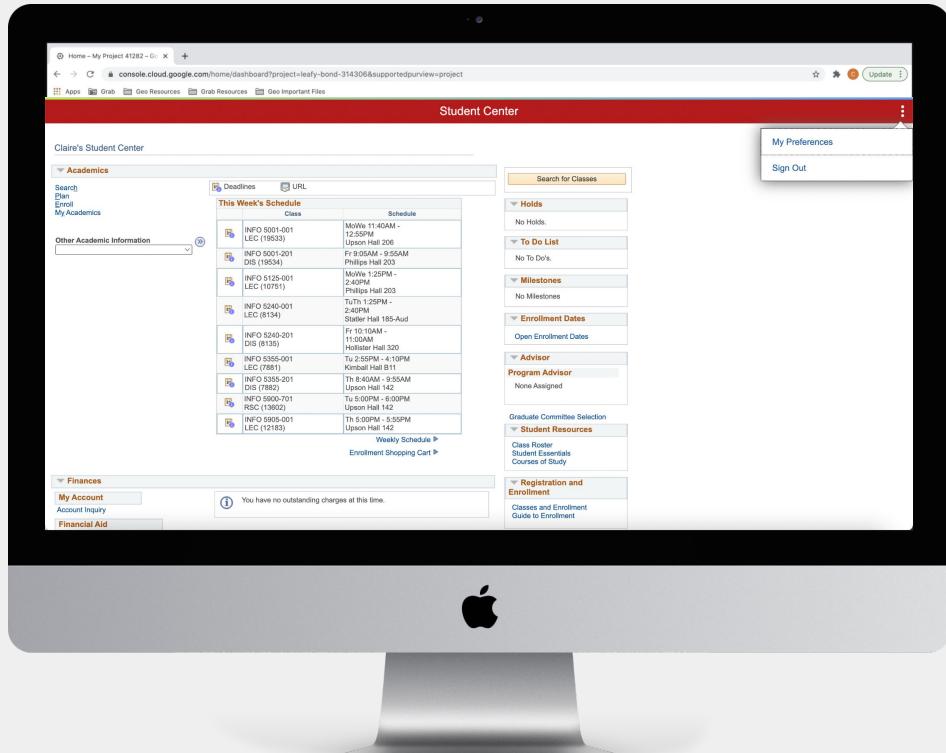


Screen-by-Screen Feature Analysis

Course Registration: Cornell, NUS, CMU



Sep 12, 2023

Claire Xu, Sonia Sunil

Key Feature Analysis Focus

[1] Home	[2] Course Catalog	[3] Schedule	[4] Registration	[5] Student Information
Header Services	Landing Page	Calendar Layout	Enroll	Academic Requirements
Menu	Course Organization	Customization	Drop	Term Information
Main Services	Search/Filter	Course Planning	Waitlist	Student Grades
Page Layout	Course Description
...	Page



Cornell University

Intro & Site Architecture

The screenshot shows the Cornell Class Roster website. At the top left is the Cornell University seal. The main header "Class Roster" is followed by user info "Sonia Sunil sign out". Navigation links include "Browse", "Scheduler", "Syllabi", "Favorites", and "FAQ". A search bar is at the top right.

Fall 2023 Enrollment: Review the [Guide to Fall 2023 Enrollment](#) on the University Registrar website. Course offerings and course details are subject to change.

Class Roster Maintenance: the Class Roster site will be down for a period of time on Monday, September 18th for maintenance. The maintenance window is expected to last approximately two hours.

Scheduler

Schedule 1 • 7 Courses 20.5 Credits Sep 11 - 17, 2023

	Mon	Tue	Wed	Thu	Fri
8am					
9am				INFO E355 DIS 201 Upson Hall 142 8:40 - 9:55	INFO 5001 DIS 201 Phillips Hall 203 9:05 - 9:55
10am		INFO 5556 LEC 001 Phillips Hall 101 10:10 - 11:25		INFO 5556 LEC 001 Phillips Hall 101 10:10 - 11:25	INFO 5556 DIS 201 Upson Hall 216 10:10 - 11:20
11am	INFO 5100 LEC 001 Klarman Hall KG70	INFO 5001 LEC 001 Klarman Hall KG70	INFO 5001 LEC 001 Upson Hall 206 11:40 - 12:55		INFO 5355 Human Computer Interaction
12pm	INFO 5100 LEC 001 Klarman Hall KG70			INFO 5100 LEC 001 Klarman Hall KG70 11:15 - 12:05	INFO 5431 DIS 205 Online Meeting 12:25 - 1:15
1pm					INFO 5431 DIS 205 Online Meeting 12:25 - 1:15

Fall 2023 All changes saved

Add Event Import Courses Add Course

- INFO 5001 Computing for Info Sci**
- INFO 5100 Visual Data Analytics for Web**
- INFO 5355 Human Computer Interaction**
- INFO 5431 Teams and Technology**

3 Credits course details syllabi

Cornell Course Registration System

Class Roster

The class roster is basically a webpage where students can **search for courses** they are interested in by the category and subject code. They can **view the course details**, course semester-based availability, prerequisites, syllabus, lecturers, lecture schedules, etc for decision-making. It also lets students plan their semester schedules around interested courses with a **timetable view**.

The screenshot shows the Cornell Student Center homepage. At the top, there's a red header bar with the title "Student Center". Below it, the main content area has a white background.

- Left Sidebar:** A vertical sidebar on the left contains sections for "Academics" (with links to Search, Plan, Enroll, My Academics), "Other Academic Information" (with a dropdown menu), and "Finances" (with links to My Account, Account Inquiry, and Financial Aid).
- Main Content Area:**
 - Top Bar:** Includes "Deadlines" and "URL" buttons, a search bar labeled "Search for Classes", and user links for "My Preferences" and "Sign Out".
 - This Week's Schedule:** A table showing classes for the week. It includes columns for "Class" and "Schedule". The data is as follows:

Class	Schedule
INFO 5001-001 LEC (19533)	MoWe 11:40AM - 12:55PM Upson Hall 206
INFO 5001-201 DIS (19534)	Fr 9:05AM - 9:55AM Phillips Hall 203
INFO 5125-001 LEC (10751)	MoWe 1:25PM - 2:40PM Phillips Hall 203
INFO 5240-001 LEC (8134)	TuTh 1:25PM - 2:40PM Statler Hall 185-Aud
INFO 5240-201 DIS (8135)	Fr 10:10AM - 11:00AM Hollister Hall 320
INFO 5355-001 LEC (7881)	Tu 2:55PM - 4:10PM Kimball Hall B11
INFO 5355-201 DIS (7882)	Th 8:40AM - 9:55AM Upson Hall 142
INFO 5900-701 RSC (13602)	Tu 5:00PM - 6:00PM Upson Hall 142
INFO 5905-001 LEC (12183)	Th 5:00PM - 5:55PM Upson Hall 142
 - Other Sections:** Includes "Holds" (No Holds), "To Do List" (No To Do's), "Milestones" (No Milestones), "Enrollment Dates" (Open Enrollment Dates), "Advisor" (Program Advisor: None Assigned), "Graduate Committee Selection", "Student Resources" (Class Roster, Student Essentials, Courses of Study), and "Registration and Enrollment" (Classes and Enrollment, Guide to Enrollment).
 - Bottom Status Bar:** Shows a message: "You have no outstanding charges at this time."

Cornell Course Registration System

Student Center

The Student Center is a **more comprehensive tool** where students can search for courses using course number or title, plan their schedule, enroll in courses and check their academic progress.

The Student Center design is not as curated as the Class Roster and has **more features**, but some **feature overlaps with Class Roster**. This often creates confusion for Cornell Students when registering.



Screen-by-Screen Feature Analysis

[1] Home

| Case Included:

Cornell University (Student Center)

Tool column appears unorganized, some terms are not self-explanatory (Holds, Milestones, etc)

The screenshot shows the Cornell University Student Center. At the top is a red header bar with the text "Student Center". Below it is a white sidebar on the left labeled "Claire's Student Center" containing sections for "Academics" (with links to "Search Plan", "Enroll", and "My Academics") and "Finances" (with links to "My Account", "Account Inquiry", and "Financial Aid"). A "Header*" callout points to the "Student Center" text in the header. To the right of the sidebar is a main content area with a "This Week's Schedule" table listing classes and their times and locations. A "Tool column" is located on the right side of the content area, containing sections for "Search for Classes", "Holds" (listing "No Holds"), "To Do List" (listing "No To Do's"), "Milestones" (listing "No Milestones"), "Enrollment Dates" (linking to "Open Enrollment Dates"), "Advisor" (listing "Program Advisor" and "None Assigned"), "Graduate Committee Selection", "Student Resources" (links to "Class Roster", "Student Essentials", and "Courses of Study"), and "Registration and Enrollment" (links to "Classes and Enrollment" and "Guide to Enrollment"). A "Header*" callout also points to the "My Preferences" and "Sign Out" links in the top right corner of the main content area. A red dashed box highlights the "Tool column" area.

Header*

Academics (85%): The first section that takes up most of the screen space is academics. Large portion of this space is given to a table-like current semester's week schedule.

Primary functions such as Search, Plan, Enroll, and My Academics are towards the very left and given very little space.

Academics (15%): The following section is finances.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

Landing Page cont.

The screenshot shows the Cornell University Student Center landing page. At the top, there's a red header bar with the text "Student Center". Below it is a white content area. On the left, there are several dropdown menus and sections:

- Finances** section with "My Account" and "Financial Aid" options.
- Personal Information** section with "Demographic Data", "Emergency Contact", "Emergency Mass Notification", "Names", and "User Preferences".
- A central message box stating "You have no outstanding charges at this time."
- A "Contact Information" box showing "Home" address in Singapore and "CU Assigned Address" as "None". It also lists "Home Phone" and "CU Assigned E-mail" (xx343@cornell.edu).
- A "Student Resources" sidebar with links to "Class Roster", "Student Essentials", "Courses of Study", "Registration and Enrollment" (with "Classes and Enrollment" and "Guide to Enrollment"), and "Finances" (with "University Bursar Office", "View/Pay Bursar Bill", and "View CornellCard Activity").
- A bottom footer with a link to web-accessibility@cornell.edu for users with disabilities.

Tool column appears unorganized, some terms are not self-explanatory (Holds, Milestones, etc)

Header*

Finances & Personal Information: These are the two out of three sections on the landing page that follow academics.

Most space is given for outstanding charge reminders & Contact information.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

Landing Page_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Homepage includes relevant information at a glance for students	(+) Organization of Academics, Finances and Student Info makes it easy to find relevant information	(-) <u>Lots of links presented across the dashboard with little navigation and constraints</u>	(-) <u>Back button goes back to previous page instead of the home page, can be confusing</u>	(+) <u>Color and font are consistent across the page</u>
(+) Use of sub column for pending tasks or notices is effective			(-) <u>Any error made needs to return to the homepage again</u>	(-) <u>Links and buttons are not all standardized to make it visually clear</u>
(+) Attempt at presenting information hierarchy through color and type	(+) Top to bottom scroll makes it intuitive for users to access information			(-) <u>Spacing between lines and sections are not all standardized/uniform</u>
<u>(-) Important buttons are not visually highlighted</u>				
<u>(-) Lots of space underutilized across the website</u>				



Screen-by-Screen Feature Analysis

[2] Course Catalog

| Case Included:

Cornell University (Class Roster, Student Center)

Browse



Two new ways to find courses that match your interests: Try CourseCrafter and Pathways.

Fall 2023 Enrollment: Review the [Guide to Fall 2023 Enrollment](#) on the University Registrar website. Course offerings and course details are subject to change.

Class Roster Maintenance: the Class Roster site will be down for a period of time on Monday, September 18th for maintenance. The maintenance window is expected to last approximately two hours.

Browse

Subjects 189 **Academic Groups** 15

AAP	Architecture, Art, and Planning
AAS	Asian American Studies
AEM	Applied Economics & Management
AEP	Applied & Engineering Physics
AIIS	American Indian and Indigenous Studies
AIRS	Aerospace Studies
ALS	Agriculture & Life Sciences
AMST	American Studies
ANSC	Animal Science
ANTHR	Anthropology
ARAB	Arabic
ARCH	Architecture
ARKEO	Archaeology
ART	Art
ARTH	History of Art
AS	Arts & Sciences
ASIAN	Asian Studies
JPLIT	Japanese Literature
JUARA	Judeo Arabic
JWST	Jewish Studies
KHMER	Khmer
KOREA	Korean
LA	Landscape Architecture
LATA	Latin American Studies
LATIN	Latin
LAW	Law
LEAD	Leadership
LEGAL	Legal Studies
LGBT	Lesbian, Gay, Bisexual & Transgender Studies
LING	Linguistics
LSP	Latino Studies Program
MAE	Mechanical & Aerospace Engineering
MATH	Mathematics
MEDVIL	Medieval Studies

Fall 2023

Search

keyword, catalog nbr go

Include course description
 Show open sections only
 Show classes with syllabi only

Subjects
Academic Career
Academic Group
Class Level
Credits
Day of the Week
Time Offered
Campus
Location
Course Attributes
Breadth/Distribution
Session

- **Browse button** → navigate to search for courses

- **Semester dropdown** → filter select semester course search

- **Search field** → manually enter course name/code

- **Category dropdown** → more options to filter courses by. E.g. Class level, Campus, Subjects, etc.

- **Subject list view** → overview of subject codes available & easy navigation to subject category

Browse_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Browser button being the <u>first element</u> and the <u>navigation</u> buttons being <u>at the top</u> , makes it clear and visible	(+) <u>Navigation at the top</u> and <u>Filter</u> buttons/section <u>to the right side</u> of the page makes it clear to user where to find things	(+) The <u>multiple filter options</u> allow the user to <u>narrow down the list</u> of subjects displayed and this allows the user to only view the ones that meet their criteria	(-) Filters that user applies <u>cannot be retained/saved</u> . So the user has to re-apply them every time they log-in or navigate out	(+) Icons are <u>standardised</u> , chevron to expand, cross to close, etc
(+) <u>Clear labels/headers</u> to indicate purpose of each button	(+) <u>Tab switch</u> to view Subjects and Academic groups <u>intuitive</u> with button type used			(+) Colors for the "availability" and "unavailability" of courses
(+) <u>Chevron button</u> <u>intuitive</u> that section/button is used to expand on content.	(+) <u>Alphabetical ordering</u> of subject codes, makes it understandable to scroll to find subject.			(+) <u>Colors</u> used to show errors and other notifications are <u>consistent throughout</u>
(-) <u>Too many wordings</u> making the view clustered with information				
(-) <u>Font size</u> for details are <u>too small</u>				
(-) <u>Minimal color distinctions</u>				

Browse_Course Details

Two new ways to find courses that match your interests: Try [CourseCrafter](#) and [Pathways](#).

Fall 2023 Enrollment: Review the [Guide to Fall 2023 Enrollment](#) on the University Registrar website. Course offerings and course details are subject to change.

Class Roster Maintenance: the Class Roster site will be down for a period of time on Monday, September 18th for maintenance. The maintenance window is expected to last approximately two hours.

Latin (LATIN)

› [Arts and Sciences](#)

Showing 18 results.

Course descriptions provided by the [Courses of Study 2023-2024](#).

LATIN 1201	Elementary Latin I	
Introductory course designed to prepare students to start reading Latin prose at the end of a year. The class moves swiftly and includes extensive memorization of vocabulary and paradigms; study of Latin ... view course details		
Enrollment Information Syllabi: none Regular Academic Session. Combined with: LATIN 5211		
3736	SEM 101	MTRF 10:10am - 11:00am Aug 21 - Dec 4, 2023 Della Rocca, E
Instruction Mode: In Person Please contact instructor if this course is full and you would like to enroll.		
Enrollment Information Syllabi: none Regular Academic Session. Combined with: LATIN 5211		
3737	SEM 102	MTRF 12:20pm - 1:10pm Aug 21 - Dec 4, 2023 Colby, E
Instruction Mode: In Person		

Fall 2023 ▾

Search

keyword, catalog nbr

- Include course description
- Show open sections only
- Show classes with syllabi only

Subjects ▾

Select one or more subjects

Latin (LATIN)

Academic Career

Academic Group

Class Level

Credits

Day of the Week

Time Offered

Campus

Location

Course Attributes

Breadth/Distribution

Session

- **Filter/selection chips** → view the selected/applied filter, easily remove filter
- **Brief detail** → give small gist of course, able to click on to “view course details”
- **Credit + Graded indicator**
- **Closed/Open indicator** → shows whether class is still available to add
- **Details on time, location, Professor** → quick glance of details on class feasibility for user’s current schedule

Browse_Course Details_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
<p>(-) "Combined with..." is <u>not intuitive</u> to user that it is referring to <u>similar</u> courses.</p> <p>(+) selection chips allows user to <u>know the filter added</u> to the search.</p> <p>(-) <u>closed/open course indicator not obvious</u> to user on first glance as there is no label to indicate its purpose</p> <p>(+) <u>Not too many details</u> on each course in the list, user has to click "view course details" to know more, making the view <u>less clustered</u>.</p>	<p>(+) <u>Indicator of number of search results</u> shows user has to scroll down to view more</p> <p>(-) <u>Too much space</u> taken by the details of a single course and its <u>un-collapsed state</u> makes it <u>tough for user to move/scroll to next</u> course easily and find preferred course</p>	<p>(+) Only shows courses that the user filtered on</p> <p>(+) user allowed the <u>option to only view more details on a course on clicking "view course details"</u></p>	<p>(+) <u>selection chip</u> allows user to <u>remove a filter applied</u> easily</p>	<p>(+) All "clickable" links are <u>colored</u> in red which makes it <u>consistent</u></p>



Screen-by-Screen Feature Analysis

[3] Scheduler

| Case Included:

Cornell University (Class Roster, Student Center)

Scheduler



Fall 2023 Enrollment: Review the [Guide to Fall 2023 Enrollment](#) on the University Registrar website. Course offerings and course details are subject to change.

Class Roster Maintenance: the Class Roster site will be down for a period of time on Monday, September 18th for maintenance. The maintenance window is expected to last approximately two hours.

Scheduler

Schedule 1

7 Courses 20.5 Credits

Sep 11 - 17, 2023

Mon	Tue	Wed	Thu	Fri
8am				
9am				
10am	INFO 5556 LEC 001 Phillips Hall 101 10:10 - 11:25	INFO 5100 LEC 001 Klarman Hall KG70	INFO 5556 LEC 001 Phillips Hall 101 10:10 - 11:25	INFO 5001 DIS 201 Upson Hall 203 9:05 - 9:55
11am	INFO 5000 LEC 001 Klarman Hall KG70	INFO 5001 LEC 001 Upson Hall 206 11:40 - 12:55	INFO 5556 LEC 001 Phillips Hall 101 10:10 - 11:25	INFO 5100 LEC 001 Klarman Hall KG70 11:15 - 12:05
12pm				INFO 5431 DIS 205 Online Meeting 12:25 - 1:15
1pm				

Fall 2023

All changes saved

- Build
- Review
- Share
- Settings

Add Event Import Courses

Add Course

INFO 5001 Computing for Info Sci

3 Credits

LEC 001 MWF 11:15AM

course details syllabi

INFO 5100 Visual Data Analytics for Web

3 Credits

LEC 001 MWF 11:15AM

course details syllabi

INFO 5355 Human Computer Interaction

3 Credits

DIS 201 F 10:10AM

DIS 202 F 10:10AM

DIS 203 F 11:20AM

DIS 204 F 11:20AM

DIS 205 F 12:25PM

DIS 206 E 12:25PM

DIS 207 F 1:30PM

- **Scheduler button** → navigate to preview personal timetable

- **Semester dropdown** → to select, view & plan timetables for different semesters

- **Functionality buttons** → buttons to share, export, review, import, etc of the timetable

- **Course search field** → to enter course to add to timetable

- **Multiple timetable navigation** → allows to user to design different combinations of courses

- **Main timetable** → allows to view clashes, breaks in-between courses, etc

- **Added courses** → with details on the credits, days conducted, session timings, closed/open indicator

Scheduler_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
<p>(+) Timetable <u>takes up most of the space</u>, which makes it easier to view, serving its purpose to the user</p> <p>(+) <u>Different colors used to distinguish</u> different courses</p> <p>(+) <u>Shows overview of total credits and courses</u></p> <p>(-) <u>Difficult to view the duration gap</u> between courses due to limited time intervals in timetable. User has to click to view exact course start and end time</p> <p>(+) <u>Clashing</u> courses are made <u>obvious</u> by the “squeezed” state of course blocks</p>	<p>(-) Not intuitive to user <u>to click</u> the course detail <u>to expand</u> on details, and to click again <u>to collapse</u></p> <p>(+) Checkbox next to course detail <u>allows to “hide” a course</u> from the timetable view</p> <p>(+) List of <u>added courses visible</u> right below the “Add course” search bar</p>	<p>(+) <u>Option to create multiple</u> timetables allows user to schedule different combinations</p> <p>(+) Allows user to <u>only move</u> the course <u>to a timing</u> on the timetable where the course is <u>offered</u>.</p>	<p>(+) User <u>can remove the added course</u> easily from the list of added courses</p>	<p>(+) <u>Icons</u> for the review, share and settings are <u>consistent</u> with common icons.</p> <p>(+) <u>Details and their format</u> are <u>consistent</u> for each course</p>

My Class Schedule

[View My Weekly Schedule](#)

Claire Xu [Go To](#)

[Search](#) [Plan](#) [Enroll](#) [My Academics](#)

[My Class Schedule](#) | [Add](#) | [Drop](#) | [Swap](#) | [Edit](#) | [Term Information](#)

[My Class Schedule](#)

Select Display Option List View Weekly Calendar View

[<< Previous Week](#) [Week of 8/21/2023 - 8/27/2023](#) [Next Week >>](#)

Show Week of 08/21/2023								Start Time 8:00AM	End Time 6:00PM	Refresh Calendar	
Schedule	Time	Monday Aug 21	Tuesday Aug 22	Wednesday Aug 23	Thursday Aug 24	Friday Aug 25	Saturday Aug 26	Sunday Aug 27			
8:00AM											
9:00AM											
10:00AM											
11:00AM											
		INFO 5355 - 201 Discussion 8:40AM - 9:55AM Upson Hall 142			INFO 5001 - 201 Discussion 9:05AM - 9:55AM Phillips Hall 203						
					INFO 5240 - 201 Discussion 10:10AM - 11:00AM Hollister Hall 320						
		INFO 5001 - 001 Lecture			INFO 5001 - 001 Lecture						

*Header only includes name of website (Student Center), and a short menu for “My Preferences” and Sign out. Current header appears to be inefficiently used.

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

My Class Schedule: Students can view classes this semester as list or calendar format.

Calendar is shown by week, start and end time of day is customizable.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

My Class Schedule cont.

[View My Weekly Schedule](#)

	INFO 5001 - 001 Lecture 11:40AM - 12:55PM Upson Hall 206	INFO 5001 - 001 Lecture 11:40AM - 12:55PM Upson Hall 206		
12:00PM				
1:00PM	INFO 5125 - 001 Lecture 1:25PM - 2:40PM Phillips Hall 203	INFO 5240 - 001 Lecture 1:25PM - 2:40PM Statler Hall 185	INFO 5125 - 001 Lecture 1:25PM - 2:40PM Phillips Hall 203	INFO 5240 - 001 Lecture 1:25PM - 2:40PM Statler Hall 185
2:00PM				
3:00PM		INFO 5355 - 001 Lecture 2:55PM - 4:10PM Kimball Hall B11		
4:00PM				
5:00PM	INFO 5900 - 701 Research 5:00PM - 6:00PM Upson Hall 142	INFO 5905 - 001 Lecture 5:00PM - 5:55PM Upson Hall 142		
6:00PM				

Display Options

Show AM/PM Monday Thursday
 Show Class Title Tuesday Friday Sunday
 Show Instructors Wednesday Saturday

[Refresh Calendar](#)

Header*

My Class Schedule:
classes display can be modified to show different information, such as time, title/course number and more.

Calendar needs to be refreshed after changing display options.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out.
Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

Printer Fi

My Class Schedule_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Customizable schedule to hide/show certain class information	(+) Use of a calendar helps users to understand class times easier	(+) <u>Students can only choose to hide or show certain inputs for customizing the calendar</u>	(+) <u>Show/hide features can be undone with minimum clicks or changes</u> (-) <u>Calendar doesn't automatically refresh based on inputs, user need to manually click refresh</u>	(+) <u>Color and font are consistent across the page</u> (+) <u>Schedule components are consistent (use of green to highlight classes)</u> (-) <u>Fonts inside classes are not presented with visual hierarchy, difficult to see at a glance</u>
(+) Both list/Calendar view available, to accommodate for different user preferences	(+) Division of calendar by hours and 15 minute intervals with the table helps to visually interpret the class times	(+) <u>Input/output distinction is clear: students can modify only top/bottom and see the changes reflect in the middle section (calendar).</u>		
(+) Presents only relevant time/day when classes are held	(-) <u>Inputs are placed at the bottom and top of the calendar, which makes it confusing to scroll up and down to make customizations</u>			
(+) Classes shown week by week for better visibility				
(-) Classes are not distinguished by color, hard to see which classes are which				
(-) Schedule is not visible as a whole on the page, need scrolling				



Screen-by-Screen Feature Analysis

[4] Registration

| Case Included:

Cornell University (Student Center)

Searching for Classes

This is a quick navigation drop-down that includes: Account Inquiry, My Academics, Student Center, Used Preferences

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

Searching for Classes:

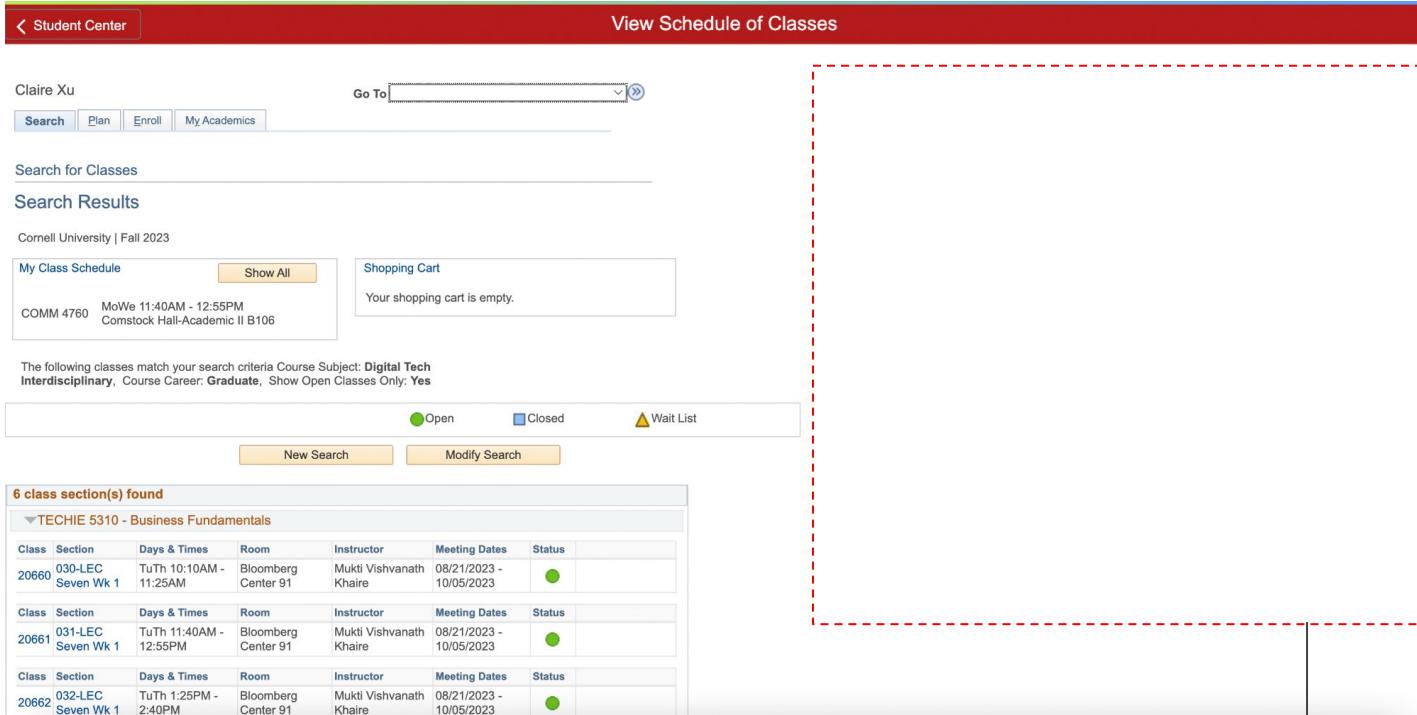
Search input for Classes include: Institution, Term, Subject, Course Number, and Course Career.

Additional Search Criteria are automatically hidden in a drop down menu.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

Searching for Classes cont.



Header*

Claire Xu

Go To

Search Plan Enroll My Academics

Search for Classes

Search Results

Cornell University | Fall 2023

My Class Schedule Show All

COMM 4760	MoWe 11:40AM - 12:55PM Comstock Hall-Academic II B106
-----------	--

Shopping Cart

Your shopping cart is empty.

The following classes match your search criteria Course Subject: Digital Tech Interdisciplinary, Course Career: Graduate, Show Open Classes Only: Yes

Open Closed Wait List

New Search Modify Search

6 class section(s) found

TECHIE 5310 - Business Fundamentals

Class	Section	Days & Times	Room	Instructor	Meeting Dates	Status
20660	030-LEC Seven Wk 1	TuTh 10:10AM - 11:25AM	Bloomberg Center 91	Mukti Vishvanath Khaire	08/21/2023 - 10/05/2023	
20661	031-LEC Seven Wk 1	TuTh 11:40AM - 12:55PM	Bloomberg Center 91	Mukti Vishvanath Khaire	08/21/2023 - 10/05/2023	
20662	032-LEC Seven Wk 1	TuTh 1:25PM - 2:40PM	Bloomberg Center 91	Mukti Vishvanath Khaire	08/21/2023 - 10/05/2023	

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

Student Information: This section includes student's class schedule, their shopping cart, and how results matched their inputs.

Search Results: Search input for Classes include: Institution, Term, Subject, Course Number, and Course Career.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

My Planner

The screenshot shows the Cornell University My Planner interface. At the top, there's a red header bar with a back button labeled 'Criteria Entry', the title 'My Planner' in white, and a three-dot menu icon. Below the header, the user is identified as 'Claire Xu'. A search bar contains 'Go To...' and a magnifying glass icon. Navigation links include 'Search', 'Plan', 'Enroll', and 'My Academics'. The main content area is titled 'My Planner' and includes links for 'My Planner', 'Shopping Cart', and 'Course History'. A sub-header 'My Planner' is also present. Below this, there are buttons for 'Add courses to Planner using' (with 'Browse Course Catalog' and 'Plan by My Requirements' options), 'Delete all courses in Planner', and 'Delete All'. A section titled 'Fall 2023' displays a table of courses with columns for Select, Course, Description, Units, and Delete. Courses listed include DEA 6510, INFO 5100, INFO 5125, INFO 5355, INFO 5905, INFO 6940, and NBA 5640. At the bottom of this section are buttons for 'Move selected courses to Term' and 'Move'. A 'Go to top' link is at the very bottom.

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

Current Semester Course List:

This section includes planned courses for the current term, as well as buttons for browsing more courses, plan by requirements, and delete courses in planner.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

Course Detail

The screenshot shows the Cornell University Student Center's My Planner interface. At the top, there is a red header bar with the title "My Planner". Below the header, the user's name "Claire Xu" is displayed, along with a "Go To" search bar and navigation links for "Search", "Plan", "Enroll", and "My Academics". A menu icon with three dots is also present.

The main content area displays course details for "DEA 6510 - Human Factors and Inclusive Design". The course information includes:

- Course Detail:** Career: Graduate, Units: 3.00, Grading Basis: Student Option.
- Course Components:** Lecture, Required.
- Campus:** Ithaca.
- Academic Group:** Human Ecology.
- Academic Organization:** Design & Environmental Analy.

A yellow "View Class Sections" button is located next to the course details. Below the course information, there is a link "Return to My Planner" and a "Go to top" button.

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

Course Detail: Clicking on a specific course shows its information including level, units, grading basis, campus, academic groups and more.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

Shopping Cart

[My Planner](#)

Enrollment Shopping Cart

Claire Xu Go To: [\[\]](#)

[Search](#) [Plan](#) [Enroll](#) [My Academics](#)

[My Planner](#) | [Shopping Cart](#) | [Course History](#)

Shopping Cart

Add Classes to Shopping Cart

Use the Shopping Cart to temporarily save classes until it is time to enroll for this term.

Fall 2023 | Graduate | Cornell University

Open	Closed	Wait List
Add to Cart		
Enter Class Nbr		
Enter		
Fall 2023 Shopping Cart		
Your enrollment shopping cart is empty.		

Find Classes

[Class Search](#)

[My Requirements](#)

[My Planner](#)

[Search](#)

My Fall 2023 Class Schedule

	✓Enrolled	✗Dropped	⚠Wait Listed			
Class	Description	Days/Times	Room	Instructor	Units	Status
COMM 4760-001 (17723)	Pop Health Comm (Lecture)	MoWe 11:40AM - 12:55PM	Comstock Hall-Academic II B106	J. Uddin	3.00	[]
HADM 5890-001 (9705)	Law of Internet & E-Commerce (Lecture)	TuTh 2:55PM - 4:10PM	Statler Hall 196	A. Klausner	3.00	[]

javascript:submitAction_winc0(document.win0.DERIVED_REGFRM1.GROUP6);

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

Add Class to Cart:

Students can add courses through course number search, my requirements, and my planner.

Current Schedule: This list shows current enrolled / dropped / waitlisted classes.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

Drop Courses

This shows that there are three steps to dropping a class.

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

Drop Classes: Students can select their currently enrolled classes to drop.

Each row shows course number, course name, time, room, instructor and units.

Status of course is shown via icons.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

Select	Class	Description	Days/Times	Room	Instructor	Units	Status
<input type="checkbox"/>	INFO 5001-201 (19534)	Computing for Info Sci (Discussion)	Fr 9:05AM - 9:55AM	Phillips Hall 203	B. Soltoff		✓
	INFO 5001-001 (19533)	Computing for Info Sci (Lecture)	MoWe 11:40AM - 12:55PM	Upson Hall 206	B. Soltoff	4.00	✓
<input type="checkbox"/>	INFO 5125-001 (10751)	Project Management (Lecture)	MoWe 1:25PM - 2:40PM	Phillips Hall 203	S. Cleare	3.00	✓
<input type="checkbox"/>	INFO 5240-201 (8135)	Designing Tech Social Impact (Discussion)	Fr 10:10AM - 11:00AM	Hollister Hall 320	C. Csikszentmihalyi		✓
	INFO 5240-001 (8134)	Designing Tech Social Impact (Lecture)	TuTh 1:25PM - 2:40PM	Statler Hall 185-Aud	C. Csikszentmihalyi	3.00	✓
<input type="checkbox"/>	INFO 5355-201 (7882)	Human Computer Interaction (Discussion)	Th 8:40AM - 9:55AM	Upson Hall 142	G. Lesched		✓
	INFO 5355-001 (7881)	Human Computer Interaction (Lecture)	Tu 2:55PM - 4:10PM	Kimball Hall B11	G. Lesched	3.00	✓

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Swap Courses

This shows that there are three steps to swapping a class.

The screenshot shows a user interface for swapping classes. At the top, there's a red header bar with a 'Select' button on the left and a three-dot menu on the right. Below the header, the main title is 'Enrollment: Swap Classes'. On the left, a sidebar for 'Claire Xu' includes a 'Go To' dropdown, a search bar, and navigation links for 'Search', 'Plan', 'Enroll', 'My Academics', 'My Class Schedule', 'Add', 'Drop', 'Swap', 'Edit', and 'Term Information'. A 'Swap a Class' button is also present. The main content area is divided into three vertical sections by dashed red lines. Step 1: 'Select a class to swap' with the sub-instruction 'Select the class you wish to swap then select the class you wish to replace it with.' Step 2: 'Swap This Class' form containing fields for selecting a class from the schedule (INFO 5355: Human Computer Interaction), searching for a class (with options for 'My Planner' which is checked, 'My Requirements', and 'Enter Class Nbr'), and an 'Enter' button. Step 3: 'My Fall 2023 Class Schedule' section, which is mostly empty white space.

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

Swap Classes: Students can select one of their current classes to swap.

New classes can be searched using class search (via number), my planner, and my requirements.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

Edit Courses

This shows that there are three steps to editing a class.

The screenshot shows the 'Enrollment: Edit a Class' page. At the top left is a 'Select Class to Edit' button. The main title is 'Enrollment: Edit a Class'. On the right is a 'Header*' section with descriptive text. A vertical line and a red dashed box are overlaid on the page to highlight specific areas.

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

1. Select a class to edit

Select the class to modify and select Proceed to Step 2 of 3 to change your class preferences.

Fall 2023 | Graduate | Cornell University

Classes you are allowed to edit

Select from your schedule: INFO 5355: Human Computer Interaction

Proceed to Step 2 of 3

My Fall 2023 Class Schedule

Go to top

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

Registration_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Search criteria has a simple layout with inputs and corresponding guidance.	(+) Navigation bar at the top helps to move between different actions	(+) <u>Pages are structured that students can only perform corresponding actions in them (only add courses in add page)</u>	(+) <u>Attempt at presenting an error message when registration for a specific course fails.</u>	(+) <u>Consistent font, color and table used for showing classes</u>
(+) Search results table includes relevant information of shown courses, helpful for students to make decisions	(+) Navigation bar is organized with a natural flow (e.g. add → drop → swap)		(-) <u>Students need to manually backtrace their steps when there's an error in registration.</u>	(-) <u>Fonts inside classes are not presented with visual hierarchy, difficult to see at a glance</u>
(+) Progress bar for drop/swap/edit helps to inform steps in the process	(-) <u>Use of certain words are confusing, such as "shopping cart"</u>			
(-) Poor UI makes visibility challenging due to uneven spacing and organization of contents	(-) <u>Features appear to be redundant, such as my planner and shopping cart. Requires extra steps to complete registration.</u>		(-) <u>Error messages presented (such as waitlist full, change to another class or contact staff) doesn't provide recovery steps.</u>	
(-) Top half of search results is difficult to interpret due to layout visibility.				
(-) Underutilized white space across the pages				



Screen-by-Screen Feature Analysis

[5] Student Information

| Case Included:

Cornell University (Student Center)

Enrollment Dates

[Term Links](#)

Enrollment: Appointments

Claire Xu [Go To](#) [...](#)

[Search](#) [Plan](#) [Enroll](#) [My Academics](#)

[My Class Schedule](#) | [Add](#) | [Drop](#) | [Swap](#) | [Edit](#) | [Term Information](#)

Enrollment Dates

To view appointments and enrollment dates for another term, select the term and select Change.

Fall 2023 | Graduate | Cornell University

Open Enrollment Dates by Session		
Session	Begins On	Last Date to Enroll
Project Session Full	August 21, 2023	September 22, 2023
Seven Week - Second	August 21, 2023	October 18, 2023

Term Enrollment Limits			
Max Total Units	Max No GPA Units	Max Audit Units	Max Wait List Units
22.00	22.00	22.00	12.00

[Shopping Cart](#) [Add Classes](#)

[Go to top](#)

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

Enrollment Dates: This section shows the open enrollment dates of the current semester, as well as unit limits for students.

Button shortcuts to shopping cart and add classes are included.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

View My Grades

Claire Xu

Go To

[Search](#) [Plan](#) [Enroll](#) [My Academics](#)

[My Class Schedule](#) | [Add](#) | [Drop](#) | [Swap](#) | [Edit](#) | [Term Information](#)

[View My Grades](#)

Fall 2023 | Cornell University

Class Grades - Fall 2023

Class	Description	Units	Grading	Grade	Grade Points
INFO 5001	Computing for Info Sci	4.00	Graded		
INFO 5125	Project Management	3.00	Graded		
INFO 5240	Designing Tech Social Impact	3.00	Graded		
INFO 5355	Human Computer Interaction	3.00	Graded		
INFO 5900	MPS Project	3.00	Graded		
INFO 5905	Professional Career Develop	0.50	Satisfactory - Unsatisfactory Exclusively		

Term Statistics - Fall 2023

Description	From Enrollment	Cumulative Total
Units Toward GPA:		
Taken		
Passed		
In Progress	16.000	16.000
Units Not for GPA:		
Taken		

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

Grades: Students can check their final course grades for their classes of the current semester.

Term Statistics: This is a chart that calculates the student GPA of the current semester.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.

My Academics

This chart shows the program breakdown for students. This is not clickable despite looking like a link.

Header*

Subheader: This is the primary navigation section that remains consistent throughout the functions.

My Academics: Students can check their academic requirements, advisors, transfer information, course history, and request transcripts.

*Header only includes name of website (Student Center), and a short menu for "My Preferences" and Sign out. Current header appears to be inefficiently used.

Lots of empty white space underutilized, instead users have to scroll to see all the content.



National University of Singapore (NUS)

Intro & Site Architecture

[Academics](#)

Undergraduate
2023/2024 Semester 1

[About CourseReg@EduRec](#)

View My Classes@CourseReg

Please note that there will be no classes on public holidays.
The course instructor(s) will advise on make up classes, if any.

▼ CDE2501 Liveable Cities

Class	Class Type	Session	Units	Status
L - L01 - 13013	Lecture	Regular	4.00	Enrolled
T - TUA2 - 13033	Tutorial	Regular		Enrolled

▼ CS1231 Discrete Structures

Class	Class Type	Session	Units	Status
S - S1 - 8864	Sectional Teaching	Regular	4.00	Enrolled
T - T04 - 8870	Tutorial	Regular		Enrolled

▼ CS2040C Data Structures and Algorithms

NUS Course Registration System

CourseReg

CourseReg is where students login to **register for courses** they are interested. They can **search, select, view capacity & limits (real-time), add/swapping classes, drop classes and submit appeals**.

NUSMODS

Search modules & venues. Try "GER" or "LT". AY2023/24, Semester 1, Week 6

Today Timetable Courses Venues Settings Contribute Whispers

Semester 1

MON	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700
									CS1010 SEC [2] E-Learning	
TUE					GE1101E TUT [D01] AS2-0203 Weeks 3, 5, 7, 9, 11, 13	GE1101E TUT [D02] AS2-0203 Weeks 3, 5, 7, 9, 11, 13	GE1101E TUT [D03] AS2-0203 Weeks 3, 5, 7, 9, 11, 13			
WED							CS1010 TUT [08A] COMASR33 Weeks 3-13			
THU			CS1010 LAB [B04] COM1-B111 Weeks 3-13		GE1101E LEC [1] LT9					
FRI	GE1101E TUT [D04] AS2-0203 Weeks 3, 5, 7, 9, 11, 13		GE1101E TUT [D05] AS2-0203 Weeks 3, 5, 7, 9, 11, 13							

Vertical Mode Show Titles Exam Calendar Download Share/Sync

Add course to timetable

GE1101E Geographical Journeys: Exploring World Environments No Exam • 4 Units

CS1010 Programming Methodology Exam: 01-Dec-2023 9:00 AM • 4 Units

Total Units: 8 Units Order Exam Date

NUS Course Registration System

NUSMods

NUSMods is a page where students can **search for courses** they are interested in by the category and subject code. They can **view the course details**, course semester-based availability, workload information, prerequisites, lecturers, lecture schedules, and reviews on the courses etc for decision-making. It also lets students plan their semester schedules around interested courses with a **timetable view**.



Screen-by-Screen Feature Analysis

[3] Scheduler

| Case Included:

National University of Singapore (NUS) (NUSMods)

- **Search bar** → to search for courses. Suggestion subtitle included to give example

NUSMODS

Today

Timetable

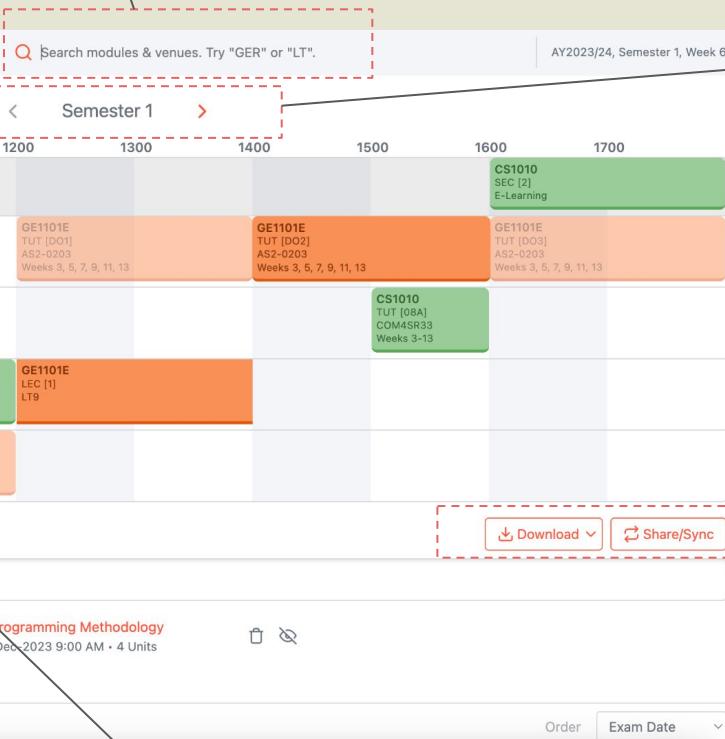
Courses

Venues

Settings

Contribute

Whispers



- **Semester navigation** → to view and plan timetable for different semesters

- **Download/Share/Sync** → to keep offline version, share with others, etc

- **Side navigation bar** → allows user to understand the overview of pages

- **View modes** → different ways to view timetable

Scheduler

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
<p>(+) Side navigation buttons <u>with interpretable icons</u></p> <p>(+) <u>Search bar at the top</u> of the page to search. <u>Add course bar right below timetable</u> to add course immediately without reading course details</p> <p>(-) Details provided on <u>only course code and name, with exam information.</u></p> <p>(+) <u>Total added credits shown</u> at bottom of the timetable</p>	<p>(+) <u>Highlighted and unhighlighted chevron</u> for semester selection button, makes it <u>intuitive to press to navigate</u></p> <p>(+) <u>Search bar with subtitle text</u> to guide user on how to perform search</p> <p>(+) <u>Download/Sync/Share button with text to guide</u> on the purpose of click</p>	<p>(+) <u>Different view modes</u> for timetable (vertical and horizontal) provides user choice to match their preference</p> <p>(+) <u>Only able to move course tile to a position time on the timetable when course is offered</u></p> <p>(-) <u>Restriction to plan semester for only 1 academic year</u> and not more</p>	<p>(+) <u>Remove button</u> to remove course from timetable view</p>	<p>(+) <u>Icons used are consistent</u> with common icons.</p> <p>(+) <u>Details and their format are consistent</u> for each course</p>

Scheduler

NUSMODS

Today

Timetable

Courses

Venues

Settings

Contribute

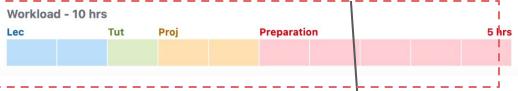
Whispers

GE1101E**Geographical Journeys: Exploring World Environments**Geography - Arts and Social Science - 4 Units
Semester 1 • Semester 2

This course introduces contemporary issues shaping our world and the geographical perspectives needed to understand them. Starting with 'how geographers view the world', the course offers a lens to analyse issues like climate change, urban flooding, human-environment relations, challenges of migration, cultural diffusion, economic integration and so forth. Each lecture will touch on contemporary scenarios and geographical analyses of issues. Students will also be exposed to field work techniques and strategies of project management in group discussions and project assignments. The goal is to develop students with strong 'geographical imaginations' better able to understand the world and all its complexities.

Prelusion
If undertaking an Undergraduate Degree THEN must not have completed 1 of GEK1001/GEM1001K at a grade of at least D

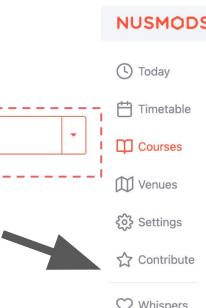
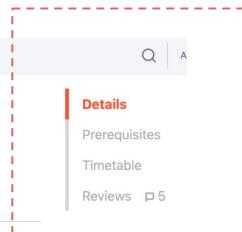
Additional Information
✓ Has S/J option for Undergraduate students only



- **Add/Remove button** → quick add to/remove from timetable button

- **Details** → full detail on course, semesters offered, credits, preclusions, etc

- **Workload details** → for more informed choice on course selection



- **Scroll navigation** → click to move, or upon scrolling, user knows which section of page they are on

- **Prerequisite map** → view on the requirements to fulfil to take the course



This new version of the prerequisite tree is being tested and may not be accurate. Viewers are encouraged to double check details with the prerequisite text above. To report bugs with the new tree, please post a bug report on GitHub (preferred) at [our repository](#) or send an email to bugs@nusmods.com.

Semester 1	Semester 2
MON	
TUE	TUT [D01] AS2-0203 Weekly 3, 5, 7, 9, 11, 13 TUT [D02] AS2-0203 Weekly 3, 5, 7, 9, 11, 13 TUT [D03] AS2-0203 Weekly 3, 5, 7, 9, 11, 13

Scheduler

The screenshot shows the NUSMODS platform's 'Review and Discussion' section for a course. On the left, a sidebar lists navigation links: Today, Timetable, Courses, Venues, Settings, Contribute, and Whispers. The main area displays a comment from user 'anon9974' posted 3 months ago. The comment details the user's experience with the course, mentioning TC Chang, Gretchen Coffman as the lecturer, and comparing the first half (human geography) to the second half (physical geography). Below the comment, there are filter options: Best, Newest, and Oldest. To the right, a yellow box contains a 'Hi There!' message encouraging users to contribute reviews, followed by a 'Please note:' section with three points about review filtering and verification.

- **Filter → Sort feature**

- **Reviews/comments** → to get/add reviews on a particular course

Scheduler

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Detailed information on course, with information on preclusions, semesters offered, etc	(+) Sticky page scroller lets user know which section of the page they are on and navigate to a different section easily.	(-) No option to remove an added review	(+) Remove button to remove course from timetable	(+) Icons used are consistent with common icons.
(+) Flow map to show requirements to take a following course	(+) Buttons with text to help guide on where to go/which action to perform.			(+) Colors are uniform for all course details pages
(+) Side sticky current page scroll navigation button with header on each section on page	(+) Page scroll navigation button being vertical, indicates to scroll vertically			(-) No structure for student review submission
(+) Number of reviews available indicated on scroll navigation button, gives clue on reviews available to read				

Scheduler

NUSMODS

Today

Timetable

Courses

Venues

Settings

Contribute

Whispers

Course code, names and descriptions

AC5001 Architectural History of Singapore

Architecture • 4 Units

This course is a close study of architecture and related built environments in Singapore since its founding as a colonial trading settlement by Stamford Raffles, through various stages of physical development from independence to the present day. It examines how particular edifices and places were understood, studied, and described, from within and without, under various kinds of discursive structures. They will be studied in the context of the historical moments of the island state as a colony, a nation-state and a global city. It covers architects and their works, unbuilt projects, lost buildings, and places – by consulting various sources of evidence. The course will consult a variety of histories - institutional, professional, social-political - to develop a more robust narrative of the making of Singapore's architecture within a landscape history.

AC5002 Conservation Approaches and Philosophies

Architecture • 4 Units

This course aims to introduce students to current conservation philosophies

- Workload details

Sem 1 Sem 2 ST I ST II

6789 courses found

Exam
 No Exam

Workload - 10 hrs

Lec Project Preparation

- Search & Filter found records count



AY2023/24, Se

Refine by

[Clear Filters](#)

Offered In

- Semester 1 (4254)
- Semester 2 (4035)
- Special Term I (247)
- Special Term II (211)

Exams

- No Exam (5150)
- No Exam Clash (Sem 1) (6748)

Level

- 1000 (549)
- 2000 (940)
- 3000 (1176)
- 4000 (1552)
- 5000 (2192)
- 6000 (374)
- 8000 (6)

Units

- 0-3 Units (602)
- 4 Units (4651)
- 5-8 Units (1325)
- More than 8 Units (211)

Faculty

Add faculties filter...

Department

Add departments filter...

Others

Add other filters...

- Filters

- Description

Scheduler

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(-) Too much details on each course provided, making it too wordy (+) Filter headers intuitive and clear (+) Total search results count provided	(-) Un-collapsible course details makes user scroll a lot to reach and read other courses they are looking for (+) All filter application on one side for easy understanding of all possible filters to apply (+) Total search results count provided indicative to user to scroll that much or apply more filters to narrow search field	(+) The multiple filter options allow the user to narrow down the list of subjects displayed and this allows the user to only view the ones that meet their criteria	(-) No option to save filters applied	(+) Icons used are consistent with common icons. (+) Structure of workload representation consistent on every screen

Scheduler

The screenshot shows the NUSMODS scheduler interface. On the left is a sidebar with icons for Today, Timetable, Courses, Venues, Settings, Contribute, and Whispers. The main area is divided into three sections by dashed red lines:

- MONDAY, 18TH SEPTEMBER**:
 - Today**: Shows a weather icon (cloud), a message about study breaks, and a green box for a class from 8:56 AM to 6:00 PM: CS1010 Programming Methodology, Sectional Teaching 2, E-Learning.
- TUESDAY, 19TH SEPTEMBER**:
 - Tomorrow**: Shows a weather icon (lightning).
 - You have no lessons today.
- 20TH SEPTEMBER**:
 - Wednesday**: Shows a weather icon (cloud with lightning).
 - A green box for a class at 3:00 PM: CS1010 Programming Methodology, Tutorial 08A, COM4SR33.

- **Today** → gives daily update on weather, time to next class, room finder to find places to study/rest

Scheduler

NUSMODS

Today

Timetable

Courses

Venues

Settings

Contribute

Whispers

Venue Search

e.g. LT2

[Find free rooms](#)

< AS2-0316

AS2-0413

AY2023/24, Semester 1, Week 6

AS2-0509 >



See a problem? [Help us improve this map](#)

- **Settings** → gives user the option to customize the view with theme of the timetable blocks and light/night mode

NUSMODS

Today

Timetable

Courses

Venues

Settings

Contribute

Whispers

Night Mode

Night mode turns the light surfaces of the page dark, creating an experience ideal for the dark. Try it out!

Protip: Press **X** to toggle modes anywhere on NUSMods.

On **Off**

Theme

Liven up your timetable with different color schemes!

Protip: Press **Z / C** to cycle through the themes anywhere on NUSMods.

	1000	1100	1200	1300	1400	1500	1600	1700
MON	ACC1006 SEC [U] BIZ2-0509				CS2108 LEC [I] i3-Aud			
TUE	CS3235 TUT [2] COMT-B113	CS2108 TUT [2] COMT-0208			CS3235 TUT [2] LT15			
WED	GER1000 TUT [A19] AST1-0207 Weeks 3, 5, 7, 9, 11		CS2100 LEC [I] i3-Aud					



- **Venue search** → easily view where each class is located so they can plan based on location and distance between classes



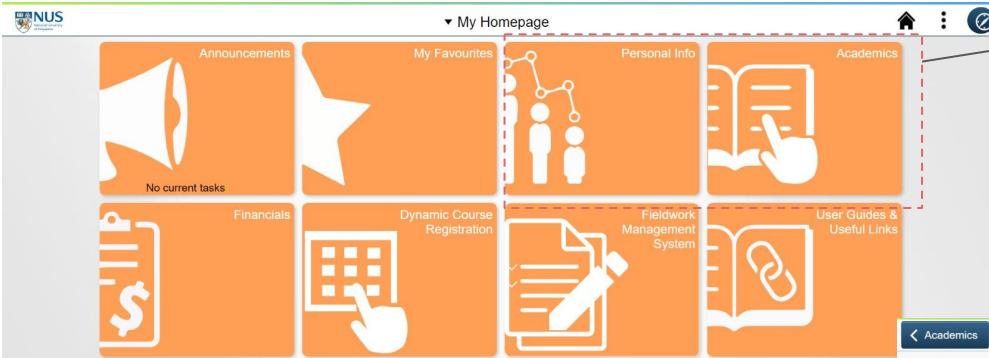
Screen-by-Screen Feature Analysis

[4] Registration

| Case Included:

National University of Singapore (NUS) (CourseReg)

Enrollment_cart



Landing page → navigate to specific pages for class registration for courses, personal information, etc.

Undergraduate
2023/2024 Semester 1

[About CourseReg@EduRec](#)

[View My Classes@CourseReg](#) (highlighted in green)

Please note that there will be no classes on public holidays.
The course instructor(s) will advise on make up classes, if any.

CDE2501 Liveable Cities

Class	Class Type	Session	Units	Status
L - L01 - 13013	Lecture	Regular	4.00	Enrolled
T - TUA2 - 13033	Tutorial	Regular		Enrolled

CS1231 Discrete Structures

Class	Class Type	Session	Units	Status
S - S1 - 8864	Sectional Teaching	Regular	4.00	Enrolled
T - T04 - 8870	Tutorial	Regular		Enrolled

CS2040C Data Structures and Algorithms

- Side navigation bar → finding subcategory for navigation → *About, View, Submit, Select, Add/Swap, Drop, Appeals*

Enrollment_cart

- **Course details** → registered class details with table fields - Class Type, Session, Units, Status

The screenshot shows the 'View My Classes@CourseReg' page. On the left, a sidebar lists academic options: About CourseReg@EduRec, View My Classes@CourseReg (highlighted in green), Select Courses, Submit Course Requests, Select Tutorials/Labs, Add/Swap Tutorials/Labs, Drop Classes, and Submit Appeals/Inquiries. The main content area displays three tables of registered classes:

Class	Class Type	Session	Units	Status
L - L01 - 13013	Lecture	Regular	4.00	Enrolled
T - TUA2 - 13033	Tutorial	Regular		Enrolled

Class	Class Type	Session	Units
S - S1 - 8864	Sectional Teaching	Regular	4.00
T - T04 - 8870	Tutorial	Regular	

Class	Class Type	Session	Units
▼ CS2040C Data Structures and Algorithms			

The screenshot shows the 'Select Courses' page. It includes sections for 'Undergraduate 2022/2023 Semester 2' and 'Academics'. The 'Academics' section contains links for About CourseReg@EduRec, View My Classes@CourseReg, Select Courses (highlighted in green), Submit Course Requests, Select Tutorials/Labs, Add/Swap Tutorials/Labs, Drop Classes, and Submit Appeals/Inquiries. The main content area displays course registration limits:

Seniority (based on cumulative Units obtained): ISE2
 Course Feedback Points: 4
 Number of Units Allocated: 0
 Max Number of Units that can be taken in this Round: 23
 Number of Units to meeting min. Workload: 18
 Number of Units you would like to enrol in for this round:

Add Class

Notes:

- To report discrepancy on Seniority status, contact Faculty/School/Department admins. Refer to Contact Us page from CourseReg website for contact details.
- Course Feedback Points are accounted for successfully submitted credit-bearing course components of courses (exclude Yale-NUS) read in immediate past semester.
- In Round 3, Max Number of Units that can be taken in this Round may vary depending on student's year of study, GPA, granted max workload waiver (if any) for Undergraduates.
- Number of Units you would like to enrol in for this round must not exceed Max Number of Units that can be taken in this round. Enter a value to proceed.
- Refer to Select Courses section of CourseReg User Guide for detailed instructions and more information.

- **Course registration limits** → based on maximum workload limits, and student class vacancy, etc, restrictions are placed before student can proceed to add further classes

Undergraduate

2023/2024 Semester 1

 About CourseReg@EduRec **View My Classes@CourseReg** Select Courses Submit Course Requests Select Tutorials/Labs Add/Swap Tutorials/Labs Drop Classes Submit Appeals/Inquiries

Please note that there will be no classes on public holidays.

The course instructor(s) will advise on make up classes, if any.

▼ CDE2501 Liveable Cities

Class	Class Type	Session	Units	Status
L - L01 - 13013	Lecture	Regular	4.00	Enrolled
T - TUA2 - 13033	Tutorial	Regular		Enrolled

▼ CS1231 Discrete Structures

Class	Class Type	Session	Units	Status
S - S1 - 8864	Sectional Teaching	Regular	4.00	Enrolled
T - T04 - 8870	Tutorial	Regular		Enrolled

▼ CS2040C Data Structures and Algorithms

Enrollment_cart

Cancel

Select Courses

Search for Courses ⓘ

Subject: (select subject)

EC

Catalog Nbr:

Enter search keywords (optional)

Course Title:

Enter search keywords (optional)

Search

Notes:

1. Vacancy Report from CourseReg website.
2. Course hosts will offer course for selection.

Course search is unsuccessful.
It may not be offered for selection in this round or in this semester.
Retry in next round or refer to Vacancy Report to search other courses.
Should this course be opened for selection in this round, contact course host to verify.

OK

- **Course search field** → to search for course based on subject or catalog nbr or course title.

- **Info button** → provides an example of format to enter for the search field



Cancel

Select Courses

Search for Courses ⓘ

*Subject: (select subject)

EC

Catalog Nbr:

Enter search keywords (optional)

Course Title:

Enter search keywords (optional)

Search

Notes:

1. Vacancy Report from CourseReg website.

2. Course hosts will offer course for selection.

Course search is unsuccessful.
It may not be offered for selection in this round or in this semester.
Retry in next round or refer to Vacancy Report to search other courses.
Should this course be opened for selection in this round, contact course host to verify.

OK



- **Info button** → provides an example of format to enter for the search field

[Cancel](#)

Select Courses

Select a Class for Course CS2040 [?](#)

Class	Class Type	Session	Vacancy	Students Selected	Select
L - L1 - 2844	Lecture	Regular	0	21	Select
L - L2 - 13751	Lecture	Regular	0	104	Select

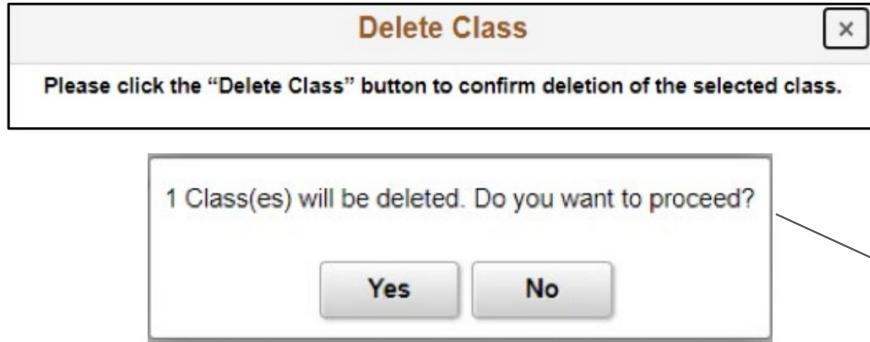
Main List

Select to Delete	Course	Class	Class Type	Session	Units	Vacancy	Students Selected	Rank	Reserve Classes
<input type="checkbox"/>	CS2040	L - L1 - 2844	Lecture	Regular	4.00	4	22	1	Add Reserve Classes



- **Vacancy information** → gives an idea of the course capacity for more informed choice in course selection

Enrollment_cart



- **Deleting selected course** → allows user to remove a selected course easily.

Enrollment_cart

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Navigation buttons on landing page are <u>big, visible and with interpretable icons</u>	(+) Navigation buttons being the <u>only visible buttons in the landing page</u> makes it <u>easier for user to know where to go</u>	(+) <u>Course registration limits adds restrictions based on the program, priority and workload limits that the system stipulates</u>	(+) <u>Back button allows to navigate to and fro</u>	(+) <u>Icons used are consistent with common icons</u>
(+) Icons on the side navigation bar			(+) Editable field for the “units”/credits of courses that the user wishes to enroll in.	(+) <u>Details and their format are consistent for each course</u>
(+) Details provided on <u>important information on respective courses with clear table structure</u>	(+) Course details being <u>collapsible makes it easy to navigate/scroll</u> downwards to find course of choice		(+) <u>Error message with information on what the user can do when unsuccessful in searching for a course</u>	(-) <u>Info button not available for all the search fields</u>
(+) <u>Collapsible course details</u> makes it easy to view more items				
(+) Search field has an <u>info button</u> to help <u>learn more on how to use the search field</u>			(+) <u>Course deletion process has a double-confirmation message before successful deletion</u>	
(+) <u>Vacancy information & number of students who selected course available</u> to give details on space limits and popularity of a course				



Carnegie Mellon University

Intro & Site Architecture

Carnegie Mellon University

Claire Xu
[FAQ](#) | [Feedback](#) | [Logout](#)

Student Information Online

Academic Info ▾ Course Schedule ▾ Finances ▾ My Info Campus Life ▾ Contacts

Semester Schedule

View the term [Spring 2023](#) ▾

[Calendar](#) [List](#) [≡](#)

Units Carried :: 60.0

	Monday	Tuesday	Wednesday	Thursday	Friday
7:00 AM					
8:00 AM		05650 A INTERACTN DESIGN STDO		05650 A INTERACTN DESIGN STDO	
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM	05410 1 USER-CN RSRCH EVALN	48519 A ARC STUDIO: TH II/P	05410 1 USER-CN RSRCH EVALN	48519 A ARC STUDIO: TH II/P	

[Print This Page](#)

Transition Time Between Classes for Spring 2023

For spring 2023 and on, the transition time between class start and end times will change from 15 minutes to 10 minutes. Plan your schedule accordingly!

Course Delivery Modes

Course delivery modalities can be viewed in SIO in a number of ways.

[» Learn More](#)

Remote Learning Guide

View technology guidance for attending classes, completing your coursework and accessing university resources from a remote location.

[» Visit Website](#)

TBA or TBD Courses

CMU Course Registration System

SIO

Student Information Online is the comprehensive student tool that helps students manage their academics at CMU, including registration, student status, finances, campus life, and more.

Carnegie Mellon University
Schedule of Classes

[WELCOME](#) [COURSE SEARCH](#) [COMPLETE SCHEDULE](#) [FEEDBACK](#)

Semester Fall 2023	Course Type All	Course Level All	Teaching Location All
Departments Architecture			

last updated: Sun Sep 17, 2023

ARCHITECTURE

COURSE	COURSE TITLE	UNITS	SEC	MINI	DAYS	BEGIN	END	TEACHING LOCATION	BLDG/ROOM	DELIVERY MODE	INSTRUCTOR
48025	First Year Seminar: Architecture Edition I	3	A	R	12:30PM	01:50PM	Pittsburgh, Pennsylvania	MM A14	In-person Expectation	Workinger, Heather	
48050	Study Abroad	0	A	TBA	TBA	TBA	Pittsburgh, Pennsylvania	D/NM	Remote only	TBA	
48095	Spatial Concepts for Non-Architecture Majors	10	A	TR	01:00PM	02:50PM	Pittsburgh, Pennsylvania	CFA 211	In-person Expectation	Barbuto, Nina Marie	
48100	Architecture Design Studio: POIESIS STUDIO 1	15	Lec 1	MWF	02:00PM	04:50PM	Pittsburgh, Pennsylvania	MM A14	In-person Expectation	McFarland, Jackie	
			A	MWF	02:00PM	04:50PM	Pittsburgh, Pennsylvania	CFA 200	In-person Expectation	Markiewicz, Tonya	
			B	MWF	02:00PM	04:50PM	Pittsburgh, Pennsylvania	CFA 200	In-person Expectation	Tarannum, Nazia	
			C	MWF	02:00PM	04:50PM	Pittsburgh, Pennsylvania	CFA 200	In-person Expectation	Rafson, Sarah	
			D	MWF	02:00PM	04:50PM	Pittsburgh, Pennsylvania	CFA 200	In-person	Wood-Sternburgh, Garret	

CMU Course Registration System

Course Catalog

Course Catalog is a site that allows students to check offered courses based on their selected filters. Students can check courses of the past 3 semesters (summer inclusive).



Screen-by-Screen Feature Analysis

[1] Home

| Case Included:

Carnegie Mellon University (SIO, Course Catalog)

Home

Includes name in the homepage to make the landing page more welcoming and personal

The screenshot shows the Carnegie Mellon University Student Information Online homepage. At the top, there is a red header bar with the university's name and a user profile for "Claire Xu". Below the header, the main navigation menu includes "Student Information Online", "Academic Info", "Course Schedule", "Finances", "My Info", "Campus Life", and "Contacts". A welcome message "Welcome, Claire" is displayed. Two large sections are present: one for "Undergraduates" showing students at a Holi festival, and one for "Graduates" showing people at a networking event. Each section has a "LATEST ALERTS & INFO" box listing items like "Federal Loan Borrowers: Complete MPN and Entrance Counseling", "Manage Your Student Identity", and "Enroll in Online Banking for Easy Payments", along with a "Find Out More" button. The Carnegie Mellon seal is visible in the bottom right corner.

Header

Navigation Bar

SIO Home Page: The home page currently presents undergraduate and graduate external links.

Homepage info isn't related to any of the SIO functionalities

Home cont.

Carnegie Mellon University
 Claire Xu
FAQ | Feedback | Logout

Student Information Online
Academic Info ▾ Course Schedule ▾ Finances ▾ My Info Campus Life ▾ Contacts



Grades

View grades and QPA.





Schedule

View course schedule, classroom, and instructor info.





Finances

View account balance, invoices, and payments.





Registration

Register for and drop courses, or manage your waitlists.



Quick Links

Academic Calendar Canvas CMU Directory Consumer Information Dining Services Final Exams Housing & Residential Education	HUB Forms & Documents ID Cards My Plaid Student Office of International Education Schedule of Classes Stellic Degree Audit Application Student Affairs	Student Financial Services Student Privacy & FERPA Summer Studies Undergraduate Catalog University Health Services University Policies University Registrar's Office
---	--	--

Connect: [f](#) [t](#)

Student Information Online (SIO)
 Division of Enrollment Services
 5000 Forbes Avenue
 Pittsburgh, PA 15213
[Contact Us](#)

Includes contact information of SIO on campus.

Header

Navigation Bar

SIO Home Page: Scrolling down would present the four major features of SIO: Grades, Schedule, Finances, and Registration.

Quick Links: Includes external links that might be relevant to student questions.

Home_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Webpages utilizes space efficiently with curated aesthetics	(+) Navigation buttons are organized and easy to access at top of page	(+) <u>Homepage only allows students to direct themselves to specific places</u>	(+) <u>Navigation bar matches the links on the homepage, students can redirect themselves when needed</u>	(+) <u>Color and font use are consistent</u>
(+) Visual hierarchy is clear with font and use of color	(+) Navigation organized based on importance and relevance from left to right (academics → registration → finances → personal info)	(+) <u>Limited amounts of places that students can navigate to through the homepage</u>	(-) Some links direct students to a new tab outside of SIO, students might be confused and need to go back to SIO tab	(+) <u>Use of images are consistent on the homepage, relevant to CMU</u>
(+) Organization of information is clear and informative (Grades, Schedule, Finances, Registration)	(+) Information organized from top to bottom, general to specific			
(-) Actions related to SIO are not immediately visible unless users scroll, the two links on the landing page leads to exterior sites.				
(-) Links are not immediately obvious as clickable. Would easily mistaken as unclickable information banner				



Screen-by-Screen Feature Analysis

[2] Course Search

| Case Included:

Carnegie Mellon University (Course Catalog)

Course Search

CARNEGIE MELLON UNIVERSITY
Schedule of Classes

WELCOME **COURSE SEARCH** **COMPLETE SCHEDULE** **FEEDBACK**

SEARCH FOR COURSES

Semester / Year

View All Courses View Mini Courses Only

Departments
 Searching across all or several departments may result in a longer response time.
 All Departments
 Architecture (48XXX)
 Art (60XXX)
 Arts & Entertainment Management (93XXX)
 BXA Intercollege Degree Programs (52XXX)
 Biological Sciences (03XXX)
 Biomedical Engineering (42XXX)
 Business Administration (70XXX)
 CFA Interdisciplinary (62XXX)
 CIT Interdisciplinary (39XXX)
 CMUQ-Wide Studies (97XXX)
 Carnegie Mellon University-Wide Studies (99XXX)

Note: To select multiple departments, hold down the Apple key (Mac) or the Control key (PC) while you click on your department selections.

Course Level

Teaching Location

Instructor Use the '%' character as a wildcard
 Last Name First Name

Starting Time

Keyword (Example: Biology) Use the '%' character as a wildcard

Course Titles Only Course Titles and Descriptions

RETRIEVE SCHEDULE **RESET FORM**

Prompt to encourage students to search by department.

Header**Navigation Bar**

Course Search: A series of inputs organized by two columns:

Main Column (left) specifies semester and department

Sub Column (right) specifies detailed filter including course level, teaching location, keyword, etc.

Course Search Results

Carnegie Mellon University

Schedule of Classes

WELCOME COURSE SEARCH COMPLETE SCHEDULE FEEDBACK

Semester Fall 2023	Course Type All	Course Level All	Teaching Location All
Departments Architecture			

last updated: Sun Sep 17, 2023

ARCHITECTURE

COURSE	COURSE TITLE	UNITS	SEC	MINI	DAYS	BEGIN	END	TEACHING LOCATION	BLDG/ROOM	DELIVERY MODE	INSTRUCTOR
48025	First Year Seminar: Architecture Edition I	3	A	R	12:30PM	01:50PM	Pittsburgh, Pennsylvania	MM A14	In-person Expectation	Workinger, Heather	
48050	Study Abroad	0	A	TBA	TBA	TBA	Pittsburgh, Pennsylvania	DNM	Remote only	TBA	
48095	Spatial Concepts for Non-Architecture Majors	10	A	TR	01:00PM	02:50PM	Pittsburgh, Pennsylvania	CFA 211	In-person Expectation	Barbuto, Nina Marie	
48100	Architecture Design Studio: POIESIS STUDIO 1	15	Lec 1	MWF	02:00PM	04:50PM	Pittsburgh, Pennsylvania	MM A14	In-person Expectation	McFarland, Jackie	
			A	MWF	02:00PM	04:50PM	Pittsburgh, Pennsylvania	CFA 200	In-person Expectation	Markiewicz, Tonya	
			B	MWF	02:00PM	04:50PM	Pittsburgh, Pennsylvania	CFA 200	In-person Expectation	Tarannum, Nazia	
			C	MWF	02:00PM	04:50PM	Pittsburgh, Pennsylvania	CFA 200	In-person Expectation	Rafson, Sarah	
			D	MWF	02:00PM	04:50PM	Pittsburgh, Pennsylvania	CFA 200	In-person	Wood-Sternburgh, Garret	

Course numbers are clickable links, different color and underlined.

Header

Navigation Bar

Search Input: This section presents the input students have keyed in.

Search Result (Course List): A table that includes minimal styles and lists relevant information, such as course number, title, units, days offered, times, location etc.

Course Description

The screenshot shows a course catalog page for Carnegie Mellon University. A specific course, 48025 First Year Seminar: Architecture Edition I, is highlighted with a light gray overlay. This overlay contains detailed course information: Fall 2023 semester, course number 48025, title, units (3.0), section (A), days (R), begin (12:30PM), end (01:50PM), teaching location (Pittsburgh, Pennsylvania), and instructor (Workinger, Heather). It also includes related URLs for SOA and courses, and a note that special permission is required (No). Below this, the course description is provided: "The main objective of this first-year seminar course is on how students learn, develop, and make decisions as they transition into architecture education. The goal of this course is to promote academic success and encourage connections within the SoA and the University at large. Teaching and learning strategies will be introduced to help support the transition into architecture and the development of independent critical thinkers. Students will be introduced to campus resources that support their academic/social/personal integration into the campus community. Topical areas to be covered in the seminar will include academic success strategies in architecture education, academic development, career planning, mentorships, academic and personal support services, and the aspects of professional practice in architecture." The catalog also lists other courses under the ARCHITECTURE heading, such as 48025 First Year Seminar I, 48050 Study Abroad, 48095 Spatial Concepts Majors, and 48100 Architecture STUDIO 1.

Basic Course Information

Course Description: The pop-up card provides more detail about the course, including its description, pre-requisites, notes, and reservation notes.

Background is grayed out to emphasize on the current course description card.

Course Search_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Clear inputs and labeled guidance for course search	(+) Course details are separate from the list, making it easier to scroll through list and open specific courses of interest	(+) <u>Students can only modify inputs given on the search page</u>	(+) Course details are pop-up cards, allows students to easily return to course search list	(+) <u>Color, font, spaces used are consistent.</u>
(+) Table of search results presenting relevant information of courses		(+) <u>Table with minimum user action makes it intuitive for users to scroll and look at relevant information</u>	(-) <u>Students need to manually click back to the course search page to change input.</u>	(+) <u>Details and their format are consistent for each course</u>
(+) Clear inputs and labeled guidance for course search		(+) Only course numbers are clickable to show course details, making it more intuitive for students		
(+) <u>Background is grayed out for course details, making it easier to focus on presented information</u>				



Screen-by-Screen Feature Analysis

[3] Scheduler

| Case Included:

Carnegie Mellon University (SIO)

Semester Schedule

Schedule available in calendar and list view

Carnegie Mellon University

Student Information Online
Academic Info ▾
Course Schedule ▾
Finances ▾
My Info
Campus Life ▾
Contacts

Semester Schedule

View the term ▾
🕒
Calendar
List
☰

	Monday	Tuesday	Wednesday	Thursday	Friday
7:00 AM					
8:00 AM		05650 A INTERACTN DESGN STDO		05650 A INTERACTN DESGN STDO	
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM	05410 1 USER-CN RSRCH EVALN	48519 A ARC STUDIO: TH II/IP	05410 1 USER-CN RSRCH EVALN	48519 A ARC STUDIO: TH II/IP	

[Print This Page](#) 🖨

Transition Time Between Classes
for Spring 2023

For spring 2023 and on, the transition time between class start and end times will change from 15 minutes to 10 minutes. Plan your schedule accordingly!

Course Delivery Modes

Course delivery modalities can be viewed in SIO in a number of ways.

» [Learn More](#)

Remote Learning Guide

View technology guidance for attending classes, completing your coursework and accessing university resources from a remote location.

» [Visit Website](#)

TBA or TBD Courses

Header

Navigation Bar

Semester Schedule: This schedule shows the registered classes for students of the shown semester.

Calendar shows the days with courses, courses are color coded with number and name abbreviation, and total number of units carried on top right.

Column on the right includes information that might be relevant to the semester.

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Plan Course Schedule

Create or delete planned schedule

Carnegie Mellon University

Student Information Online Academic Info ▾ Course Schedule ▾ Finances ▾ My Info Campus Life ▾ Contacts

Claire Xu
FAQ | Feedback | Logout

Plan Course Schedule

Viewing plan for Fall 2023:
new schedule ▾

Fall 2023 Registration has begun. Click on the 'Register Courses' link to begin registration.

There is a time conflict between two or more sections on this planned schedule.

Print This Page

Units Scheduled :: 36.0

	Monday	Tuesday	Wednesday	Thursday	Friday
8 AM	05-470 :: A Digital Service Innovation		05-470 :: A Digital Service Innovation		
9 AM	05-360 :: A Interaction Design for Human-Computer Interaction		05-360 :: A Interaction Design for Human-Computer Interaction		
10 AM					
11 AM					

Add course to planned schedule

Course: 05-470 added successfully!

Search for a course to add, or type the course number below and click 'Add'

Add

▶ Persuasive Design
05315 :: 12.0 units ⓘ
A :: 02:00PM to 03:20PM TR

▶ Interaction Design for Human-Computer Interaction
05360 :: 12.0 units ⓘ
A :: 09:30AM to 11:50AM MW

▼ Digital Service Innovation
05470 :: 12.0 units ⓘ
A :: 08:00AM to 09:50AM MW
Shelly; Vinchesi 08:00AM to 09:50AM MW

Transition Time Between Classes for Spring 2023
For Spring 2023 and on, the transition time between

Header**Navigation Bar****Planned Semester**

Schedule: This schedule shows the planned classes for students of the shown semester.

Courses are color coded to indicate how they would look like in an actual schedule.

The column has the search at the top, as well as courses added to the planned schedule at the bottom.

Scheduler_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Both list/Calendar view available, to accommodate for different user preferences	(+) Use of a calendar helps users to understand class times easier	(+) <u>Students can only look at the course information in the semester schedule</u>	(+) <u>Courses can be easily removed or changed (sections)</u> (-) Once a course is removed, students need to manually search for it again to bring it back.	(+) <u>Color and font are consistent across the page</u> (+) <u>Schedule components are consistent (use of green to highlight classes)</u> (-) <u>Fonts inside classes are not presented with visual hierarchy, difficult to see at a glance</u>
(+) Presents only relevant time/day when classes are held	(+) Division of calendar by hours and 30 minute intervals with the table helps to visually interpret the class times			
(+) Classes shown week by week for better visibility				
(+) <u>Classes are distinguished by color, easy to see which classes are which</u>	(-) <u>Inputs are not available to customize the information presented in the schedule.</u>		(-) <u>Students might not be aware of which planner/semester they're editing in, due to the small text of semester/planner name</u>	
(-) <u>Schedule is not visible as a whole on the page, need scrolling</u>				



Screen-by-Screen Feature Analysis

[4] Registration

| Case Included:

Carnegie Mellon University (SIO)

Registration

Change semester & planned schedule to see different courses

Carnegie Mellon University

Student Information Online

[Academic Info](#) ▾ [Course Schedule](#) ▾ [Finances](#) ▾ [My Info](#) [Campus Life](#) ▾ [Contacts](#)

Registration for Fall 2023

Planned Schedule [new schedule](#) for Semester: [Fall 2023](#)
[Print This Page](#)

⚠ Our records indicate you are unable to register at this time as a result of an administrative restriction. Please contact an Assistant Director in The HUB for resolution.

⚠ There is a time conflict between two or more sections on this planned schedule.

TITLE / NUMBER & SECTION	DATES/TIMES	UNITS	STATUS
PERSUASIVE DESIGN 05315 A	T Th 02:00PM to 03:20PM	12.0	Not Registered
IXD-HCI 05360 A	M W 09:30AM to 11:50AM	12.0	Not Registered
DGTL SRVC INNOV 05470 A	M W 08:00AM to 09:50AM	12.0	Not Registered

Official Schedule for Fall 2023

You have no registered courses for this semester

Waitlist for Fall 2023

You have no waitlist courses for this semester

Register in 4 Easy Steps!

Transition Time Between Classes for Spring 2023

For spring 2023 and on, the transition time between class start and end times will change from 15 minutes to 10 minutes. Plan your schedule accordingly!

Course Delivery Modes

Course delivery modalities can be viewed in SIO in a number of ways.

[» Learn More](#)

Course Drops & Withdrawals

Visit the Academic Calendar (link in footer) for exact drop and withdrawal dates. Instructions for course drops and withdrawals, including the drop voucher process, may be found on The HUB website.

[» More Info](#)

Warning: No Automated Requests

Please be responsible when accessing the registration system. Attempts to inundate the system with automated requests to register for a course will be logged and will result in your being denied access until AFTER the entire registration period.

Header

Navigation Bar

Registration: The planned schedule is available in an list format for students to register when their time has come.

The list shows the course title, date/times, units and registration status.

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Registration cont.

Planned Schedule 1 for Semester Fall 2022				
TITLE / NUMBER & SECTION	DATES/TIMES	UNITS	STATUS	
MATRC & LINR TRNSF 21241 S	M W F 10:10AM to 11:00AM	10.0	Not Registered	
MATRC & LINR TRNSF 21241 P	Th 12:20PM to 01:10PM	10.0	Not Registered	
SOCIAL PSYCHOLOGY 85241 B	M W 03:05PM to 04:25PM	9.0	Not Registered	

Official Schedule for Fall 2022

TITLE / NUMBER & SECTION	DATES / TIMES	UNITS	STATUS	
HIS OF PROHIBITION 79327 A2	T Th 06:40PM to 08:00PM	6.0	Registered	
PRINC CHILD DVLPMT 85221 A	T Th 01:25PM to 02:45PM	9.0	Registered	
VIS COG 85408 A	T Th 10:10AM to 11:30AM	9.0	Registered	
TOTAL UNITS:		24.0	MAX UNITS: 54.0	

Waitlist for Fall 2022

TITLE / NUMBER & SECTION	DATES/TIMES	UNITS	POSN/WL	WL'ED DATE	
ETHICS	F	3.0	7/10	10 Oct 2022 12:14 PM	

Register for a course

Search for a course to register or type the course number and section below and click 'Register'.

COURSE # SECTION

Course Delivery Modes

Course delivery modalities can be viewed in SIO in a number of ways.

[» Learn More](#)

Course Drops & Withdrawals

Visit the Academic Calendar (link in footer) for exact drop and withdrawal dates. Instructions for course drops and withdrawals, including the drop voucher process, may be found on The HUB website.

[» More Info](#)

Warning: No Automated Requests

Please be responsible when accessing the registration system. Attempts to inundate the system with automated requests to register for a course will be logged and will result in your being denied access until AFTER the entire registration period.

Planned Schedule: This section includes courses from the planned schedule that are not yet registered.

Official Schedule: This section includes courses that are officially registered for the semester.

This column allows for direct search of courses outside of planned ones, and also relevant info.

Registration_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Student's planned calendar are directly used to register, easily visible	(+) Effective use of icons for buttons (gear wheel to indicate action items for what to do with a class)	(+) <u>Students can only modify or register one class at a time</u>	(+) <u>Attempt at presenting an error message when registration for a specific course fails.</u>	(+) <u>Consistent font, color and table used for showing classes</u>
(+) Separation of planned courses, registered and waitlisted courses helps to serve good visual comparisons	(+) Clicking on drop downs will present a drop down list, fits user expectations	(+) <u>Students can only register for classes in their designated time slots (shown in the yellow notice banner)</u>	(+) <u>Add, drop, waitlist options are all on the same page, easy error recovery for registration.</u>	(+) <u>Distinction between interactive elements and informative elements are clear (buttons vs pure text)</u>
(+) Highlight of notice banner on top of screen presents useful information about registration status			(-) <u>Error messages presented (such as waitlist full, change to another class or contact staff) doesn't provide recovery steps.</u>	
(+) Sub column on the right presents alternative option of registering a class not included in planned calendar				
(-) <u>Registration action buttons are not visible and designed to be very small</u>				

Waitlist History

Carnegie Mellon University
 Claire Xu
[FAQ](#) | [Feedback](#) | [Logout](#)

Student Information Online

[Academic Info](#) ▾
 [Course Schedule](#) ▾
 [Finances](#) ▾
 [My Info](#)
[Campus Life](#) ▾
 [Contacts](#)

Waitlist History

Select a semester:

Fall 2022

[Print This Page](#)

COURSE	DATA ENTRY BY	ON DATE	REMOVED BY	OFF DATE	CONFIRM DATE
05291 A	Claire Xu	24 Apr 2022		19 Sep 2022	11 Jul 2022
05317 A	Claire Xu	18 Apr 2022	Mark Beck	20 Jun 2022	
05318 A	Claire Xu	24 Apr 2022		15 Jul 2022	11 Jul 2022
05430 C	Claire Xu	18 Apr 2022	Mark Beck	18 Apr 2022	
05452 A	Claire Xu	18 Apr 2022		04 Aug 2022	11 Jul 2022
05651 C	Claire Xu	18 Apr 2022	Mark Beck	21 Apr 2022	

Confirm Your Spot on the Waitlist

By the first day of the semester, you will need to confirm your desire to remain on the course-section waitlist. Students who do not confirm will be removed from the waitlist.

[» Waitlist Process & Policy](#)

Waitlist Info

You can be waitlisted for up to five course-sections, and for only one section of the same course. We recommend leaving units available on your schedule in case you are considered for registration from the waitlist.

[» Waitlist Process & Policy](#)

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Waitlist History & Info:

This section includes waitlisted courses, and information such as course, on date, off date, confirmed date, as well as person removed by (from waitlist).

At the bottom there are relevant links to information.

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Dropped Courses

Carnegie Mellon University

Student Information Online
Academic Info ▾ Course Schedule ▾ Finances ▾ My Info Campus Life ▾ Contacts
Claire Xu
FAQ | Feedback | Logout

Dropped Courses

Select a semester: Spring 2023

SEM COURSE UNITS	DROP DATE	DROPPED BY
S23 05650 C 12	22 Nov 2022	Nicole Willis
S23 48510 1 O	11 Jan 2023	Heather Workinger
S23 48510 F 18	11 Jan 2023	Heather Workinger

Voucher Count

Please note that the Student Drop Voucher count that is displayed will not include your additional 2020-2021 voucher, or late fall 2020 and spring 2021 vouchers.

Questions? Email cmuregistrar@andrew.cmu.edu.

[» Voucher Info](#)

Voucher Process

No vouchers available for prior semesters.

Your Course Drops

This page displays your dropped courses (without a W grade) for the selected semester. If you believe that a course has been dropped in error, please contact the teaching department.

Courses assigned a W grade remain on your academic record and are included in your units carried.

Quick Links
Connect: [f](#) [t](#)

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Dropped Courses & Vouchers: This section includes all dropped courses based on previous semesters.

Also includes voucher information (unique to CMU), which allows drops after the add/drop deadline.



Screen-by-Screen Feature Analysis

[5] Student Information

| Case Included:

Carnegie Mellon University (SIO)

Enrollment Status

Carnegie Mellon University

Claire Xu
FAQ | Feedback | Logout

Student Information Online

Academic Info ▾ Course Schedule ▾ Finances ▾ My Info Campus Life ▾ Contacts

Enrollment Status

Show Enrollment Status for semester: Fall 2023

Semester Info	
Semester	Fall 2023
Enrollment Status	Graduated
Registered	No
Units Carried	0.0
Maximum Units	54.0
Class Level	Fifth-Year Senior
Expected Graduation	Spring 2023
College	College of Fine Arts
Department	Architecture
Major	Architectural and Building Sciences/Technology

Advisor Info

Primary Advisor Heather Workinger

Header

Navigation Bar

Enrollment Status: This section includes enrollment information per semester.

Includes unit carried, maximum units, class level, college, major, and more.

Screen-by-Screen Feature Analysis

Appendix.