

Admin Creates a Course

1.1 Brief Description

This use case allows an Administrator to create a Course

1.2 Actors

Admin

1.3 Preconditions

Admin is logged into the system and at the Admin welcome page.

1.4 Flow of Events

Basic Flow

| User Action | System Response |
|---|--|
| 1. Admin selects the create course form | 1. The create course entry form is displayed |
| 2.1 Admin enters in: <ul style="list-style-type: none">• course number,• course name,• prerequisites required for this course. (optional)• target entry blocks• faculty who can teach this course (optional) 2.2 admin submits new course | 2.1 The system checks that this course number and name are unique, verifies that any prerequisites and faculty specified exist, and that the target entry blocks are in range. 2.2 If all the checks are met the system saves the new course in the MSchedDB and displays a success message. Otherwise, the system returns a failure message with the reason. |

1.5 Post-Conditions

For the success case the new course is saved to the MSchedDB.

1.6 Business Rules

- Course numbers must be unique
- Course names must be unique
- Any Prerequisites specified for a course must exist
- Any Faculty specified for a course must exist
- Target entry blocks have a range of MPP A, B, C, D and FPP A, B, C, D.

1.7 Nonfunctional Requirements -- none