Database Definition List

# Version Control

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| --- | --- | --- |
| **Version** | **Date** | **Notes** |
| **1.0** | **11/27/2018** |  |
|  |  |  |
|  |  |  |

**`chemDB`.`Faculty Basic Information`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| faculty\_id | University assigned ID |  |
| f\_name | Faculty member’s first name |  |
| m\_name | Faculty member’s middle name |  |
| l\_name | Faculty member’s last name |  |
| gender | Faculty member’s gender |  |
| email | Faculty member’s email address |  |
| dob | Faculty member’s date of birth |  |
| ethnic | Faculty member’s ethnicity |  |
| tenure\_effective\_date | Used for the SE Chem Chair Survey to report on tenure changes in an academic year | Identified in report as: *Promotion and Tenure changes (from 2015/16 to 2016/17 AY)* |
| tenure\_neg\_decision\_date | Used for the SE Chem Chair Survey to report on tenure changes in an academic year | Identified in report as: *Promotion and Tenure changes (from 2015/16 to 2016/17 AY)* |
| arrive\_date | Arrival date to UGA |  |
| Tenure\_status | Faculty member’s current tenured status | - List of Values ('Non-tenure track', 'Tenure track', 'Tenured') |

**`chemDB`.`Faculty Appointment`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| appoint\_id | Unique ID. Auto-Increment. |  |
| position\_type | Tracks honorary titles | - List of Values (‘Named Professorship’, ‘Named Chair’, ‘Regents Professor’, ‘Distinguished Research Professor’, ‘UGA Foundation Distinguished Professor’, ‘Graham Perdue Professor’, ‘Franklin Professor’, ‘University Professor’, ‘GRA Eminent Scholar’)  - Used in the SE Chem Chair Survey |
| position\_name | Faculty title | List of Values ('Assistant', 'Associate', 'Full') |
| position\_start\_date | Start date for ‘position\_name’ |  |
| position\_end\_date | End date for ‘position\_name’ |  |
| starting\_salary | Starting salary for ‘position\_name’ | Used in the SE Chem Chair Survey for  -Average Starting Salary  -tracking salary changes |
| latest\_salary | Current Salary | Used in the SE Chem Chair Survey for  - Low, Average, High salary |
| appt\_faculty\_id | FK from ‘Faculty Basic Information’ table |  |

**`chemDB`.`Faculty Credentials`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| credential\_id | PK | Auto-Increment. |
| degree\_type | Type of degree completed | * List of Values (‘BA’, ‘BS’, ‘AB’, ‘MA’, ‘MS’, ‘PhD’, ‘MD’, ‘PharmD’) |
| received\_date | Issued date for degree |  |
| institution | Institution attended |  |
| major | Degree major |  |
| cred\_faculty\_id | FK from ‘Faculty Basic Information’ table |  |

**`chemDB`.`Faculty Research`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| record\_id | PK | Auto-Increment. |
| fk\_research\_faculty\_id | FK from ‘Faculty Basic Information’ table |  |
| project\_title | Text field for capturing project’s title |  |
| project\_funder | Text field for capturing funder |  |
| project\_funder\_type | Limited list of funding sources | List of Values ('Federal', 'State/Local', 'Corporate', 'Foundation', 'Foreign') |
| project\_start | Beginning date for the project |  |
| Research\_project\_end | Completion date of the project |  |

**`chemDB`.`Research Advisor`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| record\_id | PK | Auto-Increment. |
| faculty\_id | FK from ‘Faculty Basic Information’ table |  |
| student\_id | FK from ‘Student Basic Information’ table |  |
| start\_date | Beginning date for advisor-student assignment |  |
| end\_date | End date for advisor-student assignment |  |

**`chemDB`.`Student Basic Information`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| student\_id | University assigned ID |  |
| f\_name | Student’s first name |  |
| m\_name | Student’s middle name |  |
| l\_name | Student’s last name |  |
| ethnic | Student’s ethnicity |  |
| gender | Student’s gender |  |
| email | Student’s email address |  |
| nationality | Student’s nationality |  |
| student\_level | Student’s degree pursuit level | List of Values (‘Undergraduate’, ’Graduate’) |
| gre\_verbal\_score | GRE Verbal score from application |  |
| gre\_quantitative\_score | GRE Quantitative score from application |  |
| gre\_analytical\_writing\_score | GRE Writing score from application |  |
| gre\_subject\_score | GRE Subject score from application |  |
| in\_research | Student involved in undergrad research | Boolean value |
| in\_work\_study | Student involved in Work Study program | Boolean value |

**`chemDB`.`Student Milestone Records`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| record\_id | PK | Auto-Increment. |
| milestone\_type | Significant milestone completion for students | List of Values ('Graduated', 'Left Program', 'Prospectus', 'Thesis Defended') |
| degree\_objective | Degree being pursued | List of Values (‘Phd’, ‘MS’) |
| milestone\_date | Date milestone achieved |  |
| ms\_student\_id | FK from ‘Student Basic Information’ table |  |

**`chemDB`.`Student Financial Awards`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| record\_id | PK | Auto-Increment. |
| fk\_awards\_studentID | FK from ‘Student Basic Information’ table |  |
| award\_type | Type of award received | List of Values ('Scholarship', 'Fellowship', 'Assistantship') |
| award\_date | Date award received |  |
| amount | Monetary award amount |  |
| length\_months | Time limit of award in months |  |

**`chemDB`.`Student Financial Costs`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| cost\_id | PK | Auto-Increment. |
| fk\_cost\_studentID | FK from ‘Student Basic Information’ table |  |
| tuition\_amount | Tuition Cost Incurred |  |
| tuition\_paid | Tuition Amount Paid |  |
| fees\_paid | University/School fees paid |  |
| academic\_year | Academic School year | Ex: “2018/19” |

**`chemDB`.`Student Assistantship`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| record\_id | PK | Auto-Increment. |
| fk\_assist\_studentID | FK from ‘Student Basic Information’ table |  |
| academic\_year | Academic School year | Ex: “2018/19” |
| semester | Academic semester | List of Values ('Fall', 'Spring', 'Maymester', 'Summer') |
| teaching\_hours\_wk | Normal # of teaching hours/wk/assistantship | Used in SE Chem Chair Survey |
| lab\_sessions\_wk | Normal # of Labs/wk/assistantship | Used in SE Chem Chair Survey |
| tutoring\_hours\_wk | Average # of tutoring hours/wk/assistantship | Used in SE Chem Chair Survey |
| help\_sessions\_wk | Average # of help session hours/wk assistantship | Used in SE Chem Chair Survey |
| assistantship\_type | Title of assistantship | List of Values ('RA', 'TA') |
| compensation\_source | Source of funding for assistantship | List of Values ('Grant', 'Department') |
| lecture\_discussion\_hrs\_wk | Weekly lecture hours for the student |  |

**`chemDB`.`Post Grad`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| record\_id | PK | Auto-Increment. |
| post\_student\_id | FK from ‘Student Basic Information’ table |  |
| job\_sector |  |  |
| hired\_date | Start date at current employer |  |
| employer | Name of current employer |  |
| position | Position Title |  |

**`chemDB`.`Department` :** *The Department table acts as a set of business rules for the department*

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| record\_id | PK | Auto-Increment. |
| academic\_year | Academic School year | Ex: “2018/19” |
| federal\_benefits\_rate | Fringe benefits % of salaries | Used in SE Chem Chair Survey |
| nonfederal\_benefits\_rate | Fringe benefits % of salaries | Used in SE Chem Chair Survey |
| indirect\_rate | Indirect rate | Used in SE Chem Chair Survey |
| indirect\_basis | Indirect basis (salaries, supplies, equipment?) | Used in SE Chem Chair Survey |
| new\_hire\_release\_time | Total release time for new hires | Used in SE Chem Chair Survey |
| chair\_salary\_supplement\_summer | Summer salary support for serving as chair | Used in SE Chem Chair Survey |
| chair\_salary\_supplement\_AY | Supplement to salary for serving as chair (academic year) | Used in SE Chem Chair Survey |
| other\_support |  | Used in SE Chem Chair Survey. Listed as ‘Other Support’ |
| ta\_count | Number of Teacher Assistants for the AY | Used in SE Chem Chair Survey |
| normal\_teaching\_hours\_assist | Normal # of teaching hours/wk/assistantship | Used in SE Chem Chair Survey |
| normal\_labs\_per\_week\_assist | Normal # of Labs/wk/assistantship | Used in SE Chem Chair Survey |
| department\_turtoring | Average # of tutoring hours/wk/assistantship | Used in SE Chem Chair Survey |
| time\_limit\_support\_ms | Time limit of support for MS students | Used in SE Chem Chair Survey |
| time\_limit\_support\_phd | Time limit of support for Ph.D.students | Used in SE Chem Chair Survey |
| undergrads\_in\_teaching | Number of undergraduates used in teaching | Used in SE Chem Chair Survey |
| ta\_standard\_hrs\_wk | Total hours expected per week for each student |  |
| max\_yrs\_ta\_support\_ms |  |  |
| max\_yrs\_ta\_support\_phd |  |  |
| salary\_increase\_percent | Average percent of salary raises | Used in SE Chem Chair Survey  - Salary Raises, average percentage from 2015/16 to 2016/17 AY |
| lab\_fee\_per\_crdt\_hr | Fees charged for lab courses (average per credit hour) | Used in SE Chem Chair Survey |
| percent\_fee\_return\_dept | Fraction of collected lab fees that were returned to the department | Used in SE Chem Chair Survey |

**`chemDB`.`Department Budget`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| amount | Dollar amount allocated for the ‘category’ |  |
| fk\_budget\_academic\_year | Academic School year | Ex: “2018/19” |
| category | For dividing ‘Personnel’ and ‘Non-personnel’ costs | List of values ('Personnel Expense', 'Non-personnel Expense', 'Department Revenue', 'External Revenue', 'University Grants') |
| sub\_category | Categories assigned to ‘type’ |  |

**`chemDB`.`Classes`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| idClasses | PK |  |
| course\_id | University assigned course ID |  |
| academic\_year | Academic School year | Ex: “2018/19” |
| semester | Academic semester | List of Values ('Fall', 'Spring', 'Maymester', 'Summer') |
| enrollment\_count | Student enrollment count |  |
| lab\_course | Is this a lab course? | Boolean value |
| lecture\_course | Is this a lecture course? | Boolean value |

**`chemDB`.`IC Return`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| fk\_return\_academic\_year | Academic School year | Ex: “2018/19” |
| ic\_return\_percent | Percentage of overhead distributed |  |
| ic\_return\_recipient | Recipient of return | List of Values ('PI', 'Department', 'College', 'University') |

**`chemDB`.`Royalty`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| fk\_royalty\_academic\_year | Academic School year | Ex: “2018/19” |
| royalty\_percent | Percent of royalty or licensing income assigned to ‘royalty\_recipient’ |  |
| royalty\_recipient | List of recipients | List of values ('Personnel Expense', 'Non-personnel Expense', 'Department Revenue', 'External Revenue', 'University Grants') |

**`chemDB`.`Staff`**

|  |  |  |
| --- | --- | --- |
| **Field** | **Definition** | **Special Notes** |
| staff\_id |  |  |
| f\_name | First Name |  |
| m\_name | Middle Name |  |
| l\_name | Last Name |  |
| ethnic | Ethnicity |  |
| gender | Gender |  |
| dob | Date of Birth |  |
| title | Staff member’s title | List of Values ('Business Manager', 'Administrative Assistant', 'Grant Administrator', 'Accounting Assistant', 'Secretary', 'Office Staff', 'Computer Support Personnel', 'Instrument Operator', 'Instrumentation Manager', 'Electronic Technician', 'Machinists', 'Glassblower') |
| salary\_source |  | List of Values ('Department', 'College', 'Sponsored') |