

Jose Flores

Advanced Programming

Graduation-Tracker Use Case (Student) Version 2.0

Use Case: Create a course schedule mock-up using the scheduler tool by semester.

Primary Actor: Website Administrator

Scope: Graduation Tracker

Level: User goal

Brief: The student will navigate to course scheduler after determining how many credits they need to graduate. The student will then select a term they want to add courses to. Once they select a term, a drop down showing only the courses available in that term will appear. On select of each course, a new row will be added to the scheduler with pertinent information about the course selected.

Stakeholders: Students, Faculty, Website Administrators

Postconditions: Student will be able to see a mock-up of the courses they can take the following semester.

Preconditions: Students will navigate through the graduation tracker and determine what courses have been taken to calculate how many credits are needed to graduate.

Triggers: Inaccurate course descriptions or schedule information from university

Basic flow:

1. Choose degree program
2. Select courses
3. Calculate credits
4. Press "Course Schedule"
5. Populate schedule

Extensions: ... (variations on basic flow)

1. MBA or Undergraduate (minor option available)
2. Core courses will be auto populated to show 12 credits needed. User will check the box when they have completed the course which will deduct the credits from that section. The

- remaining sections will have needed and completed checkboxes and dropdown options for choice selection.
3. Each section will have a subtotal of credits needed to graduate. At the end of the first page, the credits needed subtotals will be summed up.
 4. On click of course schedule button, the scheduler will appear and the user can create mock schedules based on available courses by semester/term.
 5. The student will be able to print the current page to save their course schedule.

Use Case Diagram

