

Probably classes:

- SU Online
- Course Catalog
- Course
- Student
- Employee
- Registration Deadline

Possibly classes:

- Email
- Prerequisites

Rejected as classes:

- Email
- Waitlist
- Credits
- Name
- SUID
- Undergrad
- Grad
- Space

Advisor		Employee
Desc: Creates an object that represents a member of faculty and allows them the ability to add student manually to courses		
<ul style="list-style-type: none">• Stores FirstName• Stores LastName• Stores SUID• Stores Department• Stores Course(s)• Stores Office• Determines if Teaching• Enrolls Student manually		<ul style="list-style-type: none">• Student• Course• System• Course Catalog

Advisors are assigned to courses, and students are assigned to advisors. Advisor has the ability to use SUOnline (System) functionality to enroll students in courses.

Course Description: Holds data about one course and automatically enrolls waitlisted students if space allows.	
<ul style="list-style-type: none"> • Store course description as a String field • Stores a list of at least one teacher • Stores number of credits in a field • Stores course level in a field • Stores list of students in a field • Stores list of prerequisite courses in a field • Has a capacity • Stores a waitlist • Stores term as String • Has an autoenroll function 	<ul style="list-style-type: none"> • Student • Advisor • Course Catalog • Registration Deadline

Advisor and students are assigned to course, and course is stored in course catalog. Course uses registration deadline to auto-enroll students off the waitlist if possible.

Student Store student info, registered courses, and courses history	
<ul style="list-style-type: none"> • -Store User ID • -Store UserName • -Store Password • -keep track current quarter registered classes • -Keep track classes taken • -Store Student Status 	<ul style="list-style-type: none"> • -course class • -System

Student stores courses that the student is currently enrolled in. Student uses system to enroll in classes, email advisors, and search the catalog.

Course Catalog Description: Holds a list of courses that is searchable by the system	
<ul style="list-style-type: none"> • Stores a list of courses open to register • Stores a list of courses that will be offered in the future 	<ul style="list-style-type: none"> • Course • SU Online

The course catalog holds Course information. The catalog is accessed through functionality provided by SUOnline.

Registration Deadline Description: Generates registration deadline depending on which quarter you are in	
<ul style="list-style-type: none"> • Generates registration deadline for each quarter • Checks if registration is open or closed 	<ul style="list-style-type: none"> • SU Online • Course Catalog

SU Online (System) calls Registration deadline class to check if the registration is open or not. If registration is closed, the system prevents students from adding or dropping classes. Course Catalog is hidden depending on the status of registration deadline class.

SU Online A driver handles validation, search courses, add course, drop course and login	
<ul style="list-style-type: none"> • -search courses from catalog object • -Add new courses to student object • -drop courses from student object • -login student from student object 	<ul style="list-style-type: none"> • -Student class • -Course class

SU Online (System) validates if student is eligible for add/drop classes. It also validates if input password matches with the stored password. SU Online class also handles searching courses.