

Release Notes, proj-courses, w24-5pm-2

In this build, we've taken a focus on simplifying navigation on our courses app for users. Previously, users were required to memorize enroll codes in order to add courses to their personal schedules, which involved a convoluted process of constantly clicking on dropdown menus and switching between tabs with too-similar titles. In addition, when clicking the tab for a given course's info tab, user's were met with a disappointing lack of information on the course that they could already see from the course search page.

> When users click on the info button on any given course, they are now taken to a page that gives a

description for the contents of said course. In addition, the formatting of the page has been changed to be

more pleasing to the eye.

> Users can now select a course from the Course Search and add it to their personal schedule directly.

- a) If no personal schedules exist, users will be prompted to create one first.
- b) Otherwise, a dropdown schedule will appear so the user may select which Personal Schedule they would like to add the course to.

> The Personal Schedule dropdown tab has been changed to a set of links ([Personal Schedules & Courses](#))

>**Personal Schedules** now directs the user to a list of their personal schedules

- a) If the user does not yet have a Personal Schedule, a button is now available to take them directly to what was previously the Add Schedule option.
- b) Users can now directly remove courses from a Personal Schedules' edit page.
- c) Users can now edit the name and description of their Personal Schedules.

>**Courses** now directs the user to a list of their saved courses.

- a) If the user does not have any associated courses, a button is now available to take them directly to what was previously the Add Course option.
- b) When attempting to add a course without a personal schedule, a link now appears to the add schedule page for ease of use.

> Previously, users would experience a bug when attempting to load Graduate courses in the Course Search

where Undergraduate courses would still appear alongside them. This bug has been patched.

Dev. Info : Additional Changes

Some new features have been added to create a more streamlined experience for those looking to help develop the Courses app further:

> The admin dropdown now contains a developer link containing relevant GitHub information.

> A new frontend job has been created to update the information of all courses in a specified range of quarters; Course History Search will now allow you to search for a course's info if it is within the specified course range.

Features added in version w24-5pm-2

- There is now an option to **add a course to a schedule** directly from the course search page.

Welcome to the UCSB Courses Search App!

Quarter	Subject Area	Course Level
<input type="text" value="W22"/>	<input type="text" value="ANTH - Anthropology"/>	<input type="text" value="Undergrad-All"/>
<input type="button" value="Submit"/>		

Course ID	Quarter	Title	Status	Enrolled	Location	Days	Time	Instructor	Enroll Code	Info
ANTH 2	W22	INTRO CULT ANTHRO	Open	450/475	IV THEA1	M W	11:00 AM - 12:15 PM	WERTH S	00018	
ANTH 2	W22	INTRO CULT ANTHRO	Open	24/25	HSSB 1231	M	8:00 AM - 8:50 AM	USMAN R	00026	
ANTH 2	W22	INTRO CULT ANTHRO	Full	25/25	SH 1609	M	9:00 AM - 9:50 AM	MITCHELL S T	52720	
ANTH 2	W22	INTRO CULT ANTHRO	Full	25/25	PHelp 2532	M	2:00 PM - 2:50 PM	LINVILLE D D	52738	
ANTH 2	W22	INTRO CULT ANTHRO	Open	22/25	387 1015	M	3:00 PM - 3:50 PM	IOANNIDES M J	52746	
ANTH 2	W22	INTRO CULT ANTHRO	Full	25/25	HSSB 2251	T	8:00 AM - 8:50 AM	MITCHELL S T	52753	
ANTH 2	W22	INTRO CULT ANTHRO	Open	20/25	BUCHN 1934	F	8:00 AM - 8:50 AM	MALINDINE J B	52761	

The add button populates for sections and lectures without sections when the user is signed in.

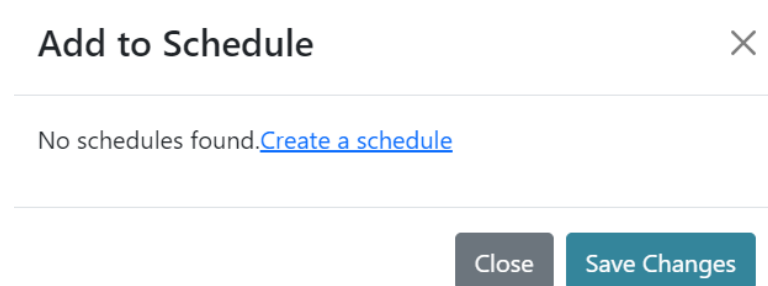
Add to Schedule

×

Select Schedule

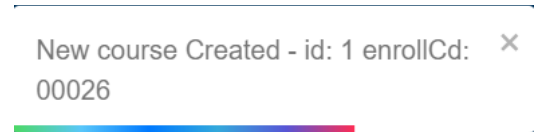
Schedule

Upon clicking add for a course, a modal appears, allowing the user to select their desired schedule from a dropdown menu.

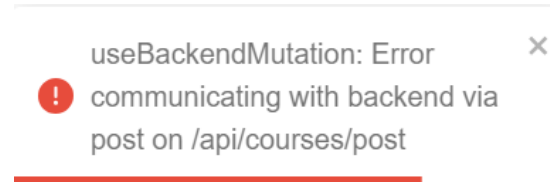


If the user has no personal schedules created, the modal displays a link to the schedule creation page.

If the course is successfully added to the schedule, a toast pops up indicating such.



Otherwise,



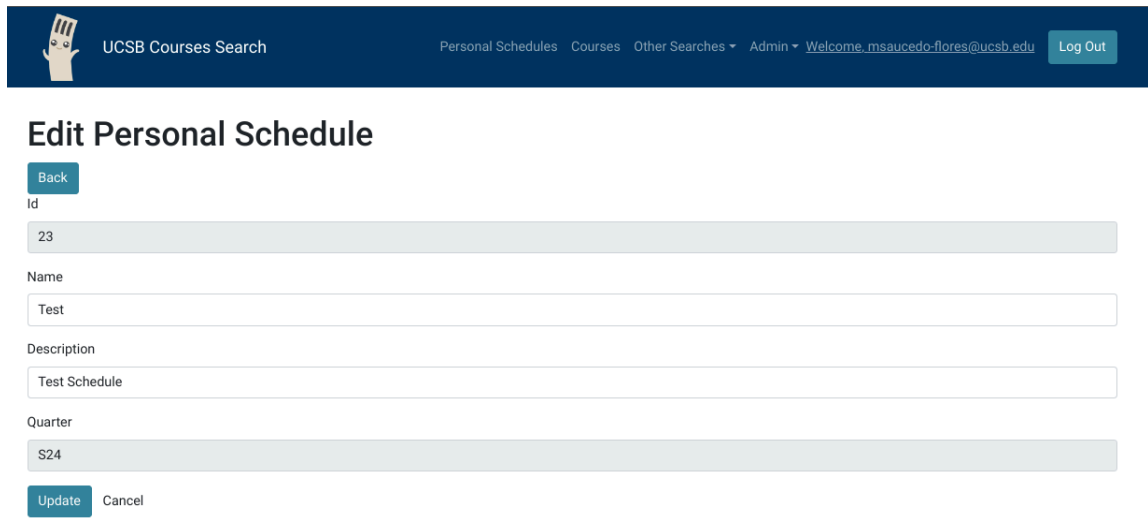
(For future devs: this error message is not very descriptive. In this case, the course being added was a duplicate. It would be helpful for the user to see this in the Toast)

Bug: The add button does not currently appear for all courses without sections, but it should (inverting a couple of values in SectionsTable.js should suffice to fix this).

ANTH 99	W22	INDEPENDENT STUDIES	Open						00463	Add
ANTH 99	W22	INDEPENDENT STUDIES	Open	3/10				SMITH S T	72843	
ANTH 99	W22	INDEPENDENT STUDIES	Open	7/10				BROWN M	76448	
ANTH 99	W22	INDEPENDENT STUDIES	Open	1/10				FORD A	81034	

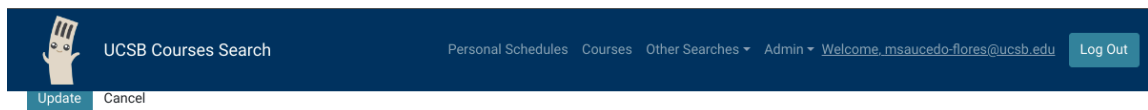
- There is now an option to **delete a course** directly **from a personal schedule's edit page**, along with the ability to rename the schedule.

Previously, a placeholder was shown when a user clicked the Edit button when viewing their list of personal schedules. This has now been implemented.



The screenshot shows the 'Edit Personal Schedule' form. At the top is a dark blue header with the UCSB Courses Search logo, navigation links (Personal Schedules, Courses, Other Searches, Admin), a user welcome message, and a Log Out button. The form itself has a title 'Edit Personal Schedule' and a 'Back' button. It contains four input fields: 'Id' (pre-filled with 23), 'Name' (pre-filled with Test), 'Description' (pre-filled with Test Schedule), and 'Quarter' (pre-filled with S24). At the bottom are 'Update' and 'Cancel' buttons.

The ID and Quarter cannot be changed, but users can now change the name and descriptions for their personal schedules.



This screenshot shows the top and bottom sections of the application. The top section is the same dark blue header as in the previous image. The bottom section shows the 'Update' and 'Cancel' buttons from the form above.

Courses

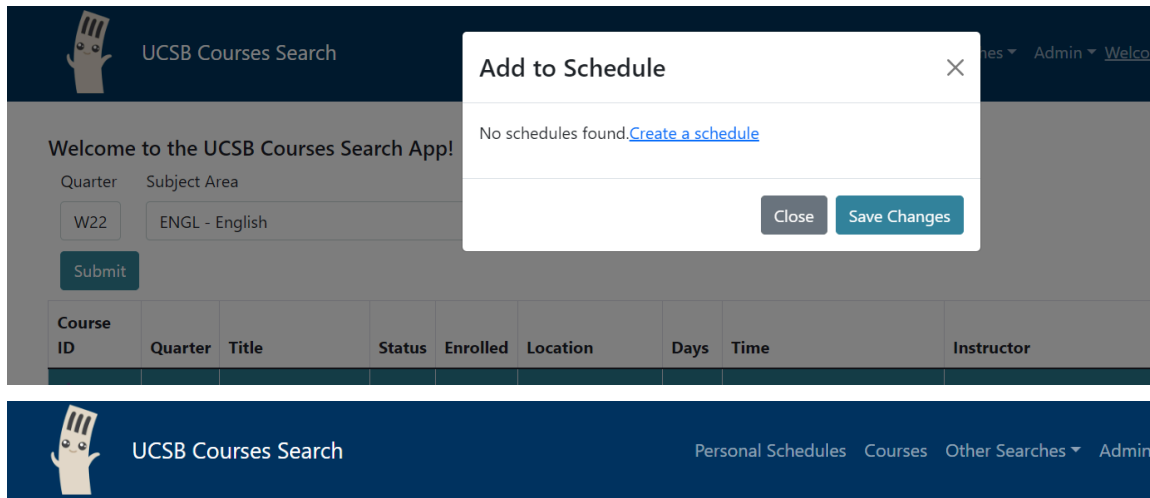
id	Enrollment Code	Personal Schedule ID	Delete
4	57117	23	<button>Delete</button>
5	11783	23	<button>Delete</button>

This app is a class project of [CMPSC 156](#) at [UCSB](#). Check out the source code on [GitHub](#)! This is not an official source of UCSB course information. An official source can be found [here](#).

There is a table at the bottom showing all courses with a functional delete button. In the future, it would be good to include the name of the course to avoid confusion for the user on what they're deleting.

- A more **descriptive error message** is now given when the user attempts to add a course without a personal schedule

In the past when the user attempted to add a course without a personal schedule the error message that was displayed was just text that said "Error." Now when the user attempts to do this a message pops up that tells the user there are no schedules found, as well as displays a link that allows the user to create a schedule.



The image shows the UCSB Courses Search App interface. At the top, there's a dark blue header with the UCSB logo and the text "UCSB Courses Search". Below the header, there's a "Welcome to the UCSB Courses Search App!" message. To the right of the welcome message, there's a modal window titled "Add to Schedule" with a close button (X). The modal contains the text "No schedules found. [Create a schedule](#)" and two buttons: "Close" and "Save Changes". Below the modal, there's a search form with "Quarter" (W22) and "Subject Area" (ENGL - English) dropdowns, a "Submit" button, and a table with columns: Course ID, Quarter, Title, Status, Enrolled, Location, Days, Time, and Instructor. The table is currently empty.

Create New Course

Enrollment Code

08078

Schedule

[Create](#) [Cancel](#)

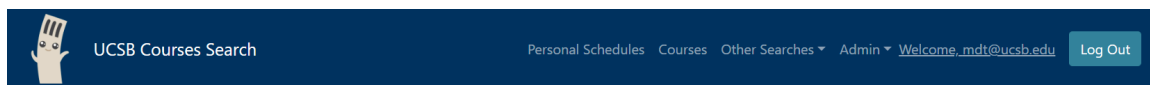
Error: Personal schedule not found. Please [create a new personal schedule](#) first.

- On the course details page there is now a **description of the course** displayed

When looking at the courses on the main page you can look at the course's details page by clicking on the information symbol on the far right.

HIST 9	W22	HISTORICAL METHODS	Full	31/30	PHelp 1440	M W	11:00 AM - 12:15 PM	LANSING C L	26500	Add	i
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The details page will now display the description of the course along with the rest of the course's information on this page.



The image shows the UCSB Courses Search App interface. At the top, there's a dark blue header with the UCSB logo and the text "UCSB Courses Search". Below the header, there's a "Welcome to the UCSB Courses Search App!" message. To the right of the welcome message, there's a modal window titled "Add to Schedule" with a close button (X). The modal contains the text "No schedules found. [Create a schedule](#)" and two buttons: "Close" and "Save Changes". Below the modal, there's a search form with "Quarter" (W22) and "Subject Area" (ENGL - English) dropdowns, a "Submit" button, and a table with columns: Course ID, Quarter, Title, Status, Enrolled, Location, Days, Time, and Instructor. The table is currently empty.

Course Details for HIST 9 W22

Course ID	Enroll Code	Section	Title	Enrolled	Location	Days	Time	Instructor
HIST 9	26500	0100	HISTORICAL METHODS	31/30	PHelp 1440	M W	11:00 AM - 12:15 PM	LANSING C L

Course Description


Through studying a particular topic in history, students gain insight into historical methods and skills. Course designed for freshmen and sophomore history majors or prospective majors. Others may enroll by permission of instructor. Topics vary by quarter and instructor.

Previously the page would look like this:

Course Details for HIST 9 W22

Course ID	Enroll Code	Section	Title	Enrolled	Location	Days	Time	Instructor
HIST 9	26500	0100	HISTORICAL METHODS	31/30	PHelp 1440	M W	11:00 AM - 12:15 PM	LANSING C L

- There is now a frontend for the job to **update all courses in a range of quarters**


UCSB Courses Search

[Personal Schedules](#)
[Courses](#)
[Other Searches](#)
[Admin](#)
[Welcome_oliviachen@ucsb.edu](#)
[Log Out](#)

Update Courses Database

Update Courses Database by quarter

Update Courses Database by quarter range

Start Quarter

End Quarter

W22


S22

Update Courses

Update Grade Info

Job Status

Once you click ‘Update Courses’, the Course History Search will allow you to search for courses with restrictions on a Start Quarter and End Quarter


UCSB Courses Search

[Personal Schedules](#)
[Courses](#)
[Other Searches](#)
[Admin](#)
[Welcome_oliviachen@ucsb.edu](#)
[Log Out](#)

Welcome to the UCSB Course History Search!

Start Quarter

End Quarter

Subject Area

W22

W22

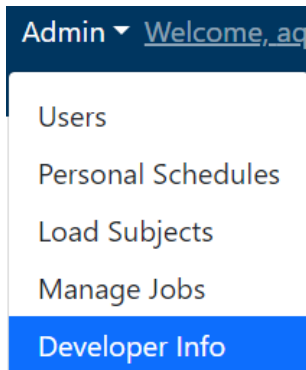
ANTH - Anthropology

Course Number (Try searching '16' or '130A')

Submit

Quarter	Course ID	Title	Status	Enrolled	Location	Days	Time	Instructor	Enroll Code	Info
---------	-----------	-------	--------	----------	----------	------	------	------------	-------------	------

- There is now a **developer link for admins** to developer/Github information under the Admin dropdown



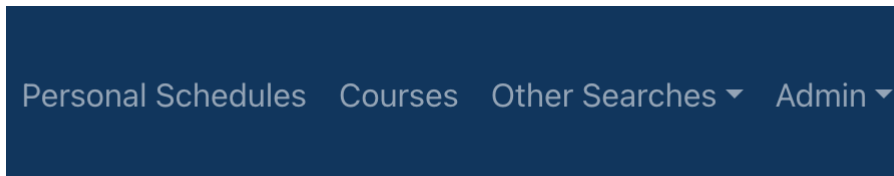
Github Branch Information

The following SystemInfo is displayed in a JSON file.

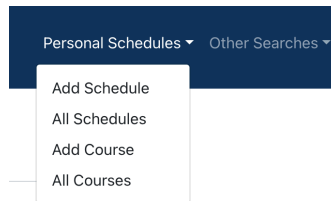
```
{
  "root": {
    "items": [
      {
        "springH2ConsoleEnabled": "bool false",
        "showSwaggerUILink": "bool false",
        "startQtrYYYYQ": "string \"2021\"",
        "endQtrYYYYQ": "string \"2022\"",
        "sourceRepo": "string \"https://github.com/ucsb-cs156/proj-courses\"",
        "commitMessage": "string \"${git.commit.message.short}\"",
        "branch": "string \"${git.branch}\"",
        "commitId": "string \"${git.commit.id}\""
      }
    ]
  }
}
```

- Refactored Personal Schedule navigation**

The navigation bar at the top of the page has been updated to include two new links.




Originally we only had a dropdown box which contained everything, refactoring the navigation allows the users to access the personal schedule pages and course pages faster



by just a simple click.

The first link “Personal Schedules,” directs the user to a page where they can view all current schedules and create a new one using the “add new personal schedule” button at the bottom of the page.


UCSB Courses Search
Personal Schedules
Courses
Other Searches
Admin
Welcome, jiagiguan@ucsb.edu
Log Out

Personal Schedules

id	Name	Description	Quarter	Details	Edit	Delete
<div>Add New Personal Schedule</div>						

The second link “Courses,” directs the user to a page where they can view all courses within their personal schedules and add a new one using the “add a new course” button at the bottom of the page.

Courses

id	Enrollment Code	Personal Schedule ID	Delete
Add New Course			

- There is a **Back Button** to **All Personal Schedule** inside the personal schedule Edit & Details page
We implemented "Back" buttons on the Personal schedule Details & Edit pages, so that users don't need to use the Navbar to view different schedules.

Edit Personal Schedule

Back

Personal Schedules Details

id	Name	Description	Quarter
8	example	winter class	W22

Sections in Personal Schedule

Course ID	Enroll Code	Section	Title	Enrolled	Location	Days	Time	Instructor
-----------	-------------	---------	-------	----------	----------	------	------	------------

Back

- Added an **Edit Page to Personal Schedules**
We implemented an Edit Personal Schedules page where the user can first create their personal
schedule with their given courses and be able to delete the courses matched to that
schedule in the
Edit Page.

Personal Schedules

id	Name	Description	Quarter	Details	Edit	Delete
1	CS111	Matrix Computation	W22	Details	Edit	Delete

Add New Personal Schedule

Edit Personal Schedule

Back

Id

1

Name

CS111

Description

Matrix Computation

Quarter

W22

Courses

id	Enrollment Code	Personal Schedule ID	Delete
5	08276	1	Delete
6	08250	1	Delete

Bug Fixes

- Removed exclamation point** from courses for better readability for users

We removed the exclamation point after the course title, so it says:

‘ Course Details for CMPSC 5A S22 ’

Instead of:

‘ Course Details for CMPSC 5A S22! ’

Course Details for CMPSC 5A S22

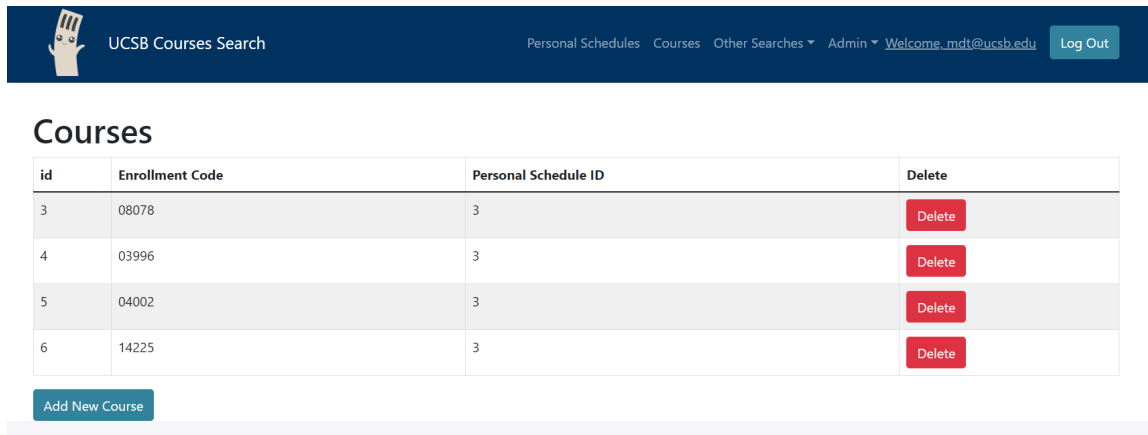
Course ID	Enroll Code	Section	Title	Enrolled	Location	Days	Time	Instructor
CMPSC 5A	59600	0100	INTRO DATA SCI 1	81/90	ELLSN 2617	T R	5:00 PM - 6:15 PM	SOLIS S W

Course Description

Introduction to data science methods and Python programming language for st udents with little to no experience in the subjects. Topics include foundat ional programming concepts, problem-solving strategies and code design, and data science concepts as table operations, exploratory data analysis, basi c probability.

- **Deleting a personal schedule now deletes its associated courses**, causing less clutter in the Courses tab

When adding courses to a personal schedule they are listed on the “All Courses” page like this:

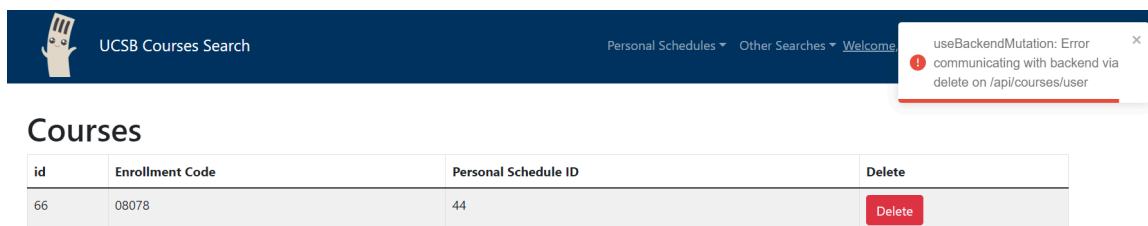


The screenshot shows the UCSB Courses Search interface. At the top is a dark blue header with the UCSB logo, the text "UCSB Courses Search", and navigation links: "Personal Schedules", "Courses", "Other Searches", "Admin", "Welcome_mdt@ucsb.edu", and a "Log Out" button. Below the header, the title "Courses" is displayed. A table lists four courses, each with an "id", "Enrollment Code", "Personal Schedule ID", and a "Delete" button. Below the table is an "Add New Course" button.

id	Enrollment Code	Personal Schedule ID	Delete
3	08078	3	Delete
4	03996	3	Delete
5	04002	3	Delete
6	14225	3	Delete

Add New Course

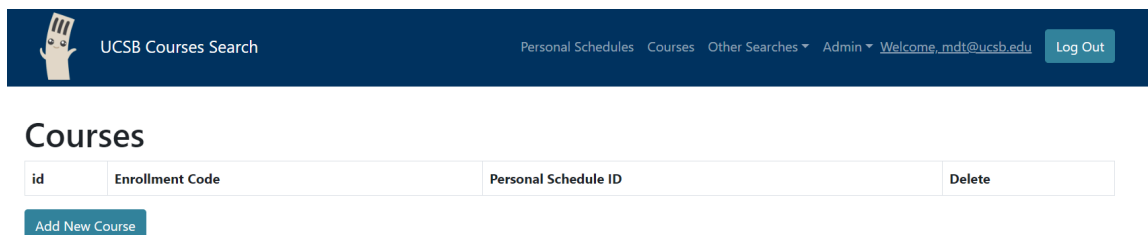
Before, if the personal schedule that contained these courses was deleted you would be unable to delete the respective courses within that schedule. If you attempted to delete a course after deleting the personal schedule containing the course you would receive an error like this:



The screenshot shows the UCSB Courses Search interface with an error message displayed in a red box. The error message reads: "useBackendMutation: Error communicating with backend via delete on /api/courses/user". Below the error message, the title "Courses" is displayed. A table lists one course, with an "id", "Enrollment Code", "Personal Schedule ID", and a "Delete" button.

id	Enrollment Code	Personal Schedule ID	Delete
66	08078	44	Delete

This has been fixed so that whenever a personal schedule is deleted all the courses that have been added to that schedule will be deleted as well. In this example there was only a single personal schedule, so once that was deleted there were no courses left on the “All Courses” page.




The screenshot shows the UCSB Courses Search interface. At the top is a dark blue header with the UCSB logo, the text "UCSB Courses Search", and navigation links: "Personal Schedules", "Courses", "Other Searches", "Admin", "Welcome_mdt@ucsb.edu", and a "Log Out" button. Below the header, the title "Courses" is displayed. A table with four columns: "id", "Enrollment Code", "Personal Schedule ID", and "Delete" is shown, but it is empty. Below the table is an "Add New Course" button.

id	Enrollment Code	Personal Schedule ID	Delete
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Add New Course

- Users can now **search for graduate level** courses properly.
Previously when a user attempted to filter their search to graduate classes only and refreshed the page it would display both undergraduate and graduate courses. Now when the page is refreshed it continues to show only graduate classes

 UCSB Courses Search

Personal Schedules Courses Other Searches ▾ Admin ▾ [Welcome_mdt@ucsb.edu](#) [Log Out](#)

Welcome to the UCSB Courses Search App!

Quarter Subject Area Course Level

[Submit](#)

Course ID	Quarter	Title	Status	Enrolled	Location	Days	Time	Instructor	Enroll Code	Info
HIST 200AS	W22	HISTORICAL LIT	Open	5/12	HSSB 4020	T	9:00 AM - 11:50 AM	MCDONALD K L	54379 Add	i
HIST 200G	W22	HIST LIT WMN GN SEX	Open	2/12	HSSB 2252	W	2:00 PM - 4:50 PM	HENDERSON J G	54387 Add	i
HIST 201C	W22	ADVANCED HIST LIT	Open	3/12	HSSB 4041	R	10:00 AM - 12:50 PM	WARE R T	54395 Add	i