

1. Selezionare tutti gli studenti iscritti al Corso di Laurea in Economia (68)

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

2. Selezionare tutti i Corsi di Laurea del Dipartimento di Neuroscienze (148)

```
SELECT `courses`.`name` AS `nome_corso`, `departments`.`name`  
  
FROM `courses`  
  
INNER JOIN `degrees` ON `courses`.`degree_id` = `degrees`.`id`  
  
INNER JOIN `departments` ON `degrees`.`department_id` =  
`departments`.`id`  
  
WHERE `departments`.`name` = 'Dipartimento di Neuroscienze'
```

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

```
SELECT `courses`.*, `teachers`.`name` AS `nome_insegnante`,  
`teachers`.`surname` AS `cognome_insegnante`  
  
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`.`surname`, `students`.`name`, `degrees`.`name` AS  
`corso`, `departments`.`name` AS `dipartimento`  
  
FROM `departments`  
  
INNER JOIN `degrees` ON `departments`.`id` =  
`degrees`.`department_id`  
  
INNER JOIN `students` ON `degrees`.`id` = `students`.`degree_id`  
  
ORDER BY `students`.`surname` ASC;
```

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

```
SELECT `degrees`.`name` AS `corso_di_laurea`, `courses`.`name` AS  
`corso`, `teachers`.`name`, `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 `teachers`.*, `departments`.`name` As `dipartimento`  
  
FROM `departments`  
  
INNER JOIN `degrees` ON `departments`.`id` =  
`degrees`.`department_id`  
  
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`
```

```
WHERE `departments`.`name` = 'Dipartimento di Matematica'
```

```
ORDER BY `teachers`.`id` ASC;
```