

## Group 7:

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### MUMSched: Use Case Description

#### Use Case Number: 1

**Name** Register course

**Brief description** This use case allows the student to register course s

**Actors** Student

#### Preconditions

The student must be logged in to the system

#### Flows of Events:

##### 1. Basic Flows

##### 1.1.0 Register Course

Step	User Actions	System Actions
1	The student request the list of available courses on each block	The system displays the available courses during each block along with the professor that teaches it .
2	The student arranges the courses according to priority for each block and submits them to the system.	The system verifies whether the student has satisfied the necessary prerequisites for the requested course and the room availability and if both conditions are satisfied the system enrolls the students for that course.

#### Postconditions

The schedule of the student with the enrolled courses is persisted in the system

#### Business Rules

No duplicate course can be enrolled to the student.

Use Case Number: 2		
Name	View schedule	
Brief description	This use case provides a functionality for viewing enrolled courses	
Actors	Student	
Preconditions		
The student must be logged in to the system		
Flows of Events:		
1. Basic Flows		
1.0 view schedule		
Step	User Actions	System Actions
1	The student request to view his/her schedule	The system displays the list of enrolled courses for each block
Postconditions		
none		
Business Rule		
none		

**Use Case Number: 3****Name** add course**Brief description** This use case allows the faculty to add course**Actors** faculty**Preconditions**

The faculty must be logged in to the system

**Flows of Events:****1. Basic Flows****1.1.0 add Course**

<b>Step</b>	<b>User Actions</b>	<b>System Actions</b>
1	The faculty add new course to the list of courses	The system verify that the course is not already added

**Postconditions**

None

**Business Rules**

No duplicate course should be added.

Use Case Number: 4		
Name	View schedule	
Brief description	This use case shows courses per block	
Actors	Faculty	
Preconditions		
The faculty member must be logged in to the system		
Flows of Events:		
1. Basic Flows		
1.0 view schedule		
Step	User Actions	System Actions
1	The faculty member request to view his/ her schedule	The system displays the list of courses for each block
Postconditions		
none		
Business Rule		
none		