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Advanced Programming

Graduation-Tracker Use Case (Faculty) Version 1.0

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

**Primary Actor:** Faculty member

**Scope:** Graduation Tracker

**Level:** User goal

**Brief:** The faculty member logs into the Graduation Tracker, selects courses taken and needed to retrieve a live view of the degree completion

**Stakeholders:** Faculty member, Point Park University, the student

**Postconditions:** Courses are selected and saved within the browser

**Preconditions:** Faculty member has appropriate access level

**Triggers:** Opening of Registration, Student applying for Graduation, Degree Audit request, Reporting, Notify students with outstanding course requirements

**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.
6. Code to save the inputs of a student's information to avoid having to fill in the information each time.

## Use Case Diagram

