Querying Section Info for all Scheduled Buildings/Rooms in Banner (SSAMATX)

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Use of SSAMATX

The Building/Room Schedule Form (SSAMATX) can be used to display timetable and building/room information for all scheduled course sections and non-academic events in the system. For those who are not familiar with SSASECT, SSAMATX is used in both Class Schedule and Location Management. Since both modules use the same tables and database, you cannot inadvertently double book a room. The form is accessible from the Banner menu and is also associated with SSASECT under the options menu.

If you search using any of the fields and Execute Query, you will get a list of everything in the database that matches that field. You can get lists of: all roombookings in a particular building, all roombookings in a particular room, a particular time slot, any combination of place and time, all sections for your department, all cancelled sections, etc.

Building	Room	Campus	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Subject	Course	CRN	Cross List	Function

Note

Note the scroll bar at the bottom. There is a section in the middle which is not evident without scrolling. In addition to the days of the week, this section includes the time slots, the term, and the date range.

Any individual field or combination can be used to find scheduled room usage. The form is typically used to verify a room's schedule to avoid room

conflicts. It is important to be aware that in order to get accurate results, certain precautions should be undertaken.

Banner is used to book academic and non-academic events, but they do not use all fields in the same manner. The **Term** field, notably, indicates the academic term for course scheduling, but the word 'EVENT' is entered in this same field for all non-academic use. Consequently, avoid entering criteria in this field when performing any query, unless expressly desired, in order to capture all room use. (I.e. Using a term such as 200609 would miss any non-academic events and using 'Event' in this field would only return event listings). Likewise, querying a selection of days may miss individual days (I.e. querying MWF misses MW bookings only or M or W bookings). Consequently, it is better to query on one day at a time.

Querying timeslots will return any matching results that overlap the indicated times.

Example: The three screen shots below display all of the fields in the scrolled section used for the query. Note that three days have been selected. When the query is executed, Banner returns no results.

Building	Room	Campus	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Subject	Course	CRN	Cross List	Function
PL3647	101		✔	☐	✔	☐	✔	☐	☐					
			☐	☐	☐	☐	☐	☐	☐					

Building	Room	Campus	Begin Time	End Time	Term	Subject	Course	CRN	Cross List	Function
PL3647	101		0835	0925						

Building	Room	Campus	Start Date	End Date	Subject	Course	CRN	Cross List	Function
PL3647	101		04-SEP-2006	15-DEC-2006					

FRM-40301: Query caused no records to be retrieved. Re-enter.

Record: 1/1 | | Enter-Qu... | List of Valu... | | | <OSC>

However, if only one day is selected (Wednesday & keeping all the other criteria above), the result is different, and the resulting scheduled course does not use the same time slot but it does overlap with the queried slot.

Building	Room	Campus	Meeting Patterns Days	Times	Subject	Course	CRN	Cross List	Function
PL3647	101	1	W	0905-1205	BIOE	680	2245		

Query Procedure

1   Open the form SSAMATX either from the **Go To** field or from the options menu once in the **Meeting Time** block of SSASECT.

2   Enter the desired search criteria keeping in mind the query issues noted on the previous page.

- Avoid using the Term field if querying to verify no room conflicts exist (double bookings, time slot overlaps).
- Query based on individual days of the week as opposed to groups of days
- Avoid using any wild card characters as criteria in anything other than the last position of the search criteria (e.g. BI% for BIOL; 3% for course numbers; etc.)

3   **F8** or execute the query from the toolbar.

- The results will display in a scrolling list if any scheduled room use matches the stated criteria.

Building	Room	Campus	Meeting Patterns Days	Times	Subject	Course	CRN	Cross List	Function
BRONF	05	1	M	1305-1455	MGCR	222	1095		
BRONF	151	1	MW	1135-1255	MGCR	211	1079		
BRONF	151	1	MW	1305-1425	MGCR	271	1097		
BRONF	178	1	M	1005-1255	FINE	703	4257		
BRONF	178	1	MW	1305-1425	INSY	605	4220	CX	
BRONF	178	1	MW	1305-1425	INSY	333	1031	CX	
BRONF	179	1	MW	1135-1255	ACCT	351	4167		
BRONF	179	1	MW	1305-1425	ACCT	352	7332	IY	
BRONF	179	1	MW	1305-1425	ACCT	623	7789	IY	
BRONF	204	1	MW	1135-1255	INDR	459	2555		
BRONF	204	1	MW	1305-1425	MGCR	612	1143		
BRONF	26	1	M	0905-1655	ORGB	633	3616		
BRONF	29	1	MW	1135-1255	MGCR	352	1114		
BRONF	29	1	MW	1305-1425	MGCR	352	1115		

The example below shows the results of a query which excluded the **Term**

Building	Room	Campus	Term	Begin and End Dates	Subject	Course	CRN	Cross List	Function
ARTS	150	1	200609	05-SEP-2006/09-OCT-2006	ECON	227D1	1929		
ARTS	150	1	200609	11-OCT-2006/05-DEC-2006	ECON	227D1	1929		
ARTS	150	1	EVENT	07-DEC-2006/22-DEC-2006			B0504		

field, capturing both academic and non-academic bookings.

Depending on the field(s) used to query, you can get lists of:

roombookings by BLDG

roombookings by ROOM

roombookings by DAYS

roombookings by time

roombookings by Term.

roombookings by Start/End Dates

roombookings by Function ..

BLDG, ROOM, CAMPUS, DAYS, TIMES, START/END DATES, SUBJ, CRSNUM, CRN, CL Groupcode and, **FUNCTION**. The fields in bold will be used when searching for both Class Schedule and Location MGMT bookings. The fields in italics relate only to Class Schedule roombookings.