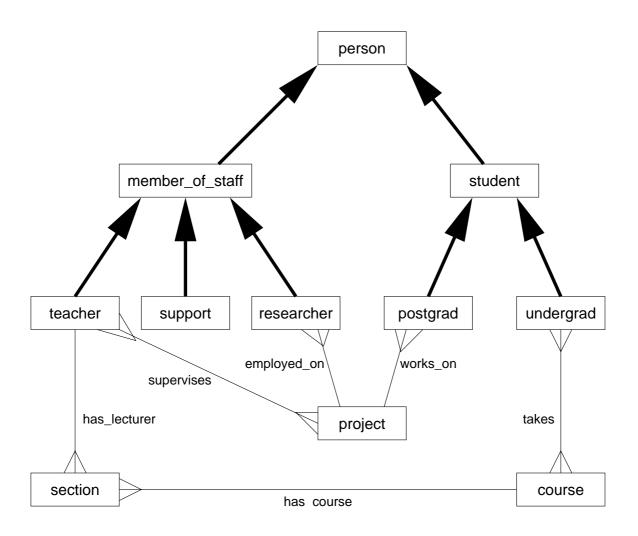# University database schema diagram

Daplex schema for University database

```
create shared module unidb

declare project ->> entity
declare title(project) -> string
declare funding_body(project) -> string
declare duration(project) -> integer
key_of project is title

declare course ->> entity
declare level(course) -> integer
declare units(course) -> integer
declare code(course) -> string
key_of course is code

declare person ->> entity
declare forename(person) -> string
declare surname(person) -> string
key_of person is surname, forename

declare member_of_staff ->> person
declare position(member_of_staff) -> string
declare room(member_of_staff) -> string

declare student ->> person
declare year(student) -> integer
declare faculty(student) -> string

declare researcher ->> member_of_staff
declare employed_on(researcher) -> project

declare teacher ->> member_of_staff
declare supervises(teacher) ->> project

declare support ->> member_of_staff

declare undergrad ->> student
declare takes(undergrad) ->> course

declare postgrad ->> student
declare works_on(postgrad) -> project

declare section ->> entity
declare section_name(section) -> string
declare has_course(section) -> course
declare has_lecturer(section) -> teacher
key_of section is key_of(has_lecturer), key_of(has_course);
```

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