1. Selezionare tutti gli studenti iscritti al Corso di Laurea in Economia

SELECT `degrees`.`name` AS 'degree_name', `students`.`name` AS 'student_name',
`students`.`surname` AS 'student_surname'
FROM `degrees`
INNER JOIN `students`
ON `degrees`.`id`=`students`.`degree_id`
WHERE `degrees`.`name`='Corso di Laurea in Economia';

2. Selezionare tutti i Corsi di Laurea del Dipartimento di Neuroscienze

SELECT `departments`.`name` AS 'departments_name', `degrees`.`name` AS 'degrees_name'
FROM `departments`
INNER JOIN `degrees`
ON `departments`.`id`=`degrees`.`department_id`
WHERE `departments`.`name`='Dipartimento di Neuroscienze';

3. Selezionare tutti i corsi in cui insegna Fulvio Amato (id=44)

SELECT `teachers`.`name` AS 'teacher\'s_name', `teachers`.`surname` AS
'teacher\'s_surname', `course_teacher`.`course_id` AS 'course_id'
FROM `teachers`
INNER JOIN `course_teacher`
ON `teachers`.`id`=`course_teacher`.`teacher_id`
INNER JOIN `courses`
ON `course_teacher`.`course_id`=`courses`.`id`
WHERE `teachers`.`id` = 44;

4. Selezionare tutti gli studenti con i dati relativi al corso di laurea a cui sono iscritti e il relativo dipartimento, in ordine alfabetico per cognome e nome

SELECT `students`.`name` AS 'students\'_name', `students`.`surname` AS
'students\'_surname' , `degrees`.`name` AS 'degrees\'_name', `departments`.`name` AS
'departments\'_name'
FROM `students`

```
INNER JOIN `degrees`
ON `students`.`degree_id`=`degrees`.`id`
INNER JOIN `departments`
ON `degrees`.`department_id`=`departments`.`id`
ORDER BY `students`.`name`,`students`.`surname`;
```

5. Selezionare tutti i corsi di laurea con i relativi corsi e insegnanti

```
SELECT `degrees`.`name` AS 'degrees\'_name', `courses`.`name` AS 'courses\'_name',
`teachers`.`name` AS 'teachers\'_name', `teachers`.`surname` AS 'teachers\'_surname'
FROM `degrees`
INNER JOIN `courses`
ON `degrees`.`id`=`courses`.`degree_id`
INNER JOIN `course_teacher`
ON `courses`.`id`=`course_teacher`.`course_id`
INNER JOIN `teachers`
ON `course_teacher`.`teacher_id`=`teachers`.`id`;
```

6. Selezionare tutti i docenti che insegnano nel Dipartimento di Matematica (54)

```
SELECT DISTINCT `teachers`.`name` AS 'teachers\'_name', `teachers`.`surname` AS
'teachers\'_surname', `departments`.`name` AS 'department_name'
FROM `teachers`
INNER JOIN `course_teacher`
ON `teachers`.`id`=`course_teacher`.`teacher_id`
INNER JOIN `courses`
ON `course_teacher`.`course_id`=`courses`.`id`
INNER JOIN `degrees`
ON `courses`.`degree_id`=`degrees`.`id`
INNER JOIN `departments`
ON `degrees`.`department_id`=`departments`.`id`
WHERE `departments`.`name`='Dipartimento di Matematica';
```