1)

SELECT T.ID , T.name ,T.tot\_cred

FROM student as T , student as S

WHERE S.ID='19991' and T.tot\_cred < S.tot\_cred;

2)

SELECT DISTINCT student.name , student.ID ,course\_id,title,credits,grade

FROM student NATURAL JOIN takes NATURAL JOIN course

WHERE course.dept\_name = student.dept\_name;

3)

( SELECT ID,name

FROM instructor

WHERE dept\_name='Music')

UNION

(SELECT ID, name

FROM student

WHERE dept\_name='Music');