

**UNIVERSITY OF OREGON
CLASSROOM SPACE UTILIZATION STUDY
FALL TERM 2017**

The Fall Term 2017 Classroom Space Utilization Study is an analysis of total and average scheduled hours of occupancy per week of full-time classrooms, seminar rooms, and classroom student stations (seats). Class labs are not analyzed in this study; however, the exhibits and appendices include data on room use and student-station use of lower-division and upper-division class labs. The utilization analysis is based on student registration data (Student Centralized Administrative Reporting File, or SCARF) from the fourth week of fall term with a pull date of October 20, 2017.

Exhibits 1-3 compare the 2017 fall-term data with data from fall term 2016. Exhibits 4-6 summarize the number and percentage of rooms scheduled by the hour of the day and the day of the week. Exhibits 7-9 summarize the number and percentage of student stations scheduled by the hour of the day and the day of the week. Appendices 1-6 provide detail on the number of rooms and student stations scheduled each hour of each day of the week as reported for fall 2017. Additional attachments are described on page 5.

The following table lists the minimum objectives originally established by the State Board of Higher Education and compares fall 2016 and fall 2017 rates of use for classrooms, lower- and upper-division class labs, and student stations.

SUMMARY

Comparing fall 2016 to fall 2017, the average hours of classroom occupancy (scheduled use) increased from 33.7 to 35.1 hours per week, and the average hours of student-station occupancy increased from 24.1 to 24.3 hours per week (Exhibit 1).

Although the average hours increased, the total hours (counts) decreased. Student FTE decreased by 427; the number of rooms decreased from 184 to 172;¹ the number of student stations decreased by 250; the total hours of room occupancy decreased by 167; and the total hours of scheduled student-station occupancy decreased by 3,808.

The decrease in the total hours and the increase in the average hours results from the relative differences in the rates of decrease.²

Average Hours of Scheduled Occupancy Per Week

	<u>Fall 2017</u>	<u>Fall 2016</u>	<u>Objectives</u>
<u>Room Utilization</u>			
Classrooms	35.1	33.7	33.0
Lower-Division Laboratories	21.7	24.7	22.0
Upper-Division Laboratories	22.6	21.6	16.0
<u>Student Station Utilization</u>			
Classroom Student Stations	24.3	24.1	20.0
Lower-Division Lab Stations	15.0	17.6	18.0
Upper-Division Lab Stations	12.8	12.9	12.0

CLASSROOM USE

Utilization analysis for full-time classroom facilities (Exhibit 1, Part II) is based on a dataset of 172 full-time classrooms and seminar rooms—general university (Registrar controlled), jointly controlled, and departmentally controlled rooms—that were scheduled in Banner during fall term 2017. This number compares to 184 during fall 2016.

Twenty-one classrooms were removed from the pool. Fifteen of these were considered by the Committee on Academic Infrastructure (CAI) as not being dedicated instructional spaces and were moved to the “Temporary Classrooms” pool (see Attachment 7). The CAI also agreed to remove Library 41 (CMET) from the full-time instructional pool. Other losses were Millrace 4 114 (building to be demolished); Pacific 110, 111, 115, and 122 (Yamada Language Center; replaced by McKenzie 151, 152, 157, 158, and 159).

Nine classrooms were added to the fall 2017 pool: Library 322 (Library) and the five McKenzie (Yamada) rooms; additionally, McKenzie 347, 348, and 349 were added back into the pool, having been classified as “temporary” classrooms during fall 2016 only.

The average room use was 35.1 hours, 1.4 hours per week less than fall 2016. Of the total 172 classrooms, 115 (67%) met or exceeded the 33 hours per week minimum objective (Attachment 4.1), up from 65% in fall 2016. Sixteen classrooms (9 fewer than last year) were scheduled for at least 45 hours per week, which represents a full daytime schedule (8:00 A.M. to 5:00 P.M.). Eight of those were general-university classrooms (7% of the 111 general-university classrooms); five were joint-controlled (15% of the 33-room pool); and three were departmentally controlled (11% of the 28-room pool).

Room use by hour and day (Exhibit 4), shows that 9:00 A.M. through 3:00 P.M. had the highest room use (84.8%-66.9% of the full classroom pool) before dropping off significantly. Monday through Thursday 9-hour daytime use (with classes starting from 8:00 A.M. through 4:00 P.M.) showed little variation, averaging 1,168 hours each day (75% of the 9-hour maximum of 1,548 hours per room each day, up from 72% in fall 2016). The 4-day total hours of room use (8:00 A.M. through 9:00 P.M.) averaged 1,322 hours per day (55% of the 2,408 hours possible, up from 53% in fall 2016). Friday’s schedule was significantly less, with 48% of the available daytime hours scheduled, compared to 46% in fall 2016.

The decrease in the total hours of room use (167 hours, or -2.69%) can be accounted for partially by the twelve-room reduction in the classroom pool, which resulted in tighter scheduling of the remaining rooms, for an increase in average room use of 4.10% (1.4 hours).

General-university (Registrar), joint-controlled, and departmentally controlled classrooms (Attachments 3 and 4.1)

Average use of the centrally controlled general-university classrooms and the joint-controlled classrooms exceeded the 33-hour per week minimum, with 35 and 38 hours respectively.

General-university classrooms: Of the 172 classrooms, 111 were general-university classrooms scheduled by the Office of the Registrar (three more than fall 2016). During the study term these classrooms were scheduled an average of 35 hours per week, 107% of the minimum objective, a two-hour (6%) decrease from fall 2016. Seventy-six (a 13% decrease) met or exceeded the minimum objective. Nine rooms fell below 25 hours per week: DEA 104, DEA 206, FR 221, LIB 222, MCK 347, PAC 30, PAC 123, PLC 248, and PLC 627.

Attachment 4.1 shows that the two most highly scheduled rooms were PETR 105 (36 stas.) and ALL 211 (155 stas.), each at 53 hours per week. The three largest general-university classrooms—STB 156 (520 stas.), COL 150 (450 stas.), and PLC 180 (344 stas.)—were scheduled, respectively, 36 hrs/109%, 34 hrs/103%, and 35 hrs/106%. The other large classrooms (in the 150-300 seat range) also were scheduled at or near 40 hours per week.

Joint-controlled classrooms: The 33 joint-controlled classrooms were scheduled an average of 38 hours per week, one hour more than fall 2016. Those with the highest scheduled occupancy were CHI 225 (LCB; 59 stas.; 48 hrs/145%) and ED 276 (COE; 60 stas.; 47 hrs/142%). Twenty-eight of the joint-controlled classrooms, or 85%, met or exceeded the minimum objective.

Departmentally controlled classrooms: Removal of several rooms not considered to be dedicated instructional spaces significantly improved the utilization figures for departmentally controlled classrooms. The 28 departmentally controlled classrooms were scheduled an average of 30 hours per week (91% of the minimum objective), a seven-hour increase from fall 2016. The most highly scheduled departmentally controlled classrooms were PLC 184 (English; 22 stas.; 56 hrs/170%), PLC 253 (English; 20 stas.; 48 hrs/145%), and VIL 202 (Theatre Arts; 45 stas.; 48 hrs/145%). Eleven of the 28 rooms (39%) met or exceeded the minimum objective. Eight rooms fell below 75% of the minimum objective (fewer than 25 hours per week).

Factors influencing room use:

The current trend to schedule large lecture classes with smaller discussion sections sometimes results in these smaller discussion groups meeting in available rooms that may or may not be optimally sized. In these cases, availability becomes the primary criterion. There is no indication, however, that larger classes were unable to find meeting spaces because they were displaced by smaller classes.

Rooms with more advanced design, acoustical, and technological capabilities are in greater demand, no matter what size the class, than are more suitably sized classrooms. In these cases, technology rather than room size becomes the primary scheduling criterion.

Classrooms with the highest use generally share several characteristics. Most have movable chairs. They are in buildings that are centrally located along the perimeter of the core campus, which provides a perception of safety with greater lighting, foot traffic, and nearby businesses. They may offer a centralized classroom and smaller proximate rooms to satisfy the need for breakout rooms. Many of the rooms have been refurbished and updated with improved equipment, wireless technology, computer and video projection, and room design and acoustics that enhance interactions and discussions, all of which makes them flexible for use by a broad variety of programs and pedagogies.

Classrooms with the lowest use may be characterized by one of more of the following issues:

- location: located beyond the campus core;
- condition: less desirable quality, accessibility, environment, or technology, such that faculty or departments prefer not to use them for credit courses; such rooms often are used extensively for non-credit classes and other activities;
- size: classrooms or seminar rooms that allow twenty or fewer occupants generally have limited course demands (the case for five of the eight rooms below); smaller seminar classes often are scheduled in departmental conference or meeting rooms, which, because their prevalent use is not instructional, are categorized as "Temporary Classrooms" and as such are not included in the general-classroom pool;
- departmentally controlled: used for department classes that may make them inappropriate for general-university use because of restrictive teaching requirements or equipment (e.g., architecture/allied arts, law, music).

Only two of the 172 classrooms were scheduled for fewer than 17 hours (50% of the minimum objective): DEA 104 (General University; 17 stas.; 12 hrs / 36%) and KLA 107 (Chemistry; 37 stas.; 11 hrs. / 33%).

Student-station occupancy (Exhibit 1, Part II.i. and j.):

The 172 classrooms contained 10,678 student stations, 250 fewer (-2.29%) than fall 2016. The fall 2017 average of 24.3 hours of student-station occupancy per week exceeded the 20-hour minimum objective, a minimal increase over fall 2016 (24.1). In addition to the effects of reducing the classroom pool noted in the summary above, the decrease in the number of student stations and total hours of station use (-2.29% and -1.45% respectively), in contrast to the minimal increase in the average hours (.86%) suggests improved student enrollment to room capacity.

General University: The 111 general-university classrooms contained 7,994 student stations. Average student-station occupancy of these rooms during the study term was 25.4 hours per week, or 127% of the minimum objective, a 3% decrease from fall 2016 (Attachment 3).

Joint-controlled: The 33 classrooms contained 1,485 student stations. Average student-station occupancy was 26.4 hours per week, or 132% of the minimum objective, a 5% increase from fall 2016.

Departmentally controlled: The 28 classrooms contained 1,199 student stations. Average student-station occupancy was 14.6 hours per week, or 73% of the minimum objective, a 12% increase from fall 2016.

Attachment 4.3, Rooms by Seating Capacity, includes a column showing each room's average square feet per student station. These figures are based only on classroom areas; i.e., they do not include classroom support spaces (projection booths, etc.). The square feet range from 9 sf (Straub 156 fixed-seat lecture) to 35 sf (PLC 184/English, 22 seats – open area with computers lining three walls) and 43 sf (Condon 204/Anthropology, 39 seats – tables with chairs facing both sides of tables). An all-room average is 17 square feet per student station.

Optimization (fitting class enrollment to student-station capacity)

Attachments 6.1, 6.2, and 6.3 list each classroom (by room, by optimization percentage, and by controlling unit) and give a percentage of how many courses scheduled in each room met or exceeded 70% of the room's student-station capacity. It is noted that the measurement of enrollment to room size is only one of many scheduling considerations.

¹ Attachment 7: Fifteen rooms, most of them previously in the departmentally controlled pool, were reviewed by the CAI and reclassified from full-time, dedicated instructional spaces to the temporary classrooms. The rooms removed from the pool, which resulted in a -6.52% reduction in the classroom pool, carried very few class hours, contributing to a lower percentage decrease in room use (-2.69%) and student-station use (-1.45%).

² For example, the total hours of scheduled room occupancy decreased by 167 hours (-2.69%) a lesser rate than the decrease in the number of classrooms (-6.52%), so the average hours of classroom use increased from 33.7 to 35.1 hours per week (4.10%). The same is true for student stations, which decreased by 250 (-2.29%), a lesser rate than the decrease in student station occupants (-1.43%), resulting in the average station occupancy increasing from 24.1 to 24.3 hours per week.

EXHIBITS AND ATTACHMENTS

Exhibit 1: Summary Utilization Data, Classrooms/Seminar Rooms

Exhibit 2: Summary Utilization Data, Lower Division Class Labs

Exhibit 3: Summary Utilization Data, Upper Division Class Labs

Exhibit 4: Scheduled Occupancy, Classroom/Seminar Rooms

Exhibit 5: Scheduled Occupancy, Lower Division Class Labs

Exhibit 6: Scheduled Occupancy, Upper Division Class Labs

Exhibit 7: Scheduled Station Occupancy, Classroom/Seminar Rooms

Exhibit 8: Scheduled Station Occupancy, Lower Division Class Labs

Exhibit 9: Scheduled Station Occupancy, Upper Division Class Labs

Appendix 1: Number of Classroom/Seminar Rooms Scheduled Each Hour

Appendix 2: Number of Lower Division Class Labs Scheduled Each Hour

Appendix 3: Number of Upper Division Class Labs Scheduled Each Hour

Appendix 4: Number of Classroom/Seminar Stations Scheduled Each Hour

Appendix 5: Number of Lower Division Class Lab Stations Scheduled Each Hour

Appendix 6: Number of Upper Division Class Lab Stations Scheduled Each Hour

Attachment 1, "Programming Rules," describes the most important rules by which the data-warehouse application summarizes data.

Attachment 2 is a list of the classrooms from which the data were derived sorted by utilization code (CR classroom, TCR temporary classroom, LDL lower-division lab, and UDL upper-division lab).

Attachment 3 compares fall 2017 room and student-station use to that of fall 2016. This spreadsheet groups the rooms by scheduling priority (Registrar, joint-use, and departments).

Attachment 4 sorts by highest to lowest percentage classroom use (4.1), station use (4.2), and room "capacity" (number of stations) (4.3).

Attachment 5, the SCARF data, details the classes scheduled in each of the 172 classrooms. The information is available also for temporary classrooms and upper-division and lower-division labs, but is not included in this packet.

Attachment 6 contains information on optimization by room—i.e., of the total number of classes scheduled in each room, how many had an enrollment that was at least 70% of the room's student-station capacity. Attachment 6.1 sorts the data by room; 6.2 sorts from highest to lowest optimization percentage; 6.3 sorts by controlling unit.

Attachment 7 lists the rooms reviewed by the Committee on Academic Infrastructure and subsequently reclassified as temporary or part-time instructional spaces.

Exhibit 1

University of Oregon
Comparison of Room Scheduled Occupancy
and Other Utilization Data

Classroom/Seminar Rooms

Fall 2017

	Fall 2017	Fall 2016	Increase (Decrease)	% Increase (Decrease)
I. Student FTE	22,142.7	22,569.6	(426.9)	(1.89)
II. Rooms				
a. Number of rooms	172.0	184.0	(12.0)	(6.52)
b. Total square foot area including related service areas	190,275.0	197,302.0	(7027.0)	(3.56)
c. Average area per FTE student	8.6	8.7	(0.1)	(1.70)
d. Total number of student stations	10,678.0	10,928.0	(250.0)	(2.29)
e. Average number of student stations per FTE student	0.5	0.5	(0.0)	(0.00)
f. Average area per student station	17.8	18.1	(0.2)	(1.30)
g. Total hours of scheduled occupancy of rooms per week (Ex. 4)	6,042.0	6,209.0	(167.0)	(2.69)
h. Average hours of scheduled occupancy of rooms per week	35.1	33.7	1.4	4.10
i. Total hours of scheduled occupancy of student stations per week (Ex. 7)	259,496.0	263,304.0	(3808.0)	(1.45)
j. Average hours of scheduled occupancy of student stations per week	24.3	24.1	0.2	.86

Exhibit 2

University of Oregon
 Comparison of Room Scheduled Occupancy
 and Other Utilization Data

Lower Division Class Labs

Fall 2017

	Fall 2017	Fall 2016	Increase (Decrease)	% Increase (Decrease)
I. Student FTE	8,857.1	9,027.8	(170.7)	(1.89)
II. Rooms				
a. Number of rooms	26.0	28.0	(2.0)	(7.14)
b. Total square foot area including related service areas	44,952.0	46,873.0	(1,921.0)	(4.10)
c. Average area per FTE student	5.1	5.2	(0.1)	(1.92)
d. Total number of student stations	687.0	737.0	(50.0)	(6.78)
e. Average number of student stations per FTE student	0.1	0.1	(0.0)	(0.00)
f. Average area per student station	65.4	63.6	1.8	2.88
g. Total hours of scheduled occupancy of rooms per week (Ex. 5)	564.0	692.0	(128.0)	(18.50)
h. Average hours of scheduled occupancy of rooms per week	21.7	24.7	(3.0)	(12.23)
i. Total hours of scheduled occupancy of student stations per week (Ex. 8)	10,337.0	12,980.0	(2,643.0)	(20.36)
j. Average hours of scheduled occupancy of student stations per week	15.0	17.6	(2.6)	(14.57)

Exhibit 3

University of Oregon
Comparison of Room Scheduled Occupancy
and Other Utilization Data

Upper Division Class Labs

Fall 2017

	Fall 2017	Fall 2016	Increase (Decrease)	% Increase (Decrease)
I. Student FTE	13,285.6	13,541.8	(256.2)	(1.89)
II. Rooms				
a. Number of rooms	52.0	55.0	(3.0)	(5.45)
b. Total square foot area including related service areas	61,892.0	63,836.0	(1944.0)	(3.05)
c. Average area per FTE student	4.7	4.7	0.0	(0.00)
d. Total number of student stations	1,618.0	1,653.0	(35.0)	(2.12)
e. Average number of student stations per FTE student	0.1	0.1	(0.0)	(0.00)
f. Average area per student station	38.3	38.6	(0.4)	(0.95)
g. Total hours of scheduled occupancy of rooms per week (Ex. 6)	1,177.0	1,187.0	(10.0)	(0.84)
h. Average hours of scheduled occupancy of rooms per week	22.6	21.6	1.1	4.88
i. Total hours of scheduled occupancy of student stations per week (Ex. 9)	20,705.0	21,252.0	(547.0)	(2.57)
j. Average hours of scheduled occupancy of student stations per week	12.8	12.9	(0.1)	(0.47)

Exhibit 4

University of Oregon

**Scheduled Occupancy of Classroom/Seminar Rooms
During 4th Week Fall Term 2017**

Number of Classroom/Seminar Rooms: 172

Hour of the Day	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week	Average Hours of Scheduled Occupancy Per Week	% Average is of Minimum Objective Hours Per Week*
800	382	44.4%		
900	638	74.2%		
1000	729	84.8%		
1100	723	84.1%		
1200	646	75.1%		
1300	639	74.3%		
1400	644	74.9%		
1500	575	66.9%		
1600	437	50.8%		
1700	392	45.6%		
1800	124	14.4%		
1900	79	9.2%		
2000	27	3.1%		
2100	7	0.8%		
Daytime Hours (800-1600):	5413	69.9%	31.5	95.4%
Other Hours:	629	8.1%		
Total Hours:	6042		35.1	106.4%

***Minimum Objective Hours: 33**

Day of the Week	Total Daytime Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week (Daytime)	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week
Monday	1136	73.4%	1280	82.7%
Tuesday	1199	77.5%	1350	87.2%
Wednesday	1160	74.9%	1334	86.2%
Thursday	1177	76.0%	1325	85.6%
Friday	741	47.9%	749	48.4%
Saturday/Sunday	0	0.0%	4	0.3%
Daytime Hours (800-1600):	5413		5413	69.9%
Other Hours:			629	
Total Hours:			6042	78.1%

Exhibit 5

University of Oregon

Scheduled Occupancy of Lower Division Class Labs
During 4th Week Fall Term 2017

Number of Lower Division Class Labs: 26

Hour of the Day	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week	Average Hours of Scheduled Occupancy Per Week	% Average is of Minimum Objective Hours Per Week*
800	25	19.2%		
900	44	33.8%		
1000	72	55.4%		
1100	54	41.5%		
1200	70	53.8%		
1300	74	56.9%		
1400	72	55.4%		
1500	40	30.8%		
1600	41	31.5%		
1700	28	21.5%		
1800	29	22.3%		
1900	13	10.0%		
2000	2	1.5%		
2100	0	0.0%		
Daytime Hours (800-1600):	492	42.1%	18.9	86.0%
Other Hours:	72	6.2%		
Total Hours:	564		21.7	98.6%

*Minimum Objective Hours: 22

Day of the Week	Total Daytime Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week (Daytime)	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week
Monday	54	23.1%	59	25.2%
Tuesday	108	46.2%	129	55.1%
Wednesday	113	48.3%	136	58.1%
Thursday	139	59.4%	162	69.2%
Friday	78	33.3%	78	33.3%
Saturday/Sunday	0	0.0%	0	0.0%
Daytime Hours (800-1600):	492		492	42.1%
Other Hours:			72	
Total Hours:			564	48.2%

Exhibit 6

University of Oregon

Scheduled Occupancy of Upper Division Class Labs
During 4th Week Fall Term 2017

Number of Upper Division Class Labs: 52

Hour of the Day	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week	Average Hours of Scheduled Occupancy Per Week	% Average is of Minimum Objective Hours Per Week*
800	45	17.3%		
900	84	32.3%		
1000	124	47.7%		
1100	112	43.1%		
1200	136	52.3%		
1300	136	52.3%		
1400	130	50.0%		
1500	105	40.4%		
1600	105	40.4%		
1700	101	38.8%		
1800	46	17.7%		
1900	35	13.5%		
2000	13	5.0%		
2100	5	1.9%		
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Daytime Hours (800-1600):	977	41.8%	18.8	117.4%
Other Hours:	200	8.5%		
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Total Hours:	1177		22.6	141.5%

*Minimum Objective Hours: 16

Day of the Week	Total Daytime Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week (Daytime)	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week
Monday	164	35.0%	199	42.5%
Tuesday	242	51.7%	299	63.9%
Wednesday	214	45.7%	262	56.0%
Thursday	236	50.4%	292	62.4%
Friday	121	25.9%	125	26.7%
Saturday/Sunday	0	0.0%	0	0.0%
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Daytime Hours (800-1600):	977		977	41.8%
Other Hours:			200	
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Total Hours:			1177	50.3%

Exhibit 7

University of Oregon

Scheduled Occupancy of Classroom/Seminar Room Student Stations
During 4th Week Fall Term 2017

Number of Classroom/Seminar Room Student Stations: 10,678

Hour of the Day	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week	Average Hours of Scheduled Occupancy Per Week	% Average is of Minimum Objective Hours Per Week*
800	17,427	32.6%		
900	26,367	49.4%		
1000	32,526	60.9%		
1100	31,977	59.9%		
1200	29,745	55.7%		
1300	29,319	54.9%		
1400	28,414	53.2%		
1500	26,207	49.1%		
1600	16,659	31.2%		
1700	15,158	28.4%		
1800	3,049	5.7%		
1900	1,865	3.5%		
2000	631	1.2%		
2100	152	0.3%		
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Daytime Hours (800-1600):	238,641	49.7%	22.3	111.7%
Other Hours:	20,855	4.3%		
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Total Hours:	259,496		24.3	121.5%

*Minimum Objective Hours: 20

Day of the Week	Total Daytime Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week (Daytime)	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week
Monday	52,424	54.6%	58,003	60.4%
Tuesday	55,611	57.9%	59,864	62.3%
Wednesday	53,145	55.3%	59,813	62.2%
Thursday	55,006	57.2%	59,303	61.7%
Friday	22,455	23.4%	22,509	23.4%
Saturday/Sunday	-	0.0%	4	0.0%
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Daytime Hours (800-1600):	238,641		238,641	49.7%
Other Hours:			20,855	
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Total Hours:			259,496	54.0%

Exhibit 8

University of Oregon

**Scheduled Occupancy of Lower Division Class Lab Student Stations
During 4th Week Fall Term 2017**

Number of Lower Division Class Lab Student Stations: 687

Hour of the Day	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week	Average Hours of Scheduled Occupancy Per Week	% Average is of Minimum Objective Hours Per Week*
800	423	12.3%		
900	849	24.7%		
1000	1,291	37.6%		
1100	976	28.4%		
1200	1,269	36.9%		
1300	1,309	38.1%		
1400	1,400	40.8%		
1500	817	23.8%		
1600	744	21.7%		
1700	527	15.3%		
1800	486	14.1%		
1900	207	6.0%		
2000	39	1.1%		
2100	-	0.0%		
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Daytime Hours (800-1600):	9,078	29.4%	13.2	73.4%
Other Hours:	1,259	4.1%		
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Total Hours:	10,337		15.0	83.6%

*Minimum Objective Hours: 18

Day of the Week	Total Daytime Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week (Daytime)	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week
Monday	1,046	16.9%	1,128	18.2%
Tuesday	1,957	31.7%	2,319	37.5%
Wednesday	2,091	33.8%	2,505	40.5%
Thursday	2,635	42.6%	3,036	49.1%
Friday	1,349	21.8%	1,349	21.8%
Saturday/Sunday	-	0.0%	-	0.0%
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Daytime Hours (800-1600):	9,078		9,078	29.4%
Other Hours:			1,259	
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Total Hours:			10,337	33.4%

Exhibit 9

University of Oregon

**Scheduled Occupancy of Upper Division Class Lab Student Stations
During 4th Week Fall Term 2017**

Number of Upper Division Class Lab Student Stations: 1,618

Hour of the Day	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week	Average Hours of Scheduled Occupancy Per Week	% Average is of Minimum Objective Hours Per Week*
800	869	10.7%		
900	1,469	18.2%		
1000	2,031	25.1%		
1100	1,932	23.9%		
1200	2,126	26.3%		
1300	2,137	26.4%		
1400	2,065	25.5%		
1500	1,944	24.0%		
1600	2,295	28.4%		
1700	2,226	27.5%		
1800	735	9.1%		
1900	612	7.6%		
2000	230	2.8%		
2100	34	0.4%		
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Daytime Hours (800-1600):	16,868	23.2%	10.4	86.9%
Other Hours:	3,837	5.3%		
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Total Hours:	20,705		12.8	106.6%

***Minimum Objective Hours: 12**

Day of the Week	Total Daytime Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week (Daytime)	Total Hours of Scheduled Occupancy Per Week	% of Rooms Scheduled Per Week
Monday	2,903	19.9%	3,634	25.0%
Tuesday	4,300	29.5%	5,416	37.2%
Wednesday	3,563	24.5%	4,466	30.7%
Thursday	4,281	29.4%	5,317	36.5%
Friday	1,821	12.5%	1,872	12.9%
Saturday/Sunday	-	0.0%	-	0.0%
<hr/>				
Daytime Hours (800-1600):	16,868		16,868	23.2%
Other Hours:			3,837	
<hr/>				
Total Hours:			20,705	28.4%

Appendix 1

University of Oregon

**Number of Classroom/Seminar Rooms Scheduled
Each Hour During 4th Week Fall Term 2017**

Classroom/Seminar Rooms Available on Campus: 172

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Subtotal	Sat/Sunday	Week Total
800	75	99	73	97	38	382	0	382
900	123	139	127	130	119	638	0	638
1000	153	150	154	141	131	729	0	729
1100	152	145	154	151	121	723	0	723
Morning Hours:	503	533	508	519	409	2472	0	2472
1200	137	138	134	133	104	646	0	646
1300	136	139	138	130	96	639	0	639
1400	140	147	140	141	76	644	0	644
1500	126	139	128	141	41	575	0	575
1600	94	103	112	113	15	437	0	437
Afternoon Hours:	633	666	652	658	332	2941	0	2941
1700	89	94	104	101	4	392	0	392
1800	31	28	40	23	1	123	1	124
1900	20	20	20	17	1	78	1	79
2000	3	8	8	6	1	26	1	27
2100	1	1	2	1	1	6	1	7
Evening Hours:	144	151	174	148	8	625	4	629
Total Hours:	1280	1350	1334	1325	749	6038	4	6042

Appendix 2

University of Oregon

Number of Lower Division Class Labs Scheduled
Each Hour During 4th Week Fall Term 2017

Lower Division Class Labs Available on Campus: 26

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Subtotal	Sat/Sunday	Week Total
800	1	6	5	9	4	25	0	25
900	3	13	8	14	6	44	0	44
1000	8	17	13	20	14	72	0	72
1100	5	12	11	15	11	54	0	54
Morning Hours:	17	48	37	58	35	195	0	195
1200	11	11	18	17	13	70	0	70
1300	9	14	18	20	13	74	0	74
1400	8	16	17	21	10	72	0	72
1500	6	8	10	11	5	40	0	40
1600	3	11	13	12	2	41	0	41
Afternoon Hours:	37	60	76	81	43	297	0	297
1700	1	9	8	10	0	28	0	28
1800	2	9	9	9	0	29	0	29
1900	2	3	4	4	0	13	0	13
2000	0	0	2	0	0	2	0	2
2100	0	0	0	0	0	0	0	0
Evening Hours:	5	21	23	23	0	72	0	72
Total Hours:	59	129	136	162	78	564	0	564

Appendix 3

University of Oregon

Number of Upper Division Class Labs Scheduled
Each Hour During 4th Week Fall Term 2017

Upper Division Class Labs Available on Campus: 52

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Subtotal	Sat/Sunday	Week Total
800	4	8	12	11	10	45	0	45
900	13	17	20	19	15	84	0	84
1000	20	28	27	27	22	124	0	124
1100	20	24	24	24	20	112	0	112
Morning Hours:	57	77	83	81	67	365	0	365
1200	22	37	28	34	15	136	0	136
1300	23	38	29	32	14	136	0	136
1400	23	35	28	33	11	130	0	130
1500	20	25	23	28	9	105	0	105
1600	19	30	23	28	5	105	0	105
Afternoon Hours:	107	165	131	155	54	612	0	612
1700	20	26	23	28	4	101	0	101
1800	7	14	10	15	0	46	0	46
1900	5	11	9	10	0	35	0	35
2000	3	4	4	2	0	13	0	13
2100	0	2	2	1	0	5	0	5
Evening Hours:	35	57	48	56	4	200	0	200
Total Hours:	199	299	262	292	125	1177	0	1177

Appendix 4

University of Oregon

**Number of Classroom/Seminar Room Student Stations Scheduled
Each Hour During 4th Week Fall Term 2017**

Classroom/Seminar Room Student Stations Available on Campus: 10,678

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Subtotal	Sat/Sunday	Week Total
800	3,361	4,864	3,410	4,731	1,061	17,427	-	17,427
900	5,374	6,007	5,307	5,741	3,938	26,367	-	26,367
1000	7,055	7,065	7,191	6,873	4,342	32,526	-	32,526
1100	6,958	6,934	7,032	7,053	4,000	31,977	-	31,977
Morning Hours:	22,748	24,870	22,940	24,398	13,341	108,297	-	108,297
1200	6,494	7,061	6,404	6,811	2,975	29,745	-	29,745
1300	6,482	6,935	6,494	6,552	2,856	29,319	-	29,319
1400	6,499	6,797	6,515	6,660	1,943	28,414	-	28,414
1500	5,882	6,649	6,029	6,809	838	26,207	-	26,207
1600	4,319	3,299	4,763	3,776	502	16,659	-	16,659
Afternoon Hours:	29,676	30,741	30,205	30,608	9,114	130,344	-	130,344
1700	4,246	2,920	4,733	3,209	50	15,158	-	15,158
1800	849	580	1,093	525	1	3,048	1	3,049
1900	427	527	467	442	1	1,864	1	1,865
2000	56	225	228	120	1	630	1	631
2100	1	1	147	1	1	151	1	152
Evening Hours:	5,579	4,253	6,668	4,297	54	20,851	4	20,855
Total Hours:	58,003	59,864	59,813	59,303	22,509	259,492	4	259,496

Appendix 5

University of Oregon

Number of Lower Division Class Lab Student Stations Scheduled
Each Hour During 4th Week Fall Term 2017

Lower Division Class Lab Student Stations Available on Campus: 687

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Subtotal	Sat/Sunday	Week Total
800	18	104	77	154	70	423	-	423
900	78	231	177	256	107	849	-	849
1000	135	290	230	378	258	1,291	-	1,291
1100	75	207	215	282	197	976	-	976
Morning Hours:	306	832	699	1,070	632	3,539	-	3,539
1200	211	197	316	340	205	1,269	-	1,269
1300	164	236	320	377	212	1,309	-	1,309
1400	157	320	324	421	178	1,400	-	1,400
1500	134	168	204	217	94	817	-	817
1600	74	204	228	210	28	744	-	744
Afternoon Hours:	740	1,125	1,392	1,565	717	5,539	-	5,539
1700	20	172	152	183	-	527	-	527
1800	31	148	153	154	-	486	-	486
1900	31	42	70	64	-	207	-	207
2000	-	-	39	-	-	39	-	39
2100	-	-	-	-	-	-	-	-
Evening Hours:	82	362	414	401	-	1,259	-	1,259
Total Hours:	1,128	2,319	2,505	3,036	1,349	10,337	-	10,337

Appendix 6

University of Oregon

Number of Upper Division Class Lab Student Stations Scheduled
Each Hour During 4th Week Fall Term 2017

Upper Division Class Lab Student Stations Available on Campus: 1,618

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Subtotal	Sat/Sunday	Week Total
800	143	158	228	209	131	869	-	869
900	300	293	312	334	230	1,469	-	1,469
1000	342	495	404	479	311	2,031	-	2,031
1100	338	458	360	452	324	1,932	-	1,932
Morning Hours:	1,123	1,404	1,304	1,474	996	6,301	-	6,301
1200	329	592	442	550	213	2,126	-	2,126
1300	325	595	463	536	218	2,137	-	2,137
1400	363	541	451	553	157	2,065	-	2,065
1500	318	512	402	546	166	1,944	-	1,944
1600	445	656	501	622	71	2,295	-	2,295
Afternoon Hours:	1,780	2,896	2,259	2,807	825	10,567	-	10,567
1700	451	591	513	620	51	2,226	-	2,226
1800	92	247	166	230	-	735	-	735
1900	108	198	152	154	-	612	-	612
2000	80	68	58	24	-	230	-	230
2100	-	12	14	8	-	34	-	34
Evening Hours:	731	1,116	903	1,036	51	3,837	-	3,837
Total Hours:	3,634	5,416	4,466	5,317	1,872	20,705	-	20,705