department

🔑	**code**	**integer(50)**
📄	office number	integer(50)
📄	administration name	varchar(255)

department head

📄	special responsibility allowance	integer(100)
🔑	*academicsteaching staffstaff number*	*integer(10)* Ⓝ

academics

📄	grades	integer(10)
🔑	*teaching staffstaff number*	*integer(10)*

module

🔑	**module number**	**integer(10)**
📄	module name	varchar(255)
📄	topic	varchar(255)
🔑	*academicsteaching staffstaff number*	*integer(10)* Ⓝ

teaching staff

🔑	**staff number**	**integer(10)**
📄	name	varchar(255)
📄	salary	integer(100)
🔑	*departmentcode*	*integer(50)* Ⓝ

teaching assistant

📄	contract number	integer(10)
🔑	*teaching staffstaff number*	*integer(10)*

teaching assistant_module

🔑	*teaching assistantteaching staffstaff number*	*integer(10)*
🔑	*modulemodule number*	*integer(10)*

Mandatory xOR

Relational table specification
Table name: department
Attributes
code
Office number
Administration name
PRIMARY KEY   code

Relational table specification
Table name: teaching staff
Attributes
Staff number
name
salary
Department code
PRIMARY KEY   staff number
FOREIGN KEY   department code   REFERENCE: department (code)

Relational table specification
Table name: department head
Attributes
Department code
Office number
Administration name
Special responsibility allowance
Staff number
name
salary
Academicsteaching staffstaff number
grades
PRIMARY KEY   Academicsteaching staffstaff number
FOREIGN KEY   academicsteaching staffstaff number   REFERENCE: academics (teaching staffstaff number)

Relational table specification
Table name: academics
Attributes
Staff number
name
salary
Department code
grades
Teaching staffstaff number
PRIMARY KEY   staff number
FOREIGN KEY   teaching staffstaff number   REFERENCE: teaching staff (staff number)
FOREIGN KEY 2   **Department code**   **REFERENCE: department (code)**

Relational table specification
Table name: teaching assistant
Attributes
Staff number
name
salary
Department code
Contact number
Teaching staffstaff number
PRIMARY KEY   staff number
FOREIGN KEY   department code   REFERENCE: department (code)
FOREIGN KEY 2   Teaching staffstaff number   REFERENCE: teaching staff (staff number)

Relational table specification
Table name: module
Attributes
Module number
name
topic
Academicsteaching staffstaff number
PRIMARY KEY   module number
FOREIGN KEY   Academicsteaching staffstaff number   REFERENCE: academics (teaching staffstaff number)

Relational table specification
Table name: teaching assistant
Attributes
Staff number
name
salary
Department code
Contact number
Teaching staffstaff number
Module name
Module topic
Module number
Academicsteaching staffstaff number
Teachingassistantteaching staffstaff number
Modulemodule number
PRIMARY KEY Teachingassistantteaching staffstaff number
PRIMARY KEY 2 Modulemodule number
FOREIGN KEY Modulemodule number REFERENCE: module (module number)
FOREIGN KEY 2 Teachingassistantteaching staffstaff number REFERENCE: teaching assistant (teaching staffstaff number)