

Jose Flores

Advanced Programming

Graduation-Tracker Use Case (Admin) Version 1.0

**Use Case:** Maintain tool and keep information up to date

**Primary Actor:** Website Administrator

**Scope:** Graduation Tracker

**Level:** User goal

**Brief:** The website administrator updates university changes to courses descriptions, requirements and availability

**Stakeholders:** Students, Faculty, Website Administrators

**Postconditions:** Admin reports to developer of course information changes

**Preconditions:** Website administrator checks to see if the information on the tracker is correct and up to date

**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
6. Save inputs from each student in the browser

**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 and courses already completed by student.
5. Those courses will be added to a calendar for the specified semester.

## Use Case Diagram

