## 修改履历

V0.6

1. 将program\_info改名为teaching\_plan
2. 将school字段改名为campus
3. 将course\_establish\_school数据表改名为course\_establish\_campus
4. 删除数据表major\_module\_course
5. 增加“教学计划-模块对应表”（teaching\_plan\_module）
6. 增加“模块课程对应表”（module\_course）

# 数据库一览表

## course

描述：省课程总表

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | 课程id | int |  |  |  |  | 自增 |
| 2 | code | 课程编号 | varchar |  |  |  |  | 5位数字 |
| 3 | name | 课程名称 | varchar |  |  |  |  | 文字、数字、括号、下划线 |
| 4 | abbreviation | 课程简称 | varchar |  |  |  |  | 文字、数字、括号、下划线 |
| 5 | credit | 学分 | tinyint |  |  |  |  | 1位数字 |
| 6 | credit\_hour | 学时 | int |  |  |  |  | 数字 |
| 7 | is\_practice | 实践环节标志 | tinyint |  |  | 0 |  | 1=有，0=无 |
| 8 | lecturer | 责任教师 | varchar |  |  |  |  |  |
| 9 | is\_certification | 证书有无 | tinyint |  |  | 0 |  | 1=有，0=无 |
| 10 | define\_date | 定义日期 | date |  |  |  |  | yyyy-mm-dd |
| 11 | remark | 备注 | longtext |  |  |  |  |  |
| 12 | department\_id | 教学部门id | int |  |  |  |  |  |
| 13 | classification | 课程层次 | tinyint |  |  |  |  | 12=本科，14=专科 |
| 14 | state | 课程状态 | tinyint |  |  | 1 |  | 1=启用，0=停用 |
| 15 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## course\_establish\_province

描述： 省学期开设的课程

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  | 自增 |
| 2 | year | 年度 | smallint |  |  |  |  | 四位数字 |
| 3 | semester | 学期 | tinyint |  |  |  |  | 1=春季，2=秋季 |
| 4 | course\_id | 课程id | int |  |  |  |  |  |
| 5 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## course\_establish\_campus

描述： 教学点学期开设的课程

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  | 自增 |
| 2 | year | 年度 | smallint |  |  |  |  |  |
| 3 | semester | 学期 | tinyint |  |  |  |  |  |
| 4 | course\_id | 课程id | int |  |  |  |  | 1.1course的id |
| 5 | campus\_id | 教学点id | int |  |  |  |  |  |
| 6 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## module\_current

描述： 各模块当前年度学期

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | module\_id | 模块id | int |  |  |  |  | 课程年度学期id：1  教学计划年度学期id：2  更新选课模块id：3 |
| 2 | current\_year | 当前年度 | smallint |  |  |  |  |  |
| 3 | current\_ semester | 当前学期 | tinyint |  |  |  |  |  |

## teaching\_plan

描述： 教学计划

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  |  |
|  | code | 教学计划编号 | varchar |  |  |  |  |  |
| 2 | year | 启用年度 | smallint |  |  |  |  | 四位数字 |
| 3 | semester | 启用学期 | tinyint |  |  |  |  | 1=春季，2=秋季 |
| 4 | student\_ classification | 学生类型 | tinyint |  |  |  |  | 12=本科，14=专科 |
| 5 | major\_ classification | 专业层次 | tinyint |  |  |  |  | 12=本科，14=专科 |
| 6 | major | 专业 | varchar |  |  |  |  |  |
| 7 | min\_credit\_graduation | 毕业最低学分 | float |  |  |  |  |  |
| 8 | [schooling](http://www.baidu.com/link?url=zLbE2qyqkY4iQZbEnL-nNN82hdfpeQ7SUfi_MUs2fX78UV6v4P_vHcUi2yEvHTGVXkxQjt0pD4BRz6m2qhwcv_)\_ period | 学制 | float |  |  | 2.0 |  |  |
| 9 | max\_credit\_ exemption | 免修免考最高学分 | float |  |  |  |  |  |
| 10 | max\_credit\_ semester | 新选课最高学分 | float |  |  |  |  |  |
| 11 | is\_activated | 启用标志 | tinyint |  |  |  |  | 1=启动，0=关闭 |
| 12 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## major\_module\_info

描述： 专业模块信息表

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  | 自增 |
| 2 | name | 模块名 | varchar |  |  |  |  |  |
| 3 | code | 代號 | Varchar | 5 |  |  |  | 用戶自己錄入的代號，以方便在excel導入時使用 |
| 4 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## teaching\_plan\_module

描述： 教学计划与模块的对应表

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  |  |
| 2 | teaching\_plan\_id | 教学计划id | int |  |  |  |  |  |
| 3 | module\_id | 模块id | int |  |  |  |  |  |
| 4 | credit | 学分 | int |  |  |  |  |  |
| 5 | min\_credit | 模块最低学分 | int |  |  |  |  |  |
| 6 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## module\_course

描述： 专业模块拥有的课程

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  |  |
| 2 | teaching\_plan\_module\_id | 教学计划模块对应表的id | int |  |  |  |  |  |
| 3 | course\_id | 课程id | int |  |  |  |  |  |
| 4 | is\_obligatory | 课程性质 | tinyint |  |  | 1 |  | 1=必修，0=选修 |
| 5 | suggested\_semester | 建议开设学期 | smallint |  |  |  |  |  |
| 6 | is\_masked | 是否屏蔽 | tinyint |  |  | 0 |  | 1=是，0=否 |
| 7 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## exemption\_info

描述： 免修免考信息表

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  |  |
| 2 | student\_id | 学号 | int |  |  |  |  |  |
| 3 | course\_id | 课程id | int |  |  |  |  |  |
| 4 | major\_name\_outer | 系统外专业名称 | varchar |  |  |  |  |  |
| 5 | course\_name\_outer | 系统外课程名称 | varchar |  |  |  |  |  |
| 6 | credit\_outer | 外课程学分 | tinyint |  |  |  |  |  |
| 7 | classification\_outer | 外课程层次 | tinyint |  |  |  |  |  |
| 8 | score | 成绩代码 | varchar |  |  |  |  |  |
| 9 | application\_year | 免考申请时间(年度) | smallint |  |  |  |  | 四位数字 |
| 10 | application\_ semester | 免考申请时间(学期) | tinyint |  |  |  |  | 1=春季，2=秋季 |
| 11 | exemption\_type\_id | 免修类型id | int |  |  |  |  |  |
| 12 | certification\_year | 颁证时间（年度） | int |  |  |  |  | 四位数字 |
| 13 | agency\_id | 颁证单位id | int |  |  |  |  |  |
| 14 | final\_result | 终审 | tinyint |  |  | 2 |  | 0=不通过  1=通过  2=未审核 |
| 15 | remark | 备注 | longtext |  |  |  |  |  |
| 16 | failure\_cause | 审核不通过原因 | longtext |  |  |  |  |  |
| 17 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## exemption\_major\_outer

描述： 免修免考中的系统外专业名称

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  | 自動生成，主索引 |
| 2 | major\_name | 名称 | varchar |  |  |  |  |  |
| 3 | code | 代號 | Varchar | 5 |  |  |  | 用戶自己錄入的代號，以方便在excel導入時使用 |
| 4 | is\_deleted | 是否已删除 | int |  |  | 0 |  | 1=已删，0=未删 |

## exemption\_agency

描述： 免修免考中的颁证单位

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  | 自動生成，主索引 |
| 2 | agency\_name | 单位名称 | varchar |  |  |  |  |  |
| 3 | code | 代號 | Varchar | 5 |  |  |  | 用戶自己錄入的代號，以方便在excel導入時使用 |
| 4 | is\_deleted | 是否已删除 | int |  |  | 0 |  | 1=已删，0=未删 |

## exemption\_type

描述： 免修免考中的免修类型

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  | 自動生成，主索引 |
| 2 | exemption\_type\_name | 免修类型 | varchar |  |  |  |  |  |
| 3 | code | 代號 | Varchar | 5 |  |  |  | 用戶自己錄入的代號，以方便在excel導入時使用 |
| 4 | is\_deleted | 是否已删除 | int |  |  | 0 |  | 1=已删，0=未删 |

## unified\_exam\_info

描述： 统考免考信息表

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  |  |
| 2 | student\_id | 学号 | int |  |  |  |  |  |
| 3 | registration\_year | 录入年度 | smallint |  |  |  |  | 四位数字 |
| 4 | registration\_ semester | 录入学期 | tinyint |  |  |  |  | 1=春季，2=秋季 |
| 5 | unified\_exam\_subject\_id | 免考科目id | int |  |  |  |  |  |
| 6 | unified\_exam\_cause\_id | 免考原因id | int |  |  |  |  |  |
| 7 | unified\_exam\_type\_id | 免统考类型id | int |  |  |  |  |  |
| 8 | failure\_cause | 审核不通过原因 | longtext |  |  |  |  |  |
| 9 | final\_result | 终审状态 | tinyint |  |  |  |  | 0=不通过  1=通过  2=未审核 |
| 10 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## unified\_exam\_subject

描述： 统考免考中的免统考科目

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  | 自動生成，主索引 |
| 2 | subject | 统考科目 | varchar |  |  |  |  |  |
| 3 | code | 代號 | Varchar | 5 |  |  |  | 用戶自己錄入的代號，以方便在excel導入時使用 |
| 4 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## unified\_exam\_cause

描述： 统考免考中的免统考原因

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  | 自動生成，主索引 |
| 2 | cause | 免统考原因 | longtext |  |  |  |  |  |
| 3 | code | 代號 | Varchar | 5 |  |  |  | 用戶自己錄入的代號，以方便在excel導入時使用 |
| 4 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## unified\_exam\_type

描述： 统考免考中的提取免统考类型

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  | 自動生成，主索引 |
| 2 | type | 免统考类型 | varchar |  |  |  |  |  |
| 3 | code | 代號 | Varchar | 5 |  |  |  | 用戶自己錄入的代號，以方便在excel導入時使用 |
| 4 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |

## department\_info

描述： 教学部门信息表

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  | 自動生成，主索引 |
| 2 | name | 部门名称 | varchar |  |  |  |  |  |
| 3 | code | 代號 | Varchar | 5 |  |  |  | 用戶自己錄入的代號，以方便在excel導入時使用 |
| 4 | is\_deleted | 是否已删除 | int |  |  | 0 |  | 1=已删，0=未删 |

## state\_info

描述：

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  |  |
| 2 | campus\_id | 教学点id | int |  |  |  |  |  |
| 3 | campus\_selection | 教学点学期选课状态 | tinyint |  |  |  |  | 1=开通，0=关闭 |
| 4 | campus\_confirmation | 教学点学期选课确认状态 | tinyint |  |  |  |  | 1=开通，0=关闭 |
| 5 | province\_student\_selection | 省学生平台选课状态 | tinyint |  |  |  |  | 1=开通，0=关闭 |
| 6 | campus\_student\_selection | 教学点学生平台选课状态 | tinyint |  |  |  |  | 1=开通，0=关闭 |
| 7 | student\_status\_changing | 教学点学籍异动 | tinyint |  |  |  |  | 1=开通，0=关闭 |

## student\_selection

描述： 学生选课信息表

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **字段名称** | **字段描述** | **字段类型** | **长度** | **允许空** | **缺省值** | **索引栏** | **其他信息** |
| 1 | id | id | int |  |  |  |  |  |
| 2 | student\_id | 学号 | int |  |  |  |  |  |
| 3 | course\_id | 课程id | int |  |  |  |  |  |
| 4 | year | 选课年度 | smallint |  |  |  |  |  |
| 5 | semester | 选课学期 | tinyint |  |  |  |  |  |
| 6 | is\_obligatory | 课程性质 | tinyint |  |  |  |  |  |
| 7 | expense | 费用 | float |  |  |  |  |  |
| 8 | selection\_status | 选课状态 | tinyint |  |  |  |  |  |
| 9 | is\_deleted | 是否已删除 | tinyint |  |  | 0 |  | 1=已删，0=未删 |