|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **attribute name** | **description (meaning)** | **data type (length)** | **nulls**  **(Yes or No)** | **constraint (PK, FK, other)** |
| CRN | Uniquely identifies the module CRN | Int | No | PK |
| Day of week | States what day of the week the module is on | Text | No | Monday-Friday,excluding(Saturday and Sunday) |
| Trimester | Describes which trimester the module is in | Int | No | 1,2 or 3 |
| Year | States what year the module is taught in | Int | No | 1,2,3 or 4 |
| ModuleCode | Uniquely identifies module | Text | No | FK |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **attribute name** | **description (meaning)** | **data type (length)** | **nulls**  **(Yes or No)** | **constraint (PK, FK, other)** |
| Code | Uniquely identifies each major | Text | No | PK |
| MajorName | Describes the major | Text | No |  |
| Type | Describes the type of module | Text | Yes | Single or minor |
| CampusID | Uniquely identifies each campus | Text | No | FK |
| CourseCode | Uniquely identifies each programme | Text | No | FK |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **attribute name** | **description (meaning)** | **data type (length)** | **nulls**  **(Yes or No)** | **constraint (PK, FK, other)** |
| Module code | Uniquely identifies each module | text | No | PK |
| ModuleName | Describes the module | Text | No | Alternate Key |
| Min student | Minimum amount of students per module | int | No | Must be >=5 |
| Max student | Maximum number of students per module | Int | No | Must be <=15 |
| Average Student | Average students per module | Calculated | No | [minstudent]+[maxstudent]/2 |
| courseCode | Uniquely identifies each Course | Text | No` | FK |
| BannerID | Uniquely identifies Student | Text | No | FK |
| StaffCode | Uniquely identifies  staff | Text | No | FK |