Tests on Use Cases:

* View Course Sequence (student) 🡪 #5
* Drop Course (student) 🡪 #9
* Manage Courses (admin) 🡪 #13

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| **UC5** | | **View Course Sequence** | | | |
| Test ID | Description | | Expected Output | Actual Output | Result |
| 5.1 | Student requests to view course sequence with no saved schedule | | Course sequence is displayed |  |  |
| 5.2 | Student requests to view course sequence after adding a course | | Course sequence is displayed |  |  |
| 5.3 | Student requests to view course sequence after dropping a course | | Course sequence is displayed |  |  |
| 5.4 | Student requests to view course sequence after dropping all courses | | Course sequence is displayed |  |  |
| 5.5 |  | |  |  |  |
| 5.6 |  | |  |  |  |
| 5.7 |  | |  |  |  |
| 5.8 |  | |  |  |  |

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| **UC9** | | **Drop Course** | | | |
| Test ID | Description | | Expected Output | Actual Output | Result |
| 9.1 | Student requests to drop a non-prerequisite course, and confirms the choice | | Updated schedule is produced and displayed | Updated schedule is produced and displayed | Pass |
| 9.2 | Student requests to drop a non-prerequisite course, and cancels the confirmation dialog box | | Same schedule is displayed | Same schedule is displayed | Pass |
| 9.3 | Student requests to drop a course that is a prerequisite to another course saved later in the schedule, and confirms the choice | | Message indicating that that course could not be dropped due to it being a prerequisite for a later course that’s saved is displayed | The course is successfully dropped from the schedule, and the course requiring that prerequisite stays in the schedule | Fail |
| 9.4 |  | |  |  |  |
| 9.5 |  | |  |  |  |
| 9.6 |  | |  |  |  |
| 9.7 |  | |  |  |  |
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| **UC13** | | **Manage Courses** | | | |
| Test ID | Description | | Expected Output | Actual Output | Result |
| 13.1 | Administrator requests to manage courses | | Course management page is displayed | Course management page is displayed | Pass |
| 13.2 | Administrator enters an existing course I.D. to the search bar | | Course with the given I.D. is displayed, along with an option to edit the course | Course with the given I.D. is displayed, along with the course code, course description, and an option to view, edit, or delete the course | Pass |
| 13.3 | Administrator enters a non-existent course I.D. to the search bar | | Message indicating that a course with that I.D. does not exist | “No results found” message is displayed | Pass |
| 13.4 | Administrator enters an existent course code to the search bar | | Course with the given code is displayed, along with an option to edit the course | Course with the given code is displayed, along with the course I.D., course description, and an option to view, edit, or delete the course | Pass |
| 13.5 | Administrator enters a non-existent course code to the search bar | | Message indicating that a course with that course code does not exist | “No results found” message is displayed | Pass |
| 13.6 | Administrator enters an existent course description to the search bar | | Course with the given description is displayed, along with an option to edit the course | Course with the given description is displayed, along with the course I.D., course code, and an option to view, edit, or delete the course | Pass |
| 13.7 | Administrator enters a non-existent course description to the search bar | | Message indicating that a course with that description does not exist | “No results found” message is displayed | Pass |
| 13.8 | Administrator requests to delete a course and confirms dialog box | | Updated course bank without the deleted course is produced and displayed | Updated course bank without the deleted course is produced and displayed | Pass |
| 13.9 | Administrator requests to delete a course and cancels dialog box | | Same course bank including the chosen course is displayed with no changes | Same screen as before requesting course deletion is displayed | Pass |
| 13.10 | Administrator requests to update a course | | Course editing page is displayed | Course editing page is displayed | Pass |
| 13.11 | Administrator edits the course code of a course | | Updated course bank with the new code is produced and displayed | Updated course details with the new course code is displayed | Pass |
| 13.11 | Administrator edits the course code of a course | | Updated course bank with the new description is produced and displayed | Updated course details with the new course description is displayed | Pass |
| 13.12 | Administrator edits the number of credits of a course | | Updated course bank with the new number of credits is produced and displayed | Updated course details is displayed, and the new number of credits is produced | Pass |
| 13.13 | Administrator edits the type of the course | | Updated course bank with the new course type is produced and displayed | Updated course details is displayed, and the new course type is produced | Pass |
| 13.14 |  | |  |  |  |
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