

## Use Case: Course Registration

Actors: Student, System

1. The student requests the courses that he/she can choose from the system.
2. The system offers the courses that the student can choose, taking into account the semester he/she is in and the courses he/she has failed.
3. The student sees the courses he/she can choose and makes a choice.
4. The system approves the course chosen by the student and records it in the transcript.
5. The student completes the selection process and exits the registration screen.
6. The system saves the student's transcript to the file.

### **Alternative:** Selection of the Type of the Course

3a. If the student chooses one of the elective courses, the system shows him/her a list of elective courses and the student makes a choice from among the elective courses. Then, the student continues from step 4.

### **Alternative:** Course Registration Errors

4a. If the quota of the course chosen by the student is full, the system will not allow the student to take the course. And the student is prompted to repeat step 3.

4b. If the course chosen by the student is TE and the total credit of the student is less than 155 credits, the system does not allow him/her to choose the course. And the student is prompted to repeat step 3.

4c. If the course chosen by the student is CSE4197 and the total credit of the student is less than 165 credits, the system does not allow him/her to choose the course. And the student is prompted to repeat step 3.

4d. If the student has not passed the prerequisite courses of the course he/she has chosen, the system will not allow him/her to take the course. And the student is prompted to repeat step 3.

4e. If the course chosen by the student conflicts with one of the courses he/she has registered for so far, the system does not allow him/her to take the course. And the student is prompted to repeat step 3.

4f. If the course chosen by the student is TE and the student has already registered for 2 TEs, the system will not allow the student to take the course.