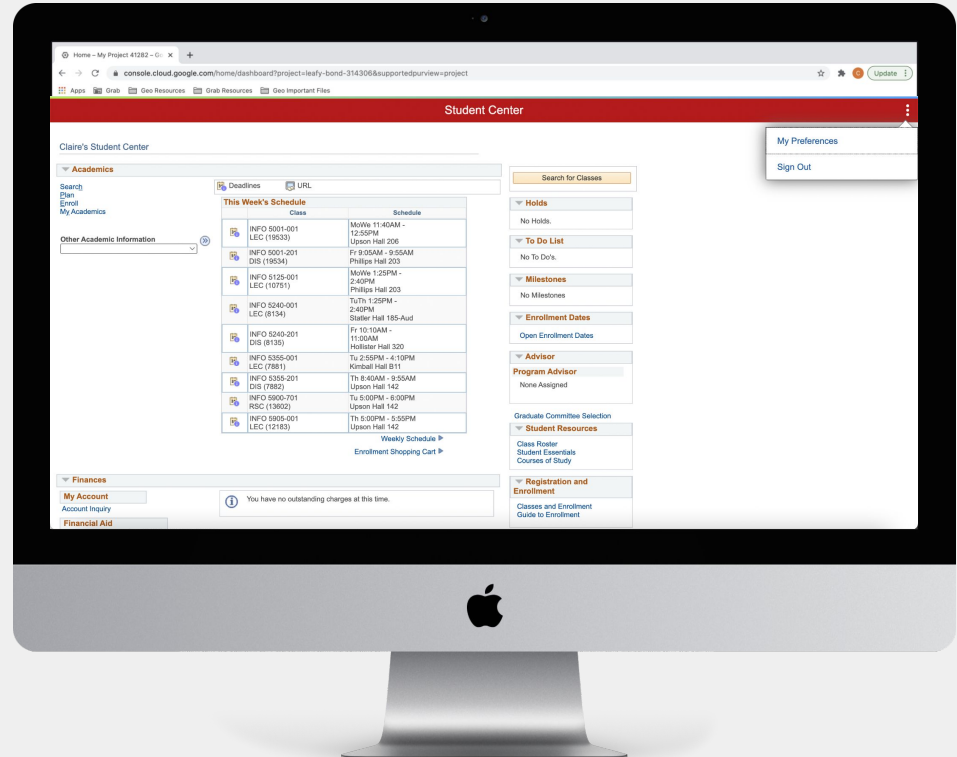


Screen-by-Screen Feature Analysis

Course Registration: Cornell, NUS, CMU



Sep 12, 2023

Claire Xu, Sonia Sunil

Key Feature Analysis Focus

[1] Home

Header Services
Menu
Main Services
Page Layout
...

[2] Course Catalog

Landing Page
Course Organization
Search/Filter
Course Description
Page
...

[3] Schedule

Calendar Layout
Customization
Course Planning
...

[4] Registration

Enroll
Drop
Waitlist
...

[5] Student Information

Academic Requirements
Term Information
Student Grades
...



Cornell University

Intro & Site Architecture

The screenshot shows the Cornell University Class Roster website. At the top, there's a navigation bar with the Cornell University logo, the text "Class Roster" by Sonia Sunil, and buttons for "Browse", "Scheduler", "Syllabi", "Favorites", and "FAQ". A search bar is in the top right. Below the navigation bar, there are two informational banners: one about Fall 2023 enrollment and another about Class Roster maintenance. The main section is titled "Scheduler" and shows a weekly schedule for the week of Sep 11-17, 2023. The schedule is a grid with days of the week as columns and time slots (8am to 1pm) as rows. Courses are represented by colored blocks with their names, section numbers, and locations. To the right of the scheduler, there are buttons for "Add Event", "Import Courses", and "Add Course". Below these, there are three course detail panels for INFO 5001, INFO 5100, and INFO 5355, each showing course details, credits, and a syllabus link.

Class Roster
Sonia Sunil [sign out](#)

[Browse](#) [Scheduler](#) [Syllabi](#)
[Favorites](#) [FAQ](#)

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 5355 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 - 11:00
11am	INFO 5100 LEC 001 Klarman Hall KG70	INFO 5001 LEC 001 Upson Hall 206 11:40 - 12:55	INFO 5100 LEC 001 Klarman Hall KG70		INFO 5100 LEC 001 Klarman Hall KG70 11:15 - 12:05
12pm					
1pm					INFO 5431 DIS 205 Online Meeting 12:25 - 1:15

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
LEC 001 MWF 2:30PM ☆ 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 F 12:25PM ☆ DIS 207 F 1:30PM ☆

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 'Student Center' interface. At the top is a red header bar with the text 'Student Center' and a menu icon. Below the header, the user's name 'Claire's Student Center' is displayed. The main content area is divided into several sections:

- Academics:** Includes a search bar, a 'Search for Classes' button, and a 'This Week's Schedule' table. The table lists classes with their IDs, titles, and schedules.

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
- Search for Classes:** A button to search for classes.
- Holds:** A section showing 'No Holds'.
- To Do List:** A section showing 'No To Do's'.
- Milestones:** A section showing 'No Milestones'.
- Enrollment Dates:** A section with a link to 'Open Enrollment Dates'.
- Advisor:** A section showing 'Program Advisor' and 'None Assigned'.
- Graduate Committee Selection:** A section with a link to 'Graduate Committee Selection'.
- Student Resources:** A section with links to 'Class Roster', 'Student Essentials', and 'Courses of Study'.
- Registration and Enrollment:** A section with links to 'Classes and Enrollment' and 'Guide to Enrollment'.
- Finances:** A section with links to 'My Account', 'Account Inquiry', and 'Financial Aid'.
- Other Academic Information:** A dropdown menu.
- Weekly Schedule:** A link to view the weekly schedule.
- Enrollment Shopping Cart:** A link to view the enrollment shopping cart.

At the bottom right, there is a notification: '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)

Student Center

Claire's Student Center

Academics

Search

Plan

Enroll

My Academics

Other Academic Information

Deadlines

URL

This Week's Schedule

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 Stattler 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

Weekly Schedule

Enrollment Shopping Cart

Finances

My Account

Account Inquiry

Financial Aid

You have no outstanding charges at this time.

Search for Classes

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

Registration and Enrollment

Classes and Enrollment

Guide to Enrollment

My Preferences

Sign Out

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

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.

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

Student Center

LEC (12183) Upson Hall 142

Weekly Schedule ▶

Enrollment Shopping Cart ▶

Finances

My Account

Account Inquiry

Financial Aid

View Financial Aid

Accept/Decline Awards

Other Finance Information

You have no outstanding charges at this time.

Personal Information

Demographic Data

Emergency Contact

Emergency Mass Notification

Names

User Preferences

Other Profile Information

Contact Information

Home

965 Bukit Timah Road #02-06

Singapore 589662

Singapore

Home Phone

9177803-3104

CU Assigned Address

None

CU Assigned E-mail

xx343@cornell.edu

Student Resources

Class Roster

Student Essentials

Courses of Study

Registration and Enrollment

Classes and Enrollment

Guide to Enrollment

Finances

University Bursar Office

View/Pay Bursar Bill

View CornellCard Activity

If you have a disability and are having trouble accessing information on this website or need materials in an alternate format, Contact web-accessibility@cornell.edu for assistance. x

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

- (+) Homepage includes relevant information at a glance for students
- (+) Use of sub column for pending tasks or notices is effective
- (+) Attempt at presenting information hierarchy through color and type
- (-) Important buttons are not visually highlighted
- (-) Lots of space underutilized across the website

Natural Mapping

- (+) Organization of Academics, Finances and Student Info makes it easy to find relevant information
- (+) Top to bottom scroll makes it intuitive for users to access information

Constraints

- (-) Lots of links presented across the dashboard with little navigation and constraints

Error Recovery

- (-) Back button goes back to previous page instead of the home page, can be confusing
- (-) Any error made needs to return to the homepage again

Standardization

- (+) Color and font are consistent across the page
- (-) Links and buttons are not all standardized to make it visually clear
- (-) Spacing between lines and sections are not all standardized/uniform



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

Fall 2023 ▾

Search

☐ 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

(+) Browser button being the first element and the navigation buttons being at the top, makes it clear and visible

(+) Clear labels/headers to indicate purpose of each button

(+) Chevron button intuitive that section/button is used to expand on content.

(-) Too many wordings making the view clustered with information

(-) Font size for details are too small

(-) Minimal color distinctions

Natural Mapping

(+) Navigation at the top and Filter buttons/section to the right side of the page makes it clear to user where to find things

(+) Tab switch to view Subjects and Academic groups intuitive with button type used

(+) Alphabetical ordering of subject codes, makes it understandable to scroll to find subject.

Constraints

(+) 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

Error Recovery

(-) Filters that user applies cannot be retained/saved. So the user has to re-apply them every time they log-in or navigate out

Standardization

(+) Icons are standardised, chevron to expand, cross to closs, etc

(+) Colors for the “availability” and “unavailability” of courses

(+) Colors used to show errors and other notifications are consistent throughout

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	4 Credits Graded	
3736	★ SEM 101	MTRF 10:10am - 11:00am Uris Hall 312	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	4 Credits Graded	
3737	★ SEM 102	MTRF 12:20pm - 1:10pm McGraw Hall 215	Aug 21 - Dec 4, 2023 Colby, E
Instruction Mode: In Person			

Fall 2023 ▾

Search

keyword, catalog nbr

go

- ☐ 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

(-) “Combined with...” is not intuitive to user that it is referring to similar courses.

(+) selection chips allows user to know the filter added to the search.

(-) closed/open course indicator not obvious to user on first glance as there is no label to indicate its purpose

(+) Not too many details on each course in the list, user has to click “view course details” to know more, making the view less clustered.

Natural Mapping

(+) Indicator of number of search results shows user has to scroll down to view more

(-) Too much space taken by the details of a single course and its un-collapsed state makes it tough for user to move/scroll to next course easily and find preferred course

Constraints

(+) Only shows courses that the user filtered on

(+) user allowed the option to only view more details on a course on clicking “view course details”

Error Recovery

(+) selection chip allows user to remove a filter applied easily

Standardization

(+) All “clickable” links are colored in red which makes it consistent



Screen-by-Screen Feature Analysis

[3] Scheduler

Case Included:

Cornell University (Class Roster, Student Center)

Scheduler

Class Roster
Sonia Sunil [sign out](#)

[Browse](#) [Scheduler](#) [Syllabi](#)
[Favorites](#) [FAQ](#)

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 5355 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 206 10:10 - 11:25	INFO 5556 DIS 201 Upson Hall 216 10:10 - 11:00
11am	INFO 5100 LEC 001 Klarman Hall KG70		INFO 5100 LEC 001 Klarman Hall KG70		INFO 5100 LEC 001 Klarman Hall KG70 11:15 - 12:05
12pm		INFO 5001 LEC 001 Upson Hall 206 11:40 - 12:55		INFO 5001 LEC 001 Upson Hall 206 11:40 - 12:55	
1pm					INFO 5431 DIS 205 Online Meeting 12:25 - 1:15

Added Courses:

- INFO 5001 Computing for Info Sci
- INFO 5100 Visual Data Analytics for Web
3 Credits
LEC 001 MWF 11:15AM ☆ ●
course details syllabi
- INFO 5355 Human-Computer Interaction
- INFO 5431 Teams and Technology
3 Credits
LEC 001 MW 2:30PM ☆ ●
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 F 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

(+) Timetable takes up most of the space, which makes it easier to view, serving its purpose to the user

(+) Different colors used to distinguish different courses

(+) Shows overview of total credits and courses

(-) Difficult to view the duration gap between courses due to limited time intervals in timetable. User has to click to view exact course start and end time

(+) Clashing courses are made obvious by the "squeezed" state of course blocks

Natural Mapping

(-) Not intuitive to user to click the course detail to expand on details, and to click again to collapse

(+) Checkbox next to course detail allows to "hide" a course from the timetable view

(+) List of added courses visible right below the "Add course" search bar

Constraints

(+) Option to create multiple timetables allows user to schedule different combinations

(+) Allows user to only move the course to a timing on the timetable where the course is offered.

Error Recovery

(+) User can remove the added course easily from the list of added courses

Standardization

(+) Icons for the review, share and settings are consistent with common icons.

(+) Details and their format are consistent for each course

My Class Schedule

[<](#) 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				INFO 5355 - 201 Discussion 8:40AM - 9:55AM Upson Hall 142	INFO 5001 - 201 Discussion 9:05AM - 9:55AM Phillips Hall 203		
9:00AM					INFO 5240 - 201 Discussion 10:10AM - 11:00AM Hollister Hall 320		
10:00AM							
11:00AM	INFO 5001 - 001 Lecture		INFO 5001 - 001 Lecture				

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.

*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 Class Schedule cont.

< My Class Schedule View My Weekly Schedule

12:00PM	INFO 5001 - 001 Lecture 11:40AM - 12:55PM Upson Hall 206		INFO 5001 - 001 Lecture 11:40AM - 12:55PM Upson Hall 206				
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
- ☐ Show Class Title
- ☐ Show Instructors
- ☒ Monday
- ☒ Tuesday
- ☒ Wednesday
- ☒ Thursday
- ☒ Friday
- ☒ Saturday
- ☒ Sunday

[Refresh Calendar](#)[Printer Fi](#)

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.

My Class Schedule_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Customizable schedule to hide/show certain class information (+) Both list/Calendar view available, to accommodate for different user preferences (+) Presents only relevant time/day when classes are held (+) Classes shown week by week for better visibility (-) <u>Classes are not distinguished by color, hard to see which classes are which</u> (-) <u>Schedule is not visible as a whole on the page, need scrolling</u>	(+) Use of a calendar helps users to understand class times easier (+) Division of calendar by hours and 15 minute intervals with the table helps to visually interpret the class times (-) <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>	(+) <u>Students can only choose to hide or show certain inputs for customizing the calendar</u> (+) <u>Input/output distinction is clear; students can modify only top/bottom and see the changes reflect in the middle section (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>



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

< Student Center View Schedule of Classes

Claire Xu Go To

Search Plan Enroll My Academics

Search for Classes

Enter Search Criteria

Search for Classes

Institution Cornell University Term Fall 2023

Select at least 2 search criteria. Select Search to view your search results.

▼ Class Search

Subject Course Number is exactly Course Career

☒ Show Open Classes Only

► Additional Search Criteria

Clear Search

Go to top

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.

← Student Center

View Schedule of Classes

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 Khairé	08/21/2023 - 10/05/2023	●
20661	031-LEC Seven Wk 1	TuTh 11:40AM - 12:55PM	Bloomberg Center 91	Mukti Vishvanath Khairé	08/21/2023 - 10/05/2023	●
20662	032-LEC Seven Wk 1	TuTh 1:25PM - 2:40PM	Bloomberg Center 91	Mukti Vishvanath Khairé	08/21/2023 - 10/05/2023	●

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

[Criteria Entry](#)My Planner

Claire XuGo To

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

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

My Planner

Add courses to Planner using

[Browse Course Catalog](#)[Plan by My Requirements](#)

[Delete all courses in Planner](#)[Delete All](#)

Fall 2023

Select	Course	Description	Units	Delete
☐	DEA 6510	Human Factors/Inclusive Design	3.00	
☐	INFO 5100	Visual Data Analytics for Web	3.00	
☐	INFO 5125	Project Management	3.00	
☐	INFO 5355	Human Computer Interaction	3.00	
☐	INFO 5905	Professional Career Develop	0.50	
☐	INFO 6940	Special Topics in Info Science	1.00 - 4.00	
☐	NBA 5640	The Business of Entrepreneur	3.00	

Move selected courses to TermMove

[Go to top](#)

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

[< My Planner](#) My Planner [⋮](#)

Claire Xu [Go To](#)

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

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

[My Planner](#)

[Course Detail](#)

[Return to My Planner](#)

DEA 6510 - Human Factors and Inclusive Design

[Course Detail](#)

[View Class Sections](#)

Career	Graduate
Units	3.00
Grading Basis	Student Option
Course Components	Lecture Required
Campus	Ithaca
Academic Group	Human Ecology
Academic Organization	Design & Environmental Analy

This course is in your planner under Term(s) Fall 2023.

[Return to My Planner](#)

[Go to top](#)

Header*

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

Course Detail: Clicking on to 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

Fall 2023 Shopping Cart

Your enrollment shopping cart is empty.

Find Classes

☒ Class Search
 ☐ My Requirements
 ☐ My Planner

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	☒

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.

[< Weekly Schedule](#)

Enrollment: Drop Classes

⋮

Claire Xu

Go To

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

Drop Classes

1 2 3

1. Select classes to drop

Select the classes to drop and select Drop Selected Classes.

Fall 2023 | Graduate | Cornell University

☒ Enrolled
 ☒ Dropped
 ☐ Wait Listed

Please contact the Registrar to Drop a Class with a Grayed Out Select Check Box

Select	Class	Description	Days/Times	Room	Instructor	Units	Status
☐	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	✓
☐	INFO 5125-001 (10751)	Project Management (Lecture)	MoWe 1:25PM - 2:40PM	Phillips Hall 203	S. Cleare	3.00	✓
☐	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	✓
☐	INFO 5355-201 (7882)	Human Computer Interaction (Discussion)	Th 8:40AM - 9:55AM	Upson Hall 142	G. Leshed		✓
☐	INFO 5355-001 (7881)	Human Computer Interaction (Lecture)	Tu 2:55PM - 4:10PM	Kimball Hall B11	G. Leshed	3.00	✓

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.

Swap Courses

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

Enrollment: Swap Classes

Claire Xu

Go To

Search Plan Enroll My Academics

My Class Schedule Add Drop Swap Edit Term Information

Swap a Class

1 2 3

1. Select a class to swap

Select the class you wish to swap then select the class you wish to replace it with.

Fall 2023 | Graduate | Cornell University

Swap This Class

Select from your schedule INFO 5355: Human Computer Interaction

With This Class

Class Search

Search for Class

My Planner

My Requirements

Search

Enter Class Nbr

Enter

My Fall 2023 Class Schedule

Go to top

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.

< Select Class to Edit

Enrollment: Edit a Class

Claire Xu

Go To

Search Plan Enroll My Academics

My Class Schedule Add Drop Swap Edit Term Information

Edit Class Enrollment Options

1 2 3

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*

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

Edit Classes: Students can choose to edit one of their classes (enrolled or wait listed).

The edit course is a bit confusing because it doesn't provide information on how the course is going to be edited.

*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

- (+) Search criteria has a simple layout with inputs and corresponding guidance.
- (+) Search results table includes relevant information of shown courses, helpful for students to make decisions
- (+) Progress bar for drop/swap/edit helps to inform steps in the process
- (-) Poor UI makes visibility challenging due to uneven spacing and organization of contents
- (-) Top half of search results is difficult to interpret due to layout visibility.
- (-) Underutilized white space across the pages

Natural Mapping

- (+) Navigation bar at the top helps to move between different actions
- (+) Navigation bar is organized with a natural flow (e.g. add → drop → swap)
- (-) Use of certain words are confusing, such as "shopping cart"
- (-) Features appear to be redundant, such as my planner and shopping cart. Requires extra steps to complete registration.

Constraints

- (+) Pages are structured that students can only perform corresponding actions in them (only add courses in add page)

Error Recovery

- (+) Attempt at presenting an error message when registration for a specific course fails.
- (-) Students need to manually backtrack their steps when there's an error in registration.
- (-) Error messages presented (such as waitlist full, change to another class or contact staff) doesn't provide recovery steps.

Standardization

- (+) Consistent font, color and table used for showing classes
- (-) Fonts inside classes are not presented with visual hierarchy, difficult to see at a glance



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.

32

View My Grades

< Term Links

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

Official Grades

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.

My Academics

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

← Student Grades My Academics ⋮

Claire Xu Go To [dropdown]

Search Plan Enroll My Academics

My Academics

Academic Requirements	View my advisement report
Advisors	View my advisors
Transfer Credit	View my transfer credit report
Course History	View my course history
Transcript	Request official transcript

- My Program
 - Institution - Cornell University
 - Career - Graduate
 - Program - Prof Masters Arts and Sciences
 - Major - Information Sciences

Go to top

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](#)

View My Classes@CourseReg

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

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/swap classes, drop classes and submit appeals.**

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

Today < Semester 1 >

0800 0900 1000 1100 1200 1300 1400 1500 1600 1700

	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700
MON									CS1010 SEC [2] E-Learning	
TUE					GE1101E TUT [D01] AS2-Q203 Weeks 3, 5, 7, 9, 11, 13		GE1101E TUT [D02] AS2-Q203 Weeks 3, 5, 7, 9, 11, 13		GE1101E TUT [D03] AS2-Q203 Weeks 3, 5, 7, 9, 11, 13	
WED								CS1010 TUT [D8A] COM4SR33 Weeks 3-13		
THU			CS1010 LAB [B04] COM1-B111 Weeks 3-13		GE1101E LEC [T1] LT9					
FRI	GE1101E TUT [D04] AS2-Q203 Weeks 3, 5, 7, 9, 11, 13		GE1101E TUT [D05] AS2-Q203 Weeks 3, 5, 7, 9, 11, 13							

☐ Vertical Mode
 ☐ Show Titles
 ☐ Exam Calendar

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

- **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

The screenshot displays the NUSMODS scheduler interface. At the top, a search bar is labeled with a red dashed box and an arrow pointing to it, with the text "Search modules & venues. Try 'GER' or 'LT'". To the right of the search bar is a semester navigation control labeled "Semester 1" with left and right arrows, also highlighted with a red dashed box and an arrow. Below the search bar is a sidebar with a red dashed box around it, containing links for "Today", "Timetable", "Courses", "Venues", "Settings", "Contribute", and "Whispers". The main area is a grid showing a weekly timetable from 0800 to 1700. The grid has rows for days of the week (MON to FRI) and columns for time slots. Courses are represented by colored blocks: orange for GE1101E and green for CS1010. Below the grid, there are three buttons: "Vertical Mode", "Show Titles", and "Exam Calendar", all enclosed in a red dashed box. To the right of these buttons are "Download" and "Share/Sync" buttons, also in a red dashed box. At the bottom, there is a section for "Add course to timetable" with two course cards: "GE1101E Geographical Journeys: Exploring World Environments" and "CS1010 Programming Methodology". The bottom of the interface shows "Total Units: 8 Units" and a dropdown menu for "Order" set to "Exam Date".

	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700
MON									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] COM4SR33 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							

Scheduler

Visibility

(+) Side navigation buttons with interpretable icons

(+) Search bar at the top of the page to search. Add course bar right below timetable to add course immediately without reading course details

(-) Details provided on only course code and name, with exam information.

(+) Total added credits shown at bottom of the timetable

Natural Mapping

(+) Highlighted and unhighlighted chevron for semester selection button, makes it intuitive to press to navigate

(+) Search bar with subtitle text to guide user on how to perform search

(+) Download/Sync/Share button with text to guide on the purpose of click

Constraints

(+) Different view modes for timetable (vertical and horizontal) provides user choice to match their preference

(+) Only able to move course tile to a position time on the timetable when course is offered

(-) Restriction to plan semester for only 1 academic year and not more

Error Recovery

(+) Remove button to remove course from timetable view

Standardization

(+) Icons used are consistent with common icons.

(+) Details and their format are consistent for each course

Scheduler

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

NUSMODS

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.

Grading Basis
Graded

Semester 1 Exam
No Exam

Semester 2 Exam
No Exam

Add to Semester 1

Report errors

Preclusion
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/U option for Undergraduate students only

Workload - 10 hrs

Lec	Tut	Proj	Preparation	5 hrs
1	1	1	1	1

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

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

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

[3] Scheduler

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

NUSMODS

Prerequisite Tree

GE4238
GE4239
GE4240
GE4241

needs GE1101E

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](https://github.com/nusmods) or send an email to bugs@nusmods.com.

Timetable

	Semester 1	Semester 2
0800		
0900		
1000		
1100		
1200		
1300		
1400		
1500		
1600		
1700		
MON		
TUE		

Scheduler

NUSMODS

Review and Discussion

5 Comments [Login](#)

Join the discussion...

LOG IN WITH OR SIGN UP WITH DISQUS

Best Newest Oldest

A anon9974 3 months ago

Semester Taken: AY 22/23 Sem 1
Lecturer: TC Chang, Gretchen Coffman

Expected Grade: A
Actual Grade: A+

Difficulty: 2/10
Workload: 3/10

First half of the module was human geography, second half was physical geography. Human geography lectures were more engaging but tasks were harder. Physical geography lectures were basically listening to Prof Gretchen talking about

Hi There!

We would like to encourage everyone who enjoyed using NUSMods to contribute back to the community by writing reviews for courses that you have taken before. Your efforts will go a long way in building up a vibrant and rich NUS community.

Please note:

1. Because the experience of each course will differ according to the professor teaching the course, at the start of your review, please state the semester taken and the name of the professor who taught the course in that semester.
2. Other students will read your review to get an idea of what taking the course will be like. If you'd like to give feedback about the course to NUS, please use the official Student Feedback system as NUS does not monitor these reviews.
3. The claims made in these reviews have not been verified by NUS or NUSMods. Please take all claims with a grain of salt.

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

- **Filter** → Sort feature

Scheduler

Visibility

- (+) Detailed information on course, with information on preclusions, semesters offered, etc
- (+) Flow map to show requirements to take a following course
- (+) Side sticky current page scroll navigation button with header on each section on page
- (+) Number of reviews available indicated on scroll navigation button, gives clue on reviews available to read

Natural Mapping

- (+) Sticky page scroller lets user know which section of the page they are on and navigate to a different section easily.
- (+) Buttons with text to help guide on where to go/which action to perform.
- (+) Page scroll navigation button being vertical, indicates to scroll vertically

Constraints

- (-) No option to remove an added review

Error Recovery

- (+) Remove button to remove course from timetable

Standardization

- (+) Icons used are consistent with common icons.
- (+) Colors are uniform for all course details pages
- (-) No structure for student review submission

Scheduler

NUSMODS

Today Timetable Courses Venues Settings Contribute Whispers

Course code, names and descriptions

AY2023/24, Se

Refine by Clear Filters

6789 courses found

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

Exam No Exam

Workload - 10 hrs

Lec Project Preparation

Search & Filter found records count

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

Q Add faculties filter...

Department

Q Add departments filter...

Others

Filters

Description

Scheduler

Visibility

(-) Too much details on each course provided, making it too wordy

(+) Filter headers intuitive and clear

(+) Total search results count provided

Natural Mapping

(-) 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

Constraints

(+) 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

Error Recovery

(-) No option to save filters applied

Standardization

(+) 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 navigation links: Today (active), Timetable, Courses, Venues, Settings, Contribute, and Whispers. The main content area is divided into three sections for the days of the week: Monday, 18th September; Tuesday, 19th September; and Wednesday, 20th September. The 'Today' section for Monday is highlighted with a red dashed border. It displays a weather icon (cloud), the time '8:56 AM', and a message: 'You have 7 hours till the next class. Remember to take breaks when studying. Need help finding a free classroom to study in? Check out our free room finder.' Below this, there is a green box for a class: 'CS1010 Programming Methodology Sectional Teaching 2' with an 'E-Learning' icon. The 'Tomorrow' section for Tuesday shows a weather icon (cloud with rain) and the message 'You have no lessons today'. The 'Wednesday' section for the 20th shows a weather icon (cloud with rain) and a green box for a class: 'CS1010 Programming Methodology Tutorial 08A' with the room 'COM4SR33'.

NUSMODS

MONDAY, 18TH SEPTEMBER

Today

You have **7 hours** till the next class.
Remember to take breaks when studying.
Need help finding a free classroom to study in? Check out our [free room finder](#).

8:56 AM

4:00 PM **CS1010 Programming Methodology**
Sectional Teaching 2
E-Learning

6:00 PM

TUESDAY, 19TH SEPTEMBER

Tomorrow

You have no lessons today

20TH SEPTEMBER

Wednesday

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 AY2023/24, Semester 1, Week 6

Venue Search
 Q e.g. LT27
[Find free rooms](#)

Venues

A		
AKIMAUD	Ambition_I	Ambition_II
AS1-0201	AS1-0203	AS1-0205
AS1-0207	AS1-0208	AS1-0209
AS1-0210	AS1-0211	AS1-0212
AS1-0213	AS1-0301	AS1-0302
AS1-0303	AS1-0304	AS2-0203
AS2-0204	AS2-0302	AS2-0311
AS2-0312	AS2-0313	AS2-0316
AS2-0413	AS2-0509	AS2-0510
AS2-ELAB	AS3-0208	AS3-0209
AS3-0212	AS3-0213	AS3-0214
AS3-0215	AS3-0302	AS3-0303

AS2-0413
 Seminar Room (AS2-0413) is on floor 4.

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

NUSMODS

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.

Theme
 Liven up your timetable with different color schemes!
 Protip: Press **Z/C** to cycle through the themes anywhere on NUSMods.

Timetable

	1000	1100	1200	1300	1400	1500	1600	1700
MON	ACC1006 SEC [J1] BIZ2-0509				CS2108 LEC [1] BIZ2-0509			
TUE	CS3235 TUT [2] COM1-B113	CS2108 TUT [2] COM1-0208				CS3235 LEC [1] LT15		
WED	GER1000 TUT [A19] AS1-0207 Weeks 3, 5, 7, 9, 11	CS2100 LEC [1] BIZ2-0509						

Themes: Ashes, Chalk, Eighties, Google

- Venue search** → easily view where each class is located so they can plan based on location and distance between classes
- Settings** → gives user the option to customize the view with theme of the timetable blocks and light/night mode



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.

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

The screenshot displays the NUS Class Enrollment Page. The top navigation bar includes 'My Homepage' and a search icon. The main content area is divided into eight orange tiles: 'Announcements' (No current tasks), 'My Favourites', 'Personal Info', 'Academics', 'Financials', 'Dynamic Course Registration', 'Fieldwork Management System', and 'User Guides & Useful Links'. A red dashed box highlights the 'Academics' tile, which is linked to the 'View My Classes@CourseReg' page shown in the bottom right. This page features a side navigation bar with options: 'About CourseReg@EduRec', 'View My Classes@CourseReg' (highlighted), 'Select Courses', 'Submit Course Requests', 'Select Tutorials/Labs', 'Add/Swap Tutorials/Labs', 'Drop Classes', and 'Submit Appeals/Inquiries'. The main content of the 'View My Classes@CourseReg' page shows a table of enrolled classes for the Undergraduate 2023/2024 Semester 1.

Undergraduate 2023/2024 Semester 1

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

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

< Academics View My Classes@CourseReg

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
S - S1 - 8864	Sectional Teaching	Regular	4.00
T - T04 - 8870	Tutorial	Regular	

▼ CS2040C Data Structures and Algorithms

< Academics Select Courses

Undergraduate
2022/2023 Semester 2

About CourseReg@EduRec

Select Courses

Submit Course Requests

Select Tutorials/Labs

Add/Swap Tutorials/Labs

Drop Classes

Submit Appeals/Inquiries

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:

1. To report discrepancy on **Seniority** status, contact Faculty/School/Department admins. Refer to **Contact Us** page from **CourseReg website** for contact details.
2. **Course Feedback Points** are accounted for successfully submitted credit-bearing course components of courses (exclude Yale-NUS) read in immediate past semester.
3. 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.
4. **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.
5. 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

The screenshot shows a web form titled "Select Courses". At the top left is a "Cancel" button. Below it is a "Search for Courses" section with an information icon (i). This section contains three input fields: "Subject: (select subject)", "EC", and "Catalog Nbr:". Below these is a "Course Title:" field with a placeholder "Enter search keywords (optional)". A "Search" button is at the bottom left of the search section. A red dashed box highlights the "Subject: (select subject)" field and the "Search" button. An error message dialog box is centered on the screen, stating: "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." with an "OK" button. Below the search section, there is a "Notes:" section with two items: "1. Vacancy Report from CourseReg Re" and "2. Course hosts will offer course for sele".

• **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

Example: CS1010

- Subject: CS (Note: Click on [select subject](#) to search for the Subject)
- Catalogue Number: 1010

CS1010

Subject Catalog Number

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 Re
2. Course hosts will offer course for sele

OK

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.

ed Vacancy Report.
ge from CourseReg website.

Example: CS1010

- Subject: CS (Note: Click on [select subject](#) to search for the Subject)
- Catalogue Number: 1010

CS1010

Subject Catalog Number

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

Cancel

Select Courses

Select a Class for Course CS2040 ⓘ

[View Tutorial Classes](#)

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

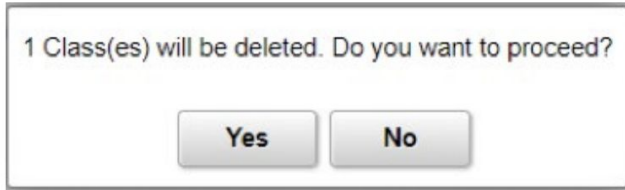
Main List

Select to Delete	Course	Class	Class Type	Session	Units	Vacancy	Students Selected	Rank	Reserve Classes
☐	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

(+) Navigation buttons on landing page are big, visible and with interpretable icons

(+) Icons on the side navigation bar

(+) Details provided on important information on respective courses with clear table structure

(+) Collapsable course details makes it easy to view more items

(+) Search field has an info button to help learn more on how to use the search field

(+) Vacancy information & number of students who selected course available to give details on space limits and popularity of a course

Natural Mapping

(+) Navigation buttons being the only visible buttons in the landing page makes it easier for user to know where to go

(+) Course details being collapsable makes it easy to navigate/scroll downwards to find course of choice

Constraints

(+) Course registration limits adds restrictions based on the program, priority and workload limits that the system stipulates

Error Recovery

(+) Back button allows to navigate to and fro

(+) Editable field for the “units”/credits of courses that the user wishes to enroll in.

(+) Error message with information on what the user can do when unsuccessful in searching for a course

(+) Course deletion process has a double-confirmation message before successful deletion

Standardization

(+) Icons used are consistent with common icons.

(+) Details and their format are consistent for each course

(-) Info button not available for all the search fields



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 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/II/P	05410 1 USER-CN RSRCH EVALN	48519 A ARC STUDIO: TH II/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	Workerger, 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

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

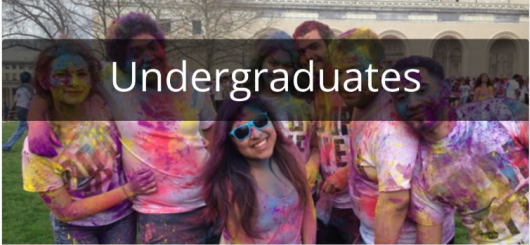
Includes name in the homepage to make the landing page more welcoming and personal

Carnegie Mellon University

Claire Xu
FAQ | Feedback | Logout

Student Information OnlineAcademic Info ▾ Course Schedule ▾ Finances ▾ My Info Campus Life ▾ Contacts

Welcome, Claire



Undergraduates

LATEST ALERTS & INFO:

- Federal Loan Borrowers: Complete MPN and Entrance Counseling
- Manage Your Student Identity
- Enroll in Online Banking for Easy Payments

Find Out More



Graduates

LATEST ALERTS & INFO:

- Federal Loan Borrowers: Complete MPN and Entrance Counseling
- Manage Your Student Identity
- Enroll in Online Banking for Easy Payments

Find Out More

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
Stellis 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:  

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

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.

Includes contact information of SIO on campus.

Home_Usability Analysis

Visibility	Natural Mapping	Constraints	Error Recovery	Standardization
(+) Webpages utilizes space efficiently with curated aesthetics (+) Visual hierarchy is clear with font and use of color (+) Organization of information is clear and informative (Grades, Schedule, Finances, Registration) (-) 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	(+) Navigation buttons are organized and easy to access at top of page (+) Navigation organized based on importance and relevance from left to right (academics → registration → finances → personal info) (+) Information organized from top to bottom, general to specific	(+) <u>Homepage only allows students to direct themselves to specific places</u> (+) <u>Limited amounts of places that students can navigate to through the homepage</u>	(+) <u>Navigation bar matches the links on the homepage, students can redirect themselves when needed</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>Color and font use are consistent</u> (+) <u>Use of images are consistent on the homepage, relevant to CMU</u>



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

Fall 2023

☒ View All Courses

☐ View Mini Courses Only

Course Level

All Levels

Teaching Location

All Locations

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.

Instructor

Use the '%' character as a wildcard

Last Name

First Name

Starting Time

All Times

Keyword

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

☒ Course Titles Only

☐ Course Titles and Descriptions

RETRIEVE SCHEDULE

RESET FORM

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.

Prompt to encourage students to search by department.

Course Search Results

Carnegie Mellon University

Schedule of Classes

Carnegie Mellon Home

The HUB

Map/Legend

Text Book Information

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

Fall 2023
X

48025 First Year Seminar: Architecture Edition I

UNITS	SECTION	MINI	DAYS	BEGIN	END	TEACHING LOCATION	BLDG/ROOM	INSTRUCTOR
3.0	A		R	12:30PM	01:50PM	Pittsburgh, Pennsylvania	MM A14	Workinger, Heather

RELATED URLS

<http://soa.cmu.edu/>
<https://soa.cmu.edu/courses>

SPECIAL PERMISSION REQUIRED

No

Description:

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.

PREREQUISITES

None

COREQUISITES

None

CROSS-LISTED COURSES

None

NOTES

None

Reservations

SECTION	RESTRICTION
A	Some reservations are for Students in ARC

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

- (+) Clear inputs and labeled guidance for course search
- (+) Table of search results presenting relevant information of courses
- (+) Clear inputs and labeled guidance for course search
- (+) Background is grayed out for course details, making it easier to focus on presented information

Natural Mapping

- (+) Course details are separate from the list, making it easier to scroll through list and open specific courses of interest

Constraints

- (+) Students can only modify inputs given on the search page
- (+) Table with minimum user action makes it intuitive for users to scroll and look at relevant information
- (+) Only course numbers are clickable to show course details, making it more intuitive for students

Error Recovery

- (+) Course details are pop-up cards, allows students to easily return to course search list
- (-) Students need to manually click back to the course search page to change input.

Standardization

- (+) Color, font, spaces used are consistent.
- (+) Details and their format are consistent for each course



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

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	05410 1 USER-CN RSRCH EVALN		05410 1 USER-CN RSRCH EVALN		
1:00 PM		48519 A ARC STUDIO: TH II/IP		48519 A ARC STUDIO: TH II/IP	

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.

Plan Course Schedule

Create or delete planned schedule

Carnegie Mellon University

Claire Xu
FAQ | Feedback | Logout

Student Information Online

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

Plan Course Schedule

Print This Page

Plan New Schedule Delete this planned 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.

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					
10 AM	05-360 :: A Interaction Design for Human-Computer Interaction		05-360 :: A Interaction Design for Human-Computer Interaction		
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
A 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 (+) Presents only relevant time/day when classes are held (+) Classes shown week by week for better visibility (+) <u>Classes are distinguished by color, easy to see which classes are which</u> (-) <u>Schedule is not visible as a whole on the page, need scrolling</u>	(+) Use of a calendar helps users to understand class times easier (+) Division of calendar by hours and 30 minute intervals with the table helps to visually interpret the class times (-) <u>Inputs are not available to customize the information presented in the schedule.</u>	(+) <u>Students can only look at the course information in the semester schedule</u>	(+) <u>Courses can be easily removed or changed (sections)</u> (-) <u>Once a course is removed, students need to manually search for it again to bring it back.</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>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>



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

Claire Xu
FAQ | Feedback | Logout

Student Information Online

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

Registration for Fall 2023

Print This Page

Planned Schedule
new schedule ▾
for Semester:
Fall 2023 ▾

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.

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 DVLPMNT 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

(+) Student's planned calendar are directly used to register, easily visible

(+) Separation of planned courses, registered and waitlisted courses helps to serve good visual comparisons

(+) Highlight of notice banner on top of screen presents useful information about registration status

(+) Sub column on the right presents alternative option of registering a class not included in planned calendar

(-) Registration action buttons are not visible and designed to be very small

Natural Mapping

(+) Effective use of icons for buttons (gear wheel to indicate action items for what to do with a class)

(+) Clicking on drop downs will present a drop down list, fits user expectations

Constraints

(+) Students can only modify or register one class at a time

(+) Students can only register for classes in their designated time slots (shown in the yellow notice banner)

Error Recovery

(+) Attempt at presenting an error message when registration for a specific course fails.

(+) Add, drop, waitlist options are all on the same page, easy error recovery for registration.

(-) Error messages presented (such as waitlist full, change to another class or contact staff) doesn't provide recovery steps.

Standardization

(+) Consistent font, color and table used for showing classes

(+) Distinction between interactive elements and informative elements are clear (buttons vs pure text)

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

Print This Page 

Select a semester: Fall 2022 ▾					
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](#)

Your Waitlisted Courses

This page displays your waitlist course history for the selected semester. The off date is the date that you were removed from the waitlist, either to be registered or dropped from the waitlist.

If you believe that you have been removed from a waitlist in error, please contact the teaching department.

Header

Navigation Bar

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.

Dropped Courses

Carnegie Mellon University

Claire Xu
FAQ | Feedback | Logout

Student Information Online

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

Dropped Courses

Print This Page 

Select a semester: Spring 2023 ▾

SEM	COURSE	UNITS	DROP DATE	DROPPED BY
S23	05650 C	12	22 Nov 2022	Nicole Willis
S23	48510 I	0	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.

Header

Navigation Bar

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.

Quick Links

Connect:  



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

Print This Page 

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
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Verify Your Enrollment

Some organizations, such as health insurance providers or potential employers, require verification from Carnegie Mellon that you are enrolled or that you have been awarded a degree.

When ordering a PDF, please temporarily disable your browser's pop-up blocker.

[» Request Enrollment Verification](#)

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.