**students**

student\_id PK

surname

first\_name  
date\_of\_birth Null

group\_no FK

1,1

0,n

0,n

0,n

1,1

**students\_modules**

student\_id PK, FK

module\_id PK, FK

planned\_exam\_date Null

C

CC

**modules**

module\_id PK

module\_name unique

no\_of\_hours  
lecturer\_id FK

preceding\_module FK

department FK

1,1

R

0,1

0,n

R

**groups**

group\_no PK

0,1

0,n

RC

**student\_grades**

student\_id PK, FK

module\_id PK, FK

exam\_date PK

grade FK

1,1

0,n

**grades**

grade PK

**lecturers**

lecturer\_id PK, FK

acad\_position FK

department FK

0,n

0,1

R

**employees**

employee\_id PK

surname

first\_name  
employment\_date Null

PESEL Null

1,1

0,1

C

0,1

0,n

**acad\_positions**

acad\_position PK

overtime\_rate

RC

RR

**departments**

department PK

1,1

0,n

RC

0,n

1,1

RC

**tuition\_fees**

payment\_id PK

student\_id FK

fee\_amount  
date\_of\_payment

1,1

0,n

R