掌握一门外语，具有团队协作精神，积极开展合作学习。

毕业要求对培养目标支撑的矩阵图

|  |  |  |  |
| --- | --- | --- | --- |
| **毕业要求** | **培养目标1** | **培养目标2** | **培养目标3** |
| 毕业要求1 | H | M | H |
| 毕业要求2 | H | M | H |
| 毕业要求3 | M | H | M |
| 毕业要求4 | M | H | M |
| 毕业要求5 | H | M | H |
| 毕业要求6 | H | H | M |
| 毕业要求7 | M | H | H |
| 毕业要求8 | H | M | H |

**三、学制与修业年限**

1．基本学制为4年。

2．修业年限可根据学生具体情况适当缩短和延长，学习年限最短为3年，最长不得超过8年。

**四、核心课程**

植物学、动物学、生物化学、微生物学、生态学、细胞生物学、遗传学、植物生理学、人体解剖及动物生理学、分子生物学

**五、各类课程学分分配**

**（一）课程学分结构**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **课程类别** | **课程性质** | **学分要求** | **小计** | **比例**  **（不保留小数点）** | **备注** |
| 通识教育课程 | 公共必修 | 38 | 54 | 37% |  |
| 公共必选 | 9 |  |
| 公共任选 | 7 |  |
| 学科基础课程 | 大类必选 | 20 | 28 | 19% |  |
| 大类任选 | 8 |  |
| 专业核心课程 | 专业必修 | 29 | 29 | 20% |  |
| 专业拓展课程 | 专业任选 | 0 | 0 | 0% | 师范类专业不修读该模块课程 |
| 教师教育课程 | 教师教育必修 | 14 | 16 | 11% | 非师范专业不修读该模块课程 |
| 教师教育选修 | 2 |
| 实践课程（不含课内实验） | 专业必修 | 20 | 20 | 13% |  |
| 合计 |  | 147 | 147 | 100% |  |

**（二）开课规划**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **统计**  **学期** | **学分总数** | **周学时数** | **课程门数** | **考试门数** |
| 第1学期 | 25 | 31+2周（军训） | 13 | 2 |
| 第2学期 | 27 | 32 | 12 | 5 |
| 第3学期 | 20 | 20 | 7 | 2 |
| 第4学期 | 22 | 30+2周专业实习 | 11 | 5 |
| 第5学期 | 15 | 26+2周教育见习 | 10 | 3 |
| 第6学期 | 22 | 21+2周教育见习 | 11 | 3 |
| 第7学期 | 8 | 教育实习(一学期) | 1 | 1 |
| 第8学期 | 8 | 4+8周（毕业设计） | 3 | 0 |
| 合计 | 147 |  | 68 | 21 |

**六、毕业学分要求及学士学位授予条件**

修完本专业计划规定的所有课程，获得147学分，其中通识教育课程54学分，学科基础课程28学分，专业核心课程29学分，专业拓展课程0学分， 教师教育课程16学分，实践课程20学分，即可毕业，发给生物科学专业毕业证书。

符合《中华人民共和国学位条例》和《海南师范大学关于授予学士学位的若干规定》，可授予理学学士学位。

**七、课程设置及安排**

**（一）通识教育课程安排表（54学分）**

**1.必修课（38学分）**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **课程类别** | **课程性质** | | | | | **课程编号** | | | | | | **课程名称** | | | | | | | **总**  **学**  **时** | | | | | **面授 时数** | | | | | | | **在线时数** | | | | | | | | | **实验（践）课时数** | | | | | | | | | **学分** | | | | | | | **周**  **学**  **时** | | | | | | **建议修读学期** | | | | | | | | | **考核方式** | | | | | | | | | | **开课单位** | | | | | | | | | | **备注** | | |
| **通识教育** | **公共必 修** | | | | | 9my11001 | | | | | | 思想道德修养与法律基础 | | | | | | | 51 | | | | | 34 | | | | | | | 0 | | | | | | | | | 17 | | | | | | | | | 3 | | | | | | | 3 | | | | | | 1 | | | | | | | | | 考查 | | | | | | | | | | 马克思主义学院 | | | | | | | | | |  | | |
| 9my11002 | | | | | | 中国近现代史纲要 | | | | | | | 51 | | | | | 51 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | 3 | | | | | | 2 | | | | | | | | | 考查 | | | | | | | | | | 马克思主义学院 | | | | | | | | | |  | | |
| 9my11003 | | | | | | 马克思主义基本原理 | | | | | | | 51 | | | | | 51 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | 3 | | | | | | 文4/理工3 | | | | | | | | | 考试 | | | | | | | | | | 马克思主义学院 | | | | | | | | | |  | | |
| 9my11004 | | | | | | 毛泽东思想和中国特色社会主义理论体系概论 | | | | | | | 85 | | | | | 68 | | | | | | | 0 | | | | | | | | | 17 | | | | | | | | | 5 | | | | | | | 4 | | | | | | 文3/理工4 | | | | | | | | | 考试 | | | | | | | | | | 马克思主义学院 | | | | | | | | | |  | | |
| 9my11005 | | | | | | 形势与政策 | | | | | | | 32 | | | | | 0 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | 4 | | | | | | 1-8 | | | | | | | | | 考查 | | | | | | | | | | 马克思主义学院 | | | | | | | | | |  | | |
| 9wy11001 | | | | | | 大学英语（一） | | | | | | | 39 | | | | | 0 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | 3 | | | | | | 1 | | | | | | | | | 考查 | | | | | | | | | | 外国语学院 | | | | | | | | | |  | | |
| 9wy11002 | | | | | | 大学英语（二） | | | | | | | 51 | | | | | 0 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | 3 | | | | | | 2 | | | | | | | | | 考试 | | | | | | | | | | 外国语学院 | | | | | | | | | |  | | |
| 9wy11003 | | | | | | 大学英语（三） | | | | | | | 51 | | | | | 0 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | 3 | | | | | | 3 | | | | | | | | | 考查 | | | | | | | | | | 外国语学院 | | | | | | | | | |  | | |
| 9wy11004 | | | | | | 大学英语（四） | | | | | | | 51 | | | | |  | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | 3 | | | | | | 4 | | | | | | | | | 考试 | | | | | | | | | | 外国语学院 | | | | | | | | | |  | | |
| 9xx11001 | | | | | | 大学计算机基础 | | | | | | | 39 | | | | | 26 | | | | | | | 0 | | | | | | | | | 13 | | | | | | | | | 3 | | | | | | | 3 | | | | | | 1 | | | | | | | | | 考试 | | | | | | | | | | 信息科学技术学院 | | | | | | | | | | 非数物信类学生开设 | | |
| 9xx11003 | | | | | | Visual Basic程序设计 | | | | | | | 51 | | | | | 34 | | | | | | | 0 | | | | | | | | | 17 | | | | | | | | | 3 | | | | | | | 3 | | | | | | 2 | | | | | | | | | 考试 | | | | | | | | | | 信息科学技术学院 | | | | | | | | | |
| 9ty11001 | | | | | | 大学体育（一） | | | | | | | 26 | | | | | 0 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 1 | | | | | | | 2 | | | | | | 1 | | | | | | | | | 考查 | | | | | | | | | | 体育学院 | | | | | | | | | |  | | |
| 9ty11002 | | | | | | 大学体育（二） | | | | | | | 34 | | | | | 0 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 1 | | | | | | | 2 | | | | | | 2 | | | | | | | | | 考试 | | | | | | | | | | 体育学院 | | | | | | | | | |
| 9ty11003 | | | | | | 大学体育（三） | | | | | | | 34 | | | | | 0 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 1 | | | | | | | 2 | | | | | | 3 | | | | | | | | | 考查 | | | | | | | | | | 体育学院 | | | | | | | | | |
| 9ty11004 | | | | | | 大学体育（四） | | | | | | | 34 | | | | | 0 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 1 | | | | | | | 2 | | | | | | 4 | | | | | | | | | 考查 | | | | | | | | | | 体育学院 | | | | | | | | | |
| **小计** | | | | | | | | | | | | |  | | | | |  | | | | | | |  | | | | | | | | |  | | | | | | | | | **38** | | | | | | |  | | | | | |  | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | |
| 注: | | | | | | 1.思想政治课的实践教学主要有志愿服务、社会调查等活动； 2.大学外语课程实行分层次、分语种教学，大学英语分普通本科专业层次和艺术体育类专业层次分类教学，学生也可根据个人意愿选择大学日语、大学德语、大学韩语学习（详见大学外语课程安排）； 3.计算机技术基础类课程：根据专业特点与后续课程，从技术基础类课程中选一门作为必修课程（详见计算机公共课程安排）； | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2.选修课（16学分）** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **课程类别** | | | | **课程性质** | | | | | | **课程编号** | | | | | | **课程名称** | | | | | | **总**  **学**  **时** | | | | | | | **面授时数** | | | | | | | | **在线时数** | | | | | | | | | | **实验（践）课时数** | | | | | | **学分** | | | | | | | | **周**  **学**  **时** | | | | | | | | | **建议修读学期** | | | | | | | **考核方式** | | | | | | | | **开课单位** | | | | | | | **备注** | | |
| **通识教育** | | | | **公共必选** | | | | | | 9my12001 | | | | | | 军事课（军事理论/军事技能） | | | | | | 36 | | | | | | | 24 | | | | | | | | 12 | | | | | | | | | | 2周 | | | | | | 2+2 | | | | | | | | 18/2周 | | | | | | | | | 1 | | | | | | | 考查 | | | | | | | | 马克思主义学院 | | | | | | | 学生处管理 | | |
| 9jg12001 | | | | | | 创新创业基础 | | | | | | 16 | | | | | | | 10 | | | | | | | | 6 | | | | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | | 1 | | | | | | | 考查 | | | | | | | | 经管学院 | | | | | | |  | | |
| 9xl12001 | | | | | | 大学生职业发展与就业指导1 | | | | | | 16 | | | | | | | 16 | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | | 2 | | | | | | | 考查 | | | | | | | | 心理学院 | | | | | | | 招就处管理 | | |
| 9xl12003 | | | | | | 大学生职业发展与就业指导2 | | | | | | 16 | | | | | | | 16 | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | | 6 | | | | | | | 考查 | | | | | | | | 心理学院 | | | | | | | 招就处管理 | | |
| 9xl12002 | | | | | | 大学生心理健康教育 | | | | | | 16 | | | | | | | 14 | | | | | | | | 2 | | | | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | | 1 | | | | | | | 考查 | | | | | | | | 心理学院 | | | | | | |  | | |
| 9my12002 | | | | | | 大学公共安全教育 | | | | | | 16 | | | | | | | 16 | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | 1 | | | | | | | | 8/2周 | | | | | | | | | 1 | | | | | | | 考查 | | | | | | | | 马克思主义学院 | | | | | | | 学生处管理 | | |
|  | | | | | | 合计 | | | | | |  | | | | | | |  | | | | | | | |  | | | | | | | | | |  | | | | | | 9 | | | | | | | |  | | | | | | | | |  | | | | | | |  | | | | | | | |  | | | | | | |  | | |
| **公共任选** | | | | | | A经典研读与文化传承 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 自然科学类选修4学分 | | | | | | C数理基础与科学素养 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 人文社科类选修4学分 | | |
| B社会科学与国际视野 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D生态环境与生命关怀 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E创新教育与职业发展 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | E创新教育与职业发展 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F艺术鉴赏与审美体验 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | F艺术鉴赏与审美体验 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G为人师表与行为世范 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 师范选修3学分，非师范不选修 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **小计** | | | | | | | | | | | |  | | | | | | |  | | | | | | | | **师范** | | | | | | | | | | **16** | | | | | | | | | | | | | | **非**  **师范** | | | | | | | | | **13** | | | | | | | | | | | | | | |  | | | | | | |  | | |
| 注： | | | | | | | | | | 1.通识教育选修课程中的必修课程主要指国防教育（含军训）、创新创业基础 、大学生心理健康教育、职业生涯规划、大学公共安全教育，共计8学分；  2.通识教育选修课程中任选课程中：师范类学生修读7学分，其中G模块3学分；非师范类学生修读4学分，其中自然科学类在AB EFG模块中选4学分；人文社科类在CD EFG模块中选4学分；  3.通识教育任选课程除可从全校开设的文化素质教育类公选课修读外，也可从学校选定的优秀网络视频公开课程修读。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（二）学科基础课程（28学分）** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **课程类别** | | | | **课程性质** | | | | | **课程编号** | | | | | **课程名称** | | | | | | **总**  **学**  **时** | | | | | | | **课堂 教学 时数** | | | | | **在线时数** | | | | | | | | | | **实验（践）课时数** | | | | | | | | | **学分** | | | | | | | | | | **周**  **学**  **时** | | | | | | | | | **建议修读学期** | | | | | | | | **考核方式** | | | | | | | | **开课单位** | | | | | | **备注** | |
| **学科基础** | | | | **大类必选** | | | | | 9st32004 | | | | | 高等数学I | | | | | | 52 | | | | | | | 52 | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | | | | 4 | | | | | | | | | 1 | | | | | | | | 考试 | | | | | | | | 数学与统计学院 | | | | | |  | |
| 9st32005 | | | | | 高等数学II | | | | | | 68 | | | | | | | 68 | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | 4 | | | | | | | | | | 4 | | | | | | | | | 2 | | | | | | | | 考试 | | | | | | | | 数学与统计学院 | | | | | |  | |
| 9wd32001 | | | | | 大学物理Ⅰ（含实验） | | | | | | 85 | | | | | | | 75 | | | | | 0 | | | | | | | | | | 10 | | | | | | | | | 5 | | | | | | | | | | 5 | | | | | | | | | 2 | | | | | | | | 考试 | | | | | | | | 物理与电子工程学院 | | | | | |  | |
| 9hg32001 | | | | | 普通化学 | | | | | | 48 | | | | | | | 48 | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | | | | 4 | | | | | | | | | 2 | | | | | | | | 考试 | | | | | | | | 化学与化工学院 | | | | | |  | |
| 9hg32002 | | | | | 基础化学实验 | | | | | | 30 | | | | | | | 0 | | | | | 0 | | | | | | | | | | 30 | | | | | | | | | 1 | | | | | | | | | | 3 | | | | | | | | | 2 | | | | | | | | 考试 | | | | | | | | 化学与化工学院 | | | | | |  | |
| 9sk32001 | | | | | 基础生物学 | | | | | | 36 | | | | | | | 36 | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | | | 3 | | | | | | | | | 2 | | | | | | | | 考试 | | | | | | | | 生命科学学院 | | | | | |  | |
| 9dl32001 | | | | | 普通地理学 | | | | | | 34 | | | | | | | 34 | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | | | 2 | | | | | | | | | 1 | | | | | | | | 考试 | | | | | | | | 地理与环境学院 | | | | | |  | |
| **小计** | | | | | | | | | | |  | | | | | | |  | | | | |  | | | | | | | | | |  | | | | | | | | | **20** | | | | | | | | | |  | | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | |  | |
| **学科基础** | | | | **大类任选** | | | | | 9hg33012 | | | | | 学科专业导论 | | | | | | 16 | | | | | | | 16 | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | 1 | | | | | | | | | | 2 | | | | | | | | | 3 | | | | | | | | 考查 | | | | | | | | 化学与化工学院、生命科学学院、地理与环境学院 | | | | | |  | |
| 9hg33011 | | | | | 实验室安全基础 | | | | | | 16 | | | | | | | 8 | | | | | 0 | | | | | | | | | | 8 | | | | | | | | | 1 | | | | | | | | | | 2 | | | | | | | | | 1 | | | | | | | | 考查 | | | | | | | | 化学与化工学院、生命科学学院、地理与环境学院 | | | | | |  | |
| 9sk33001 | | | | | 生态学 | | | | | | 32 | | | | | | | 32 | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | | | 2 | | | | | | | | | 3 | | | | | | | | 考查 | | | | | | | | 生命科学学院 | | | | | |  | |
| 9sk33002 | | | | | 细胞生物学 | | | | | | 32 | | | | | | | 32 | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | | | 2 | | | | | | | | | 3 | | | | | | | | 考查 | | | | | | | |  | |
| 9hg33003 | | | | | 有机化学2 | | | | | | 32 | | | | | | | 32 | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | | | 4 | | | | | | | | | 3 | | | | | | | | 考查 | | | | | | | | 化工开课 | |
| **小计** | | | | | | | | | | |  | | | | | | |  | | | | |  | | | | | | | | | |  | | | | | | | | | **8** | | | | | | | | | |  | | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | |  | |
| **合计** | | | | | | | | | | |  | | | | | | |  | | | | |  | | | | | | | | | |  | | | | | | | | | **28** | | | | | | | | | |  | | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | |  | |
| 注： | | | | | | | | | 1.教育类、文史法类、数学物理信息类、化学生物地理类、管理类五大类统一设置大类基础课程，各大类可根据实际情况灵活设置大类必选和大类任选课程及其学分；  2.学校确定开设的大类学科基础课程有“高等数学”和“普通物理”，其余大类学科基础课程由相关学院共同商定开设；  3.各大类学院要单独设置学科专业导论课程（16学时，1学分），以网络+讲座形式对学生进行学术前沿教育；  4.外国语学院、音乐学院、体育学院、美术学院各自开设学院内的大类基础课程，学分可适当增减。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（三）专业核心课程（29学分）** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **课程类别** | | | | **课程性质** | | | | | **课程编号** | | | | | **课程名称** | | | **总**  **学**  **时** | | | | | | | **课堂 教学 时数** | | | | | | | | | **在线时数** | | | | | | | | | | **实验（践）课时数** | | | | | | | | | | | **学分** | | | | | | | | | **周**  **学**  **时** | | | | | | | | | **建议修读学期** | | | | | | | **考核**  **方式** | | | | | | | | **开课单位** | | | | | **备注** | |
| **专业核心** | | | | **专业必 修** | | | | | 9sk41001 | | | | | 植物学 | | | 56 | | | | | | | 56 | | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | | | 4 | | | | | | | 考试 | | | | | | | | 生命科学学院 | | | | |  | |
| 9sk41002 | | | | | 植物学实验 | | | 30 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | | 30 | | | | | | | | | | | 1 | | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | 考查 | | | | | | | |  | |
| 9sk41003 | | | | | 动物学 | | | 56 | | | | | | | 56 | | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | | | 4 | | | | | | | 考试 | | | | | | | |  | |
| **专业核心** | | | | **专业必 修** | | | | | 9sk41004 | | | | | 动物学实验 | | | | 30 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | | 30 | | | | | | | | | | | 1 | | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | 考查 | | | | | | | | 生命科学学院 | | | |  | |
| 9sk41005 | | | | | 生物化学 | | | | 48 | | | | | | | 48 | | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | | | 3 | | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | 考试 | | | | | | | |  | |
| 9sk41006 | | | | | 生物化学实验 | | | | 30 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | | 30 | | | | | | | | | | | 1 | | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | 考查 | | | | | | | |  | |
| 9sk41007 | | | | | 微生物学 | | | | 40 | | | | | | | 40 | | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | | | 2 | | | | | | | | | 2 | | | | | | | | | 4 | | | | | | | 考试 | | | | | | | |  | |
| 9sk41008 | | | | | 微生物学实验 | | | | 30 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | | 30 | | | | | | | | | | | 1 | | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | 考查 | | | | | | | |  | |
| 9sk41009 | | | | | 植物生理学 | | | | 40 | | | | | | | 40 | | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | | | 2 | | | | | | | | | 3 | | | | | | | | | 5 | | | | | | | 考试 | | | | | | | |  | |
| 9sk41010 | | | | | 植物生理学实验 | | | | 30 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | | 30 | | | | | | | | | | | 1 | | | | | | | | | 3 | | | | | | | | | 5 | | | | | | | 考查 | | | | | | | |  | |
| 9sk41011 | | | | | 分子生物学 | | | | 32 | | | | | | | 32 | | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | | | 2 | | | | | | | | | 2 | | | | | | | | | 5 | | | | | | | 考查 | | | | | | | |  | |
| 9sk41012 | | | | | 遗传学 | | | | 40 | | | | | | | 40 | | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | | | 2 | | | | | | | | | 2 | | | | | | | | | 5 | | | | | | | 考试 | | | | | | | |  | |
| 9sk41013 | | | | | 细胞与遗传学实验 | | | | 30 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | | 30 | | | | | | | | | | | 1 | | | | | | | | | 3 | | | | | | | | | 5 | | | | | | | 考查 | | | | | | | |  | |
| 9sk41014 | | | | | 人体解剖生理学 | | | | 40 | | | | | | | 40 | | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | | | 2 | | | | | | | | | 3 | | | | | | | | | 5 | | | | | | | 考试 | | | | | | | |  | |
| 9sk41015 | | | | | 人体解剖生理学实验 | | | | 30 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | | 30 | | | | | | | | | | | 1 | | | | | | | | | 3 | | | | | | | | | 5 | | | | | | | 考查 | | | | | | | |  | |
| 9sk41016 | | | | | 生物统计学 | | | | 16 | | | | | | | 16 | | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | | | 1 | | | | | | | | | 2 | | | | | | | | | 5 | | | | | | | 考查 | | | | | | | |  | |
| 9sk41017 | | | | | 生物工程概论 | | | | 32 | | | | | | | 32 | | | | | | | | | 0 | | | | | | | | | | 0 | | | | | | | | | | | 2 | | | | | | | | | 4 | | | | | | | | | 5 | | | | | | | 考查 | | | | | | | |  | |
| **小计** | | | | | | | | |  | | | | | | |  | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | **29** | | | | | | | | |  | | | | | | | | |  | | | | | | |  | | | | | | | |  | | | |  | |
| 注：专业核心课程是为反映专业特点和实现专业培养目标而设置的课程，参考教育部《普通高等学校本科专业目录和专业介绍（2012年）》所列课程。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（四）教师教育课程（16学分）** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **课程类别** | | | **课程性质** | | | | | **课程编号** | | | | | **课程名称** | | | | | | | | | | **总**  **学**  **时** | | | | | | | **课堂 教学 时数** | | | | | | | | | **在线时数** | | | | | | | **实验(践)课时数** | | | | | | **学分** | | | | | | | | **周**  **学**  **时** | | | | | | | | **建议修读学期** | | | | | | | | **考核方式** | | | | | | | | **开课单位** | | | | | | **备注** | | | | |
| **教师教育** | | | **教师教育必修** | | | | | 9jy21001 | | | | | 教育学原理 | | | | | | | | | | 32 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 2 | | | | | | | | 2 | | | | | | | | 5 | | | | | | | | 考试 | | | | | | | | 教育学院 | | | | | |  | | | | |
| 9jy21002 | | | | | 教师职业道德与专业发展 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 5 | | | | | | | | 考查 | | | | | | | | 教育学院 | | | | | |
| 9jy21003 | | | | | 课程与教学论 | | | | | | | | | | 32 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 2 | | | | | | | | 2 | | | | | | | | 6 | | | | | | | | 考试 | | | | | | | | 教育学院 | | | | | |
| 9jy21004 | | | | | 班级管理 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 6 | | | | | | | | 考查 | | | | | | | | 教育学院 | | | | | |
| 9xl21001 | | | | | 发展与教育心理学 | | | | | | | | | | 32 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 2 | | | | | | | | 2 | | | | | | | | 4 | | | | | | | | 考试 | | | | | | | | 心理学院 | | | | | |
| 9xx21000 | | | | | 现代教育技术 | | | | | | | | | | 32 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 2 | | | | | | | | 2 | | | | | | | | 4 | | | | | | | | 考查 | | | | | | | | 信息科学技术学院 | | | | | |  | | | | |
| 9jj21802 | | | | | 教学技能训练 | | | | | | | | | | 32 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 2 | | | | | | | | 2 | | | | | | | | 7 | | | | | | | | 考查 | | | | | | | | 教师教育学院 | | | | | |  | | | | |
| 9jj21908 | | | | | 生物课程标准解读与教材分析（含中学生物实验） | | | | | | | | | | 32 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 2 | | | | | | | | 2 | | | | | | | | 6 | | | | | | | | 考查 | | | | | | | | 教师教育学院 | | | | | |  | | | | |
| **小计** | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | |  | | | | | | |  | | | | | | **14** | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | |  | | | | |
| **教师教育** | | | **教师教育选修** | | | | | 9xl23002 | | | | | 中学生心理辅导与教育 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 第5学期起，每学  期开出不少于3门（1-8周，9-16周） | | | | | | | | 考查 | | | | | | | | 心理学院 | | | | | |  | | | | |
| 9xl23002 | | | | | 学习心理学 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 考查 | | | | | | | |
| 9jy23001 | | | | | 教育政策与法规专题 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 考查 | | | | | | | | 教育学院 | | | | | |  | | | | |
| 9jy23002 | | | | | 教育案例评析 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 考查 | | | | | | | |
| 9jy23003 | | | | | 中学生品德发展与道德教育 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 考查 | | | | | | | |
| 9jy23004 | | | | | 教育哲学专题 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 考查 | | | | | | | |
| 9jy23005 | | | | | 教育热点问题专题 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 考查 | | | | | | | |
| 9jy23006 | | | | | 中外教育史专题 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 考查 | | | | | | | |
| 9jy23007 | | | | | 中外教育比较专题 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 考查 | | | | | | | |
| 9jy23008 | | | | | 学校管理专题 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 考查 | | | | | | | |
| 9jy23009 | | | | | 中小学名校长/名教师讲坛 | | | | | | | | | | 16 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | 0 | | | | | | 1 | | | | | | | | 2 | | | | | | | | 选课学生人数达到规定即开课 | | | | | | | | 考查 | | | | | | | | 教育学院/各学院 | | | | | |  | | | | |
|  | | | | | 汉字书写 | | | | | | | | | |  | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | | 各学院 | | | | | | 实行单项考核合格制 | | | | |
|  | | | | | 普通话 | | | | | | | | | |  | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | |
|  | | | | | …… | | | | | | | | | |  | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | | 各学院自行设置 | | | | | |  | | | | |
|  | | | | | …… | | | | | | | | | |  | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | |
|  | | | | | …… | | | | | | | | | |  | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | |
|  | |  | | | | | | **教师教育选修课程至少修读2学分** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **合计** | | | | | | | | | | | | | | | **16学分** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 注： | | | | | | | 1.非师范专业不修读该模块课程；  2.主要针对中学各学科教师培养设置课程；  3.小学教育、学前教育、特殊教育、教育学、心理学专业自行设置该模块课程。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（五）实践课程（20学分）** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **课程类别** | | | | | **课程性质** | | | | | | **课程编号** | | | | **课程名称** | | | | **总**  **学**  **时** | | | | | | | **课堂 教学 时数** | | | | | | | | | **在线时数** | | | | | | | | | | **实验（践）课时数** | | | | | | | | | | | | | **学分** | | | | | | | | **周学时** | | | **建议修读学期** | | | | | | | | | | | | | **考核方式** | | | | **负责单位** | | | | | | | **备注** | |
| **实践课程** | | | | | **专业必修** | | | | | | 9sk51001 | | | | 专业（教育）见习 | | | | 3-6周 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | | 3-6周 | | | | | | | | | | | | | 2 | | | | | | | |  | | | 3—6 | | | | | | | | | | | | | 考查 | | | | 各学院 | | | | | | |  | |
| 9sk51002 | | | | 专业（教育）实习 | | | |  | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | |  | | | | | | | | | | | | | 8 | | | | | | | |  | | | 7 | | | | | | | | | | | | | 考查 | | | | 各学院 | | | | | | |  | |
| 9sk51003 | | | | 毕业论文（设计） | | | | 8周 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | | 8周 | | | | | | | | | | | | | 4 | | | | | | | |  | | | 7，8 | | | | | | | | | | | | | 考查 | | | | 各学院 | | | | | | |  | |
|  | | | | 创新创业实践 | | | |  | | | | | | |  | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | 3 | | | | | | | |  | | |  | | | | | | | | | | | | | 考查 | | | | 各学院 | | | | | | |  | |
|  | | | | 劳动教育 | | | |  | | | | | | |  | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | 1 | | | | | | | |  | | |  | | | | | | | | | | | | | 考查 | | | | 各学院 | | | | | | |  | |
| 9sk51006 | | | | 植物学野外实习 | | | | 2周 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | |  | | | | | | | | | | | | | 1 | | | | | | | |  | | | 4 | | | | | | | | | | | | | 考查 | | | | 各学院 | | | | | | |  | |
| 9sk51007 | | | | 动物学野外实习 | | | | 2周 | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | |  | | | | | | | | | | | | | 1 | | | | | | | |  | | | 4 | | | | | | | | | | | | | 考查 | | | | 各学院 | | | | | | |
| **小计** | | | | | | | |  | | | | | | |  | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | **20** | | | | | | | |  | | |  | | | | | | | | | | | | |  | | | |  | | | | | | |  | |
| 注: | | | | | | | | | | | 1.师范类专业的实习时间为1学期，非师范类专业的实习时间根据相关要求自行设定； 2.学生在校期间参加创新创业实践周活动，参与学科竞赛、课题研究、创新实验、自主创业等活动，均可认定为创新创业实践活动学分，每位学生至少获得3个学分，累计超过修读要求的，可以申请替换相关课程学分，具体参见《海南师范大学创新创业学分管理办法》；  3.学生在校期间需修满1学分的劳动教育学分。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **八、辅修专业、辅修学位培养方案** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **生物科学专业（为其它专业学生设置）辅修专业培养方案** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **必修课（ 30学分）** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **课程类别** | | | | | **课程性质** | | | | | | **课程编号** | | | | **课程名称** | | | | | | **总**  **学**  **时** | | | | | | | **课堂 教学 时数** | | | | | | | | **在线时数** | | | | | | | | | | | | **实验（践）课时数** | | | | | | | | | **学分** | | | | | | | | **周**  **学**  **时** | | | | | | | | | **建议修读学期** | | | | | | | | | **考核方式** | | | | | | **开课单位** | | | | **备注** | |
|  | | | | |  | | | | | | 9sk33001 | | | | 生态学 | | | | | | 32 | | | | | | | 32 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 2 | | | | | | | | | 3 | | | | | | | | | 考试 | | | | | | 生命科学学院 | | | | 修满27学分，符合相关规定者，可授予海南师范大学辅修专业本科毕业证书。 | |
| 9sk33002 | | | | 细胞生物学 | | | | | | 32 | | | | | | | 32 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 2 | | | | | | | | | 3 | | | | | | | | | 考试 | | | | | |
| 9sk41001 | | | | 植物学 | | | | | | 56 | | | | | | | 56 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | | 4 | | | | | | | | | 4 | | | | | | | | | 考试 | | | | | |
| 9sk41002 | | | | 植物学实验 | | | | | | 30 | | | | | | | 0 | | | | | | | | 0 | | | | | | | | | | | | 30 | | | | | | | | | 1 | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | | | 考查 | | | | | |
| 9sk41003 | | | | 动物学 | | | | | | 56 | | | | | | | 56 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | | 4 | | | | | | | | | 4 | | | | | | | | | 考试 | | | | | |
| 9sk41004 | | | | 动物学实验 | | | | | | 30 | | | | | | | 0 | | | | | | | | 0 | | | | | | | | | | | | 30 | | | | | | | | | 1 | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | | | 考查 | | | | | |
| 9sk41005 | | | | 生物化学 | | | | | | 48 | | | | | | | 48 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | | | 考试 | | | | | |
| 9sk41007 | | | | 微生物学 | | | | | | 40 | | | | | | | 40 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 3 | | | | | | | | | 4 | | | | | | | | | 考试 | | | | | |
| 9sk41009 | | | | 植物生理学 | | | | | | 40 | | | | | | | 40 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 3 | | | | | | | | | 5 | | | | | | | | | 考试 | | | | | |
| 9sk41011 | | | | 分子生物学 | | | | | | 32 | | | | | | | 32 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 2 | | | | | | | | | 5 | | | | | | | | | 考查 | | | | | |
| 9sk41012 | | | | 遗传学 | | | | | | 40 | | | | | | | 40 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 3 | | | | | | | | | 5 | | | | | | | | | 考试 | | | | | |
| 9sk41014 | | | | 人体解剖生理学 | | | | | | 40 | | | | | | | 40 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 3 | | | | | | | | | 5 | | | | | | | | | 考试 | | | | | |
| 9sk41017 | | | | 生物工程概论 | | | | | | 32 | | | | | | | 32 | | | | | | | | 0 | | | | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 4 | | | | | | | | | 5 | | | | | | | | | 考查 | | | | | |
| **小计** | | | | | | | | | |  | | | | | | |  | | | | | | | |  | | | | | | | | | | | |  | | | | | | | | | **27** | | | | | | | |  | | | | | | | | |  | | | | | | | | |  | | | | | |  | | | |
| 注：辅修双专业的课程主要由该专业的学科专业基础课和专业核心课组成，课程学时、学分、学期安排必须与主修培养方案一致，学生至少修满27学分。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **生物科学专业（为其它专业学生设置）辅修学位培养方案** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **必修课（40学分）** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **课程类别** | | | | | **课程性质** | | | | | | **课程编号** | | | | **课程名称** | | | | | | **总学时** | | | | | **课堂 教学 时数** | | | | | | | | | | | | | | | **在线时数** | | | | | | | | | **实验（践）课时数** | | | | | | | | | **学分** | | | | | | | | **周学时** | | | | | | | | **建议修读学期** | | | | | | | **考核方式** | | | | **开课单位** | | | | | | | **备注** | |
|  | | | | |  | | | | | | 9sk33001 | | | | 生态学 | | | | | | 32 | | | | | 32 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 2 | | | | | | | | 3 | | | | | | | 考试 | | | | 生命科学学院  生命科学学院 | | | | | | | 修满37学分，符合相关规定者，可授予海南师范大学辅修学位证书。 | |
| 9sk33002 | | | | 细胞生物学 | | | | | | 32 | | | | | 32 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 2 | | | | | | | | 3 | | | | | | | 考试 | | | |
| 9sk41001 | | | | 植物学 | | | | | | 56 | | | | | 56 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | | 4 | | | | | | | | 4 | | | | | | | 考试 | | | |
| 9sk41002 | | | | 植物学实验 | | | | | | 30 | | | | | 0 | | | | | | | | | | | | | | | 0 | | | | | | | | | 30 | | | | | | | | | 1 | | | | | | | | 3 | | | | | | | | 4 | | | | | | | 考查 | | | |
| 9sk41003 | | | | 动物学 | | | | | | 56 | | | | | 56 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | | 4 | | | | | | | | 4 | | | | | | | 考试 | | | |
| 9sk41004 | | | | 动物学实验 | | | | | | 30 | | | | | 0 | | | | | | | | | | | | | | | 0 | | | | | | | | | 30 | | | | | | | | | 1 | | | | | | | | 3 | | | | | | | | 4 | | | | | | | 考查 | | | |
| 9sk41005 | | | | 生物化学 | | | | | | 48 | | | | | 48 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 3 | | | | | | | | 3 | | | | | | | | 4 | | | | | | | 考试 | | | |
| 9sk41006 | | | | 生物化学实验 | | | | | | 30 | | | | | 0 | | | | | | | | | | | | | | | 0 | | | | | | | | | 30 | | | | | | | | | 1 | | | | | | | | 3 | | | | | | | | 4 | | | | | | | 考查 | | | |
| 9sk41007 | | | | 微生物学 | | | | | | 40 | | | | | 40 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 3 | | | | | | | | 4 | | | | | | | 考试 | | | |
| 9sk41008 | | | | 微生物学实验 | | | | | | 30 | | | | | 0 | | | | | | | | | | | | | | | 0 | | | | | | | | | 30 | | | | | | | | | 1 | | | | | | | | 3 | | | | | | | | 4 | | | | | | | 考查 | | | |
| 9sk41009 | | | | 植物生理学 | | | | | | 40 | | | | | 40 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 3 | | | | | | | | 5 | | | | | | | 考试 | | | |
| 9sk41010 | | | | 植物生理学实验 | | | | | | 30 | | | | | 0 | | | | | | | | | | | | | | | 0 | | | | | | | | | 30 | | | | | | | | | 1 | | | | | | | | 3 | | | | | | | | 5 | | | | | | | 考查 | | | |
| 9sk41011 | | | | 分子生物学 | | | | | | 32 | | | | | 32 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 2 | | | | | | | | 5 | | | | | | | 考查 | | | |
| 9sk41012 | | | | 遗传学 | | | | | | 40 | | | | | 40 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 3 | | | | | | | | 5 | | | | | | | 考试 | | | |
| 9sk41013 | | | | 细胞与遗传学实验 | | | | | | 30 | | | | | 0 | | | | | | | | | | | | | | | 0 | | | | | | | | | 30 | | | | | | | | | 1 | | | | | | | | 3 | | | | | | | | 5 | | | | | | | 考查 | | | |
| 9sk41014 | | | | 人体解剖生理学 | | | | | | 40 | | | | | 40 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 3 | | | | | | | | 5 | | | | | | | 考试 | | | |
| 9sk41015 | | | | 人体解剖生理学实验 | | | | | | 30 | | | | | 0 | | | | | | | | | | | | | | | 0 | | | | | | | | | 30 | | | | | | | | | 1 | | | | | | | | 3 | | | | | | | | 5 | | | | | | | 考查 | | | |
| 9sk41016 | | | | 生物统计学 | | | | | | 16 | | | | | 16 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 1 | | | | | | | | 2 | | | | | | | | 5 | | | | | | | 考查 | | | |
| 9sk41017 | | | | 生物工程概论 | | | | | | 32 | | | | | 32 | | | | | | | | | | | | | | | 0 | | | | | | | | | 0 | | | | | | | | | 2 | | | | | | | | 4 | | | | | | | | 5 | | | | | | | 考查 | | | |
| 9sk51003 | | | | 毕业论文（设计） | | | | | | 8周 | | | | | 0 | | | | | | | | | | | | | | | 0 | | | | | | | | | 8周 | | | | | | | | | 4 | | | | | | | | 0 | | | | | | | | 7，8 | | | | | | | 考查 | | | |
| **小计** | | | | | | | | | |  | | | | |  | | | | | | | | | | | | | | |  | | | | | | | | |  | | | | | | | | | **37** | | | | | | | |  | | | | | | | |  | | | | | | |  | | | |  | | | | | | |
| 注：辅修双学位的课程主要由该专业的学科专业基础课和专业核心课组成，课程学时、学分、学期安排必须与主修培养方案一致，学生至少修满37学分。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |