

## Optimizer Availability and Placement Reports

The Schedule25 Optimizer includes two downloadable reports from the Optimize and Assign step. These reports are downloaded in .xml format, which can be opened in a spreadsheet application like Excel.

### Availability Report

The availability report (S25SpaceAvail.xml) is produced after the Optimize step is complete. It gives you an idea of what your locations' availability would look like in 25Live if you were to accept all of the suggested results.

Optimization Results	
Placed classes:	45
Average utilization:	89.52%
Overall utilization:	89.52%
Not placed:	0
Impossible to place:	0
See availability after all placements are accepted:	<a href="#">View Report</a>

*Image: The View Report button is below the Optimization Results.*

Download the report with the View Report button

### Reading the Report

In the downloaded report, each column represents a different location in 25Live, with sub-columns for each day of the week. (M = Monday, T = Tuesday, W = Wednesday, R = Thursday, F = Friday, S = Saturday, U = Sunday)

Each row represents a meeting pattern, including the start/end times and the total duration in minutes. Meeting patterns are automatically determined based on the results of the Optimizer's event search. Each unique start and end time is listed in the report.

Whenever a cell is empty this means that the location is unavailable during that meeting pattern on at least one day during the run's start and end dates. (These are listed on the first tab of the report.)

If a cell is full (shaded with a letter representing the day of the week) that means that it has no conflicts during the entire range of time specified by the Optimizer's start/end dates. You could consider assigning that location to a class that needs a home.

Pattern Start	Pattern End	Duration	BAQ 100		BAQ 102		BAQ 214		BAQ 212		BAQ 210		BAQ 208		BAQ 206		BAQ 204		BAQ 202																																											
			M	T	W	R	F	S	U	M	T	W	R	F	S	U	M	T	W	R	F	S	U	M	T	W	R	F	S	U	M	T	W	R	F	S	U	M	T	W	R	F	S	U	M	T	W	R	F	S	U	M	T	W	R	F	S	U	M	T	W	R
4:45 A.M.	7:30 A.M.	165																																																												
7:30 A.M.	7:45 A.M.	15																																																												
7:45 A.M.	8:00 A.M.	15																																																												
8:00 A.M.	8:15 A.M.	15																																																												
8:15 A.M.	8:30 A.M.	15																																																												
8:30 A.M.	9:00 A.M.	30																																																												
9:00 A.M.	9:20 A.M.	20																																																												
9:20 A.M.	9:30 A.M.	10																																																												
9:30 A.M.	9:31 A.M.	1																																																												

*Optimizer availability report*

## Placement Report

The placement report (S25PlacementResults.xml) is produced during the Assign step. At any time, you can click View Report to download a copy of the current assignment status of all sections in the Optimizer run.

Prepare
Optimize
Assign

Spring Term

View Report

Suggested Assignments: 46

Accepted Assignments: 0

Not Placed: 0

Impossible To Place: 0

Messages

*Image: The View Report button is above the Suggested Assignment results.*

Download the report with the **View Report** button

## Reading the Report

The downloaded report contains several tabs, each corresponding to one of the result headings in the Assign step. (Suggested, Accepted, Not Placed, Impossible)

Within each tab, you'll find a list of all the sections in that category, along with basic details (enough to identify their

meeting patterns and enrollment). If the section was placed in a location, then the report includes the location's details as well.

Event	Reservation	Start time	End time	Days of week	Enroll Location	Capacity	Utilization (%)	Requested features
PSYC 111 04 27217	2021WHF/ MWF 1215-1320	12:15:00	13:20:00	MO WE FR	40 BAQ 212	40	100	
PSYC 111 05 27218	2021WHF/ TR 0800-0940	08:00:00	09:40:00	TU TH	40 BAQ 214	40	100	
PSYC 111 08 27219	2021WHF/ TR 1330-1510	13:30:00	15:10:00	TU TH	40 BAQ 214	40	100	
PSYC 111 P2 27220	2021WHF/ TR 0955-1135	09:55:00	11:35:00	TU TH	24 BAQ 220	40	60	
PSYC 111 P1 27221	2021WHF/ MWF 0935-1040	09:35:00	10:40:00	MO WE FR	24 BAQ 300	40	60	
PSYC 121 01 27222	2021WHF/ MWF 1055-1200	10:55:00	12:00:00	MO WE FR	40 BAQ 212	40	100	
PSYC 200 01 27223	2021WHF/ TR 1330-1510	13:30:00	15:10:00	TU TH	36 BAQ 208	40	90	
PSYC 202 01 27224	2021WHF/ M 1730-2100	17:30:00	21:00:00	MO	30 HSC 106	35	85.7	
PSYC 203 01 27225	2021WHF/ TR 1330-1510	13:30:00	15:10:00	TU TH	36 BAQ 210	40	90	
PSYC 206 01 27226	2021WHF/ TR 0955-1135	09:55:00	11:35:00	TU TH	36 BAQ 210	40	90	
PSYC 207 01 27227	2021WHF/ TR 1330-1510	13:30:00	15:10:00	TU TH	36 BAQ 212	40	90	
PSYC 212 01 27228	2021WHF/ MWF 1335-1440	13:35:00	14:40:00	MO WE FR	25 BAQ 108	25	100	
PSYC 212 51 27229	2021WHF/ M 1455-1655	14:55:00	16:55:00	MO	25 HSC 122	35	71.4	
PSYC 288 01 27230	2021WHF/ W 1455-1755	14:55:00	17:55:00	WE	30 HSC 122	35	85.7	
PSYC 301 01 27231	2021WHF/ TR 0800-0940	08:00:00	09:40:00	TU TH	36 BAQ 212	40	90	
PSYC 301 02 27232	2021WHF/ TR 0955-1135	09:55:00	11:35:00	TU TH	36 BAQ 212	40	90	
PSYC 301 03 27233	2021WHF/ T 1730-2100	17:30:00	21:00:00	TU	36 BAQ 214	40	90	
PSYC 302 01 27234	2021WHF/ M 1330-1645	13:30:00	16:45:00	MO	36 BAQ 212	40	90	
PSYC 322 01 27235	2021WHF/ MWF 1055-1200	10:55:00	12:00:00	MO WE FR	30 HSC 106	35	85.7	
PSYC 322 51 27236	2021WHF/ T 0830-1130	08:30:00	11:30:00	TU	30 HSC 140	35	85.7	
PSYC 342 01 27237	2021WHF/ MW 1730-1915	17:30:00	19:15:00	MO WE	36 BAQ 214	40	90	

*Optimizer availability report*