

1. Selezionare tutti gli studenti iscritti al Corso di Laurea in Economia  
SELECT `students`.`name`,`students`.`surname`,`degrees`.`name`,`degree\_id`  
FROM `students`  
JOIN `degrees` ON `students`.`degree\_id` = `degrees`.`id`  
WHERE `degrees`.`name` = 'corso di laurea in economia'  
ORDER BY `students`.`name`

2. Selezionare tutti i Corsi di Laurea del Dipartimento di Neuroscienze  
SELECT `degrees`.`name` AS `facoltà`,`departments`.`name` AS `dipartimento`,  
`departments`.`id` AS `numero\_dipartimento`  
FROM `degrees`  
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`.`name` AS `corsi\_dove\_insegna\_fulvio\_amato`,`teachers`.`name`,  
`teachers`.`surname`,`teachers`.`id`  
FROM `course\_teacher`  
JOIN `courses` ON `course\_teacher`.`course\_id` = `courses`.`id`  
JOIN `teachers` ON `course\_teacher`.`teacher\_id` = `teachers`.`id`  
WHERE `teachers`.`id` = 44  
AND `teachers`.`name` = 'fulvio' AND `teachers`.`surname` = 'amato'

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` AS `cognome\_studente`,`students`.`name` AS  
`nome\_studente`,`degrees`.`name` AS `facoltà`,`departments`.`name` AS  
`dipartimento`,`degrees`.`level`,`degrees`.`address`,  
`degrees`.`email`,`degrees`.`website`  
FROM `students`  
JOIN `degrees` ON `students`.`degree\_id` = `degrees`.`id`  
JOIN `departments` ON `degrees`.`department\_id` = `departments`.`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 `nome\_corso`,  
`teachers`.`name` AS `nome\_insegnante`,`teachers`.`surname` AS  
`cognome\_insegnante`  
FROM `course\_teacher`  
JOIN `teachers` ON `course\_teacher`.`teacher\_id` = `teachers`.`id`  
JOIN `courses` ON `course\_teacher`.`course\_id` = `courses`.`id`  
JOIN `degrees` ON `courses`.`degree\_id` = `degrees`.`id`  
ORDER BY `corso\_di\_laurea` ASC

6. Selezionare tutti i docenti che insegnano nel Dipartimento di Matematica (54)  
SELECT DISTINCTROW(`departments`.`name`) AS `dipartimento\_di\_corsi\_di\_laurea`,  
`teachers`.`name` AS `nome\_insegnante`,`teachers`.`surname` AS  
`cognome\_insegnante`  
FROM `course\_teacher`  
JOIN `teachers` ON `course\_teacher`.`teacher\_id` = `teachers`.`id`  
JOIN `courses` ON `course\_teacher`.`course\_id` = `courses`.`id`  
JOIN `degrees` ON `courses`.`degree\_id` = `degrees`.`id`  
JOIN `departments` ON `degrees`.`department\_id` = `departments`.`id`

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WHERE `departments`.`name` = 'dipartimento di matematica'
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