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TERM *

Select term ▼

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Type a catalog number
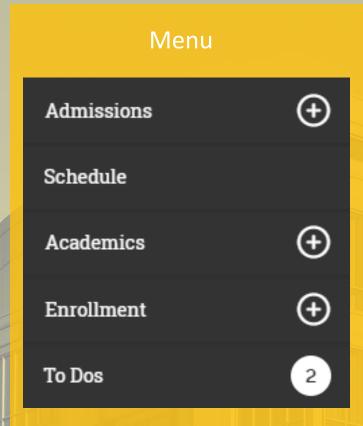
INSTRUCTION MODE *

Select instruction mode ▼
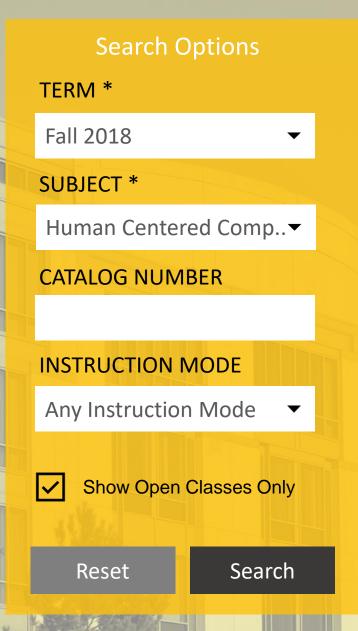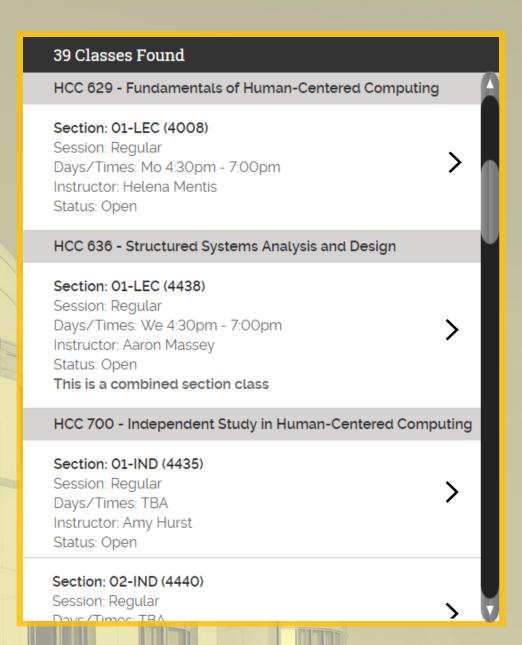
☑ Show Open Classes Only

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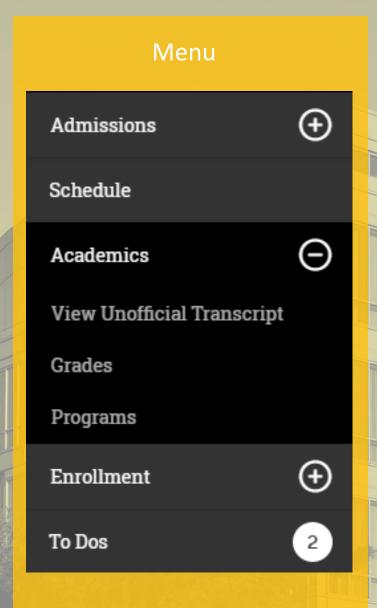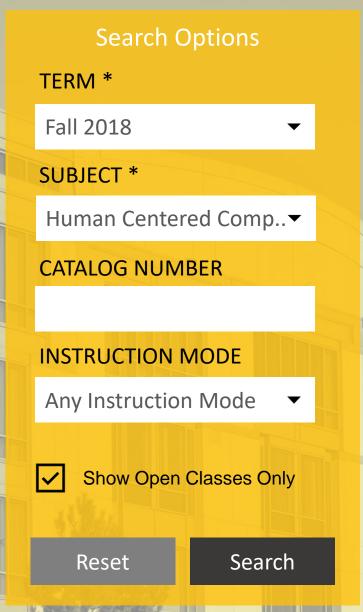Please complete the form to the left to find the classes offered

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39 Classes Found

HCC 629 - Fundamentals of Human-Centered Computing

Section: 01-LEC (4008)
Session: Regular
Days/Times: Mo 4:30pm - 7:00pm
Instructor: Helena Mentis
Status: Open
>

HCC 636 - Structured Systems Analysis and Design

Section: 01-LEC (4438)
Session: Regular
Days/Times: We 4:30pm - 7:00pm
Instructor: Aaron Massey
Status: Open
This is a combined section class
>

HCC 700 - Independent Study in Human-Centered Computing

Section: 01-IND (4435)
Session: Regular
Days/Times: TBA
Instructor: Amy Hurst
Status: Open
>

Section: 02-IND (4440)
Session: Regular
Days/Times: TBA
>

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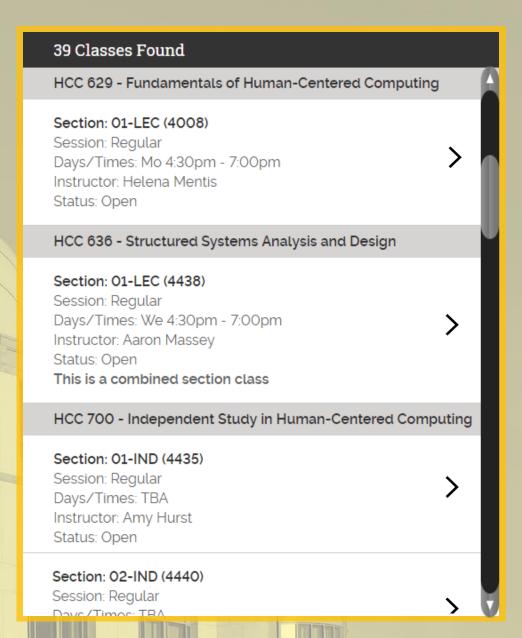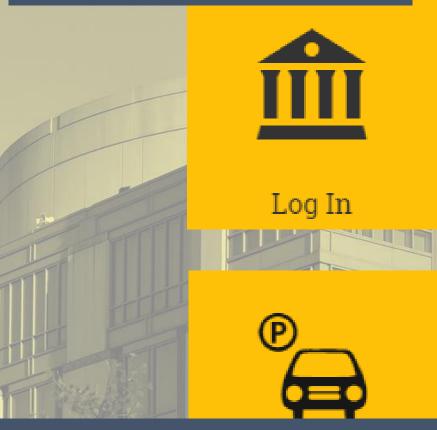Days/Times: TBA

>

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LOW PHYSICAL EFFORT

The effort to use or the fatigue is reduced in this redesign as users would feel comfortable to navigate through the pages and elements with the help of accessibility.

EQUITABLE USE

The redesign is useful for people with a range of abilities.

Blind users rely on assistive technology such as screen readers.

SIZE AND SPACE FOR APPROACH AND USE

Regardless of body type, posture or motor disabilities, this redesign uses higher font and element size to assist people to use it on a desktop and even a small handheld touch device.

FLEXIBILITY IN USE

The layout is in a grid so that it is adaptable to user customizations and different screen sizes.

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SIMPLE AND INTUITIVE TO USE

The redesign is intuitive to use regardless of knowledge / experience / level of concentration.

Labels and select input section placeholders help.

Please complete the form to the left to find the classes offered

The menu bar is by default collapsed and on click of the whole section it pushes the right 2 sections to show the menu content.

This collapsible menu will help in effective usage of screen area thus aiding **flexible** design.

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Type a

The elements are highlighted with a blue border indicating that the user can tab through multiple select items sequentially by having **tab-index** for elements so that the element is focusable in sequential keyboard navigation.

INSTRUCTION MODE *

Select instruction mode ▼

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KEYBOARD ACCESSIBILITY

Expert users prefer keyboard commands for efficiency, while users with certain disabilities(motor impairment having difficulty with fine movements required to use mouse) have no choice but to use the keyboard.

When users navigate through the keyboard, the access to the links on the screen is sequential and accessed by tabbing and using arrow keys through elements one by one before reaching an input/action element of interest.

Blind users rely on assistive technology such as screen readers.

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TOLERANCE FOR ERROR

Minimizing damage or unintended behavior.

The form elements are highlighted in red for error scenarios.

Even the content section to the right with red text talks about the error in the select options section.

Mandatory fields are marked with (*) next to labels.
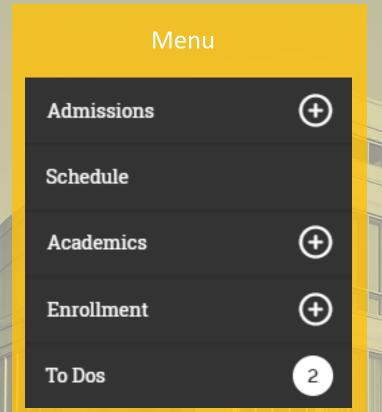"**Any Instruction Mode**" is the default selected option.

Please select the subject

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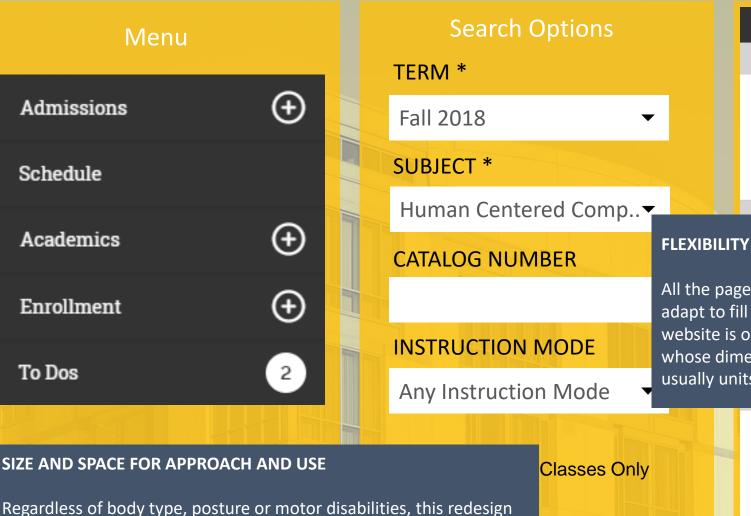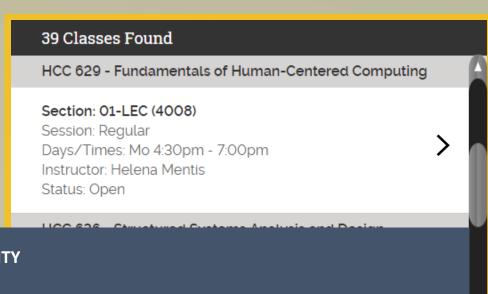
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Section: 02-IND (4440)
Session: Regular
Days/Times: TBA

FLEXIBILITY

All the pages in the redesign are built on a responsive grid layout that adapt to fill browser window if the browser width is decreased or the website is opened on a tablet or phone. There are no elements whose dimension values in **px**(pixel), rather they are in **em** and % - usually units used by the developers for applying CSS styles.

SIZE AND SPACE FOR APPROACH AND USE

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Days/Times: TBA ›

PERCEPTIBLE INFORMATION

Regardless of environmental conditions – dark / light, users will have the ability to view all the displayed information and elements.

USER CONTROL

No text graphics used across the pages and no fixed width used.

I am using white, black, yellow to maintain UMBC branding. Also using contrast, transparency and adequate spacing between elements.

All the pages are in a responsive grid layout which reduce to lesser columns and mainly rows in a mobile layout.