

Student Information System - Course registration update

1. Start Process

- Student initiates the course registration update process.

2. Login and Authentication

- Student Login to ERP System.
- Authenticate Student Credentials.
- Authentication Successful?
 - If not → End Event (Access Denied).
 - If Yes → Proceed to next step.

3. Open Registration Page

- Student Opens Course Registration Update Page.
- Student Selects Action (Add / Drop / Swap / View Courses).

1. Add Course Flow

- Student Select Course and Section.
- Fetch Course Details.
- Check Prerequisites.
 - If Failed → Review.
 - If Passed → Continue.

2. Drop Course Flow

- Student selects a course to drop.
- System processes the drop request.
- Course dropped and student notified.

3. Swap Course Flow

- Student chooses to swap Course A for Course B.
- ERP tries to add Course B first.
- If success → Drops Course A.
- If add fails → Rollback (keep Course A) and notify student.

4. Registrar Batch Operations

- Registrar Uploads Batch File.
- Validate All Records.
- Valid Records Commit to Database.
- Invalid Records Sent for Manual Review.
- Generate Summary Report and Notify Registrar.

5. End of Process

- Registration / Update Completed Successfully.
- Notification Sent as Final Confirmation to Student.

https://drive.google.com/file/d/19xu6A27A0SrE1EC2muHveOgO1-8WitOI/view?usp=drive_link