

# UNIVERSITY OF CALIFORNIA

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SANTA BARBARA • SANTA CRUZ

VICE PRESIDENT FOR BUDGET AND CAPITAL RESOURCES

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October 31, 2013

Mr. Mac Taylor, Legislative Analyst  
Executive Office  
925 L Street, Suite 1000  
Sacramento, CA 95814

Dear Mr. Taylor:

Enclosed is the University of California's biennial report of utilization of classrooms and teaching laboratories. These data reflect campus enrollments from the 2012 fall term and are based on the utilization guidelines approved by the legislature.

This report responds to the legislative request set forth in the Education Code as follows:

67503. (a) On or before November 1, 2010, and at least biennially thereafter, the University of California is requested to, and the California State University shall, report on the utilization of classrooms and teaching laboratories. The report shall include for each campus in their respective system the total number of rooms, number of stations, weekly student contact hours, and weekly station hours. The report shall also include the average weekly hours of station use and actual utilization as a percentage of the utilization standard.

This report also corresponds to the recommendations contained in the California Postsecondary Education Commission (CPEC) 1990 report, *A Capacity for Learning*.

The data in the enclosed Utilization Report details use of the University's instructional facilities at each campus.

Sincerely,

A handwritten signature in black ink that reads "Patrick J. Lenz".

Patrick J. Lenz  
Vice President for Budget and Capital Resources

## Attachment

cc: The Honorable Mark Leno, Chair, Joint Legislative Budget Committee  
Mr. Greg Rogers, Department of Finance (with attachment)  
Ms. Raghda Nassar, Department of Finance  
Mr. Christian Osmena, Department of Finance  
Associate Vice President Wylie (with attachment)  
Associate Vice President Juarez  
Deputy to Vice President Sato  
Ms. Diane F. Boyer-Vine, Legislative Counsel of California

Ms. Jennifer Kuhn, Legislative Analyst's Office  
Mr. Paul Golaszewski, Legislative Analyst's Office (with attachment)  
Mr. Gregory Schmidt, Secretary of the Senate  
Mr. E. Dotson Wilson, Chief Clerk of the Assembly  
Ms. Peggy Collins, Joint Legislative Budget Committee  
Mr. Joe Stephenshaw, Senate Budget and Fiscal Review Committee  
Mr. Mark Martin Assembly Budget Committee  
Ms. Cheryl Black, Senate Republican Fiscal Office  
Mr. Ted Blanchard Assembly Republican Fiscal Office



# **University of California**

## **Classroom and Teaching Lab Utilization Report**

**November 2013**

# FALL 2012 CLASSROOM AND TEACHING LABORATORY UTILIZATION UNIVERSITY OF CALIFORNIA

## Introduction

This is the University of California's biennial report of Fall term utilization of classrooms and teaching laboratories. The purpose of the report is to compare the utilization of specific types of rooms to established standards. This report provides one piece of useful information which, coordinated with other analyses, assists in the development and review of a campus capital program.

The report is in accordance with the legislative request set forth in the Education Code as follows:

67503. (a) On or before November 1, 2010, and at least biennially thereafter, the University of California is requested to, and the California State University shall, report on the utilization of classrooms and teaching laboratories. The report shall include for each campus in their respective system the total number of rooms, number of stations, weekly student contact hours, and weekly station hours. The report shall also include the average weekly hours of station use and actual utilization as a percentage of the utilization standard.

The data contained in the enclosed report reflect campus enrollments from the 2008 Fall term.

## The Standards

Each campus collects data about class schedules and class enrollment, combines these data with the inventory of rooms to which utilization standards apply, and then compares the resulting room utilization with the following legislatively approved standards:

- Classrooms: 35 weekly student contact hours per station
- Teaching Laboratories: 20 weekly student contact hours per station

These standards are based on (a) the expected number of hours a room is to be scheduled, and (b) the percentage of stations expected to be occupied when the room is scheduled.

**Classrooms.** The approved standard for classrooms, as established in 1970 in Assembly Concurrent Resolution 151, expects a room to be scheduled (on average) 75% of the 70 hours that fall between 8 a.m. and 10 p.m., Monday through Friday; i.e., 52.5 hours per week. During these scheduled hours, it is expected that two-thirds (66.7%) of the stations will be occupied. Combining the expectation of scheduling with the expectation of occupancy, one arrives at the standard of 35 weekly student contact hours per station (52.5 hours x 66.7%) occupancy for classrooms.

The classroom standard applies to all campus general-assignment and departmentally controlled classrooms and seminar rooms within general and professional instruction and research (I&R) programs. Excluded from this official submittal are health sciences, University Extension, and other non-standard programs and rooms (for example: physical education, military science, etc.).

Presentation of classroom utilization in terms of the 35 hour standard is in compliance with supplemental language of the Budget Act of 1973.

**Teaching Laboratories.** The Supplemental Report to the 1973 Budget Act defined teaching laboratory standards for lower division and upper division teaching laboratories. The University does not distinguish among levels of instruction in its inventory of rooms, since teaching laboratories may serve each population in a given week, or even simultaneously, depending on class enrollment and scheduling. The average of the two standards (23.4 hours for lower division, 17.6 hours for upper division) results in 20 hours per week expected utilization, based on a 45-hour week, between 8 a.m. and 5 p.m., Monday through Friday.

The teaching laboratory standard applies to campus general-assignment (if any) and departmentally controlled class laboratories for both general and professional instruction and research (I&R) programs. Excluded from this official submittal are health sciences, University Extension, and other non-standard programs and rooms (for example, physical education, military science, etc.). Also excluded from the attached report are: special class laboratories (specially equipped labs serving a small number of courses, which for reasons of safety or expense cannot be used for other courses) and open laboratories, in which unscheduled but required instruction takes place, such as language labs, music studios, and self-instructional computer/media labs.

### **Report Format**

The tables on the first page of Appendix A present total campus utilization statistics for classrooms and teaching laboratories. The remaining tables in Appendix A provide detailed information for each campus, showing utilization by size of room. These latter tables are particularly important for identifying possible mismatches between the size of rooms that are available and the size of classes being scheduled.

The formula used to calculate utilization is shown at the top of each column, and a definition of terms is included in Appendix B.

### **Caveats About Utilization Data**

The utilization standards are based on certain assumptions about class scheduling, room availability, and the nature of instruction. Campus practice in the use and scheduling of rooms and approaches to instruction may vary in a variety of ways from these assumptions. Since standards are at best averages that present only part of a picture, it is important to consider the following caveats when reviewing campus utilization reports, so as not to draw incorrect conclusions.

**Room Availability.** The utilization standards are based on an assumption that classrooms and teaching laboratories serve a single purpose and are available exclusively for that purpose. In fact, however, there are departments that use the rooms within their control for multiple purposes. This leads to an efficient use of space within the department (for example, using a room for scheduled seminars, independent study, and departmental meetings), but limits the availability of the room for 100% scheduled instruction. Since utilization measures only the

instructional activities in rooms, it is not correct to assume that low utilization means rooms are standing empty.

**Scheduling Pattern.** The standards are based on a presumption that courses are scheduled according to a predictable pattern, such as one-hour, Monday-Wednesday-Friday classes, or one-and-a-half hour, Tuesday-Thursday classes. Such a pattern allows for a fairly simple "building block" approach to scheduling, with classes starting predictably on the hour or half-hour. When departments deviate from that practice, for example, by scheduling a three-hour lecture on Mondays only, it may be difficult to find courses for the corresponding time blocks on Wednesday and Friday. Another scheduling reality is that a course of study may not require laboratory experiences, for example, until the winter or spring quarter, making for uneven utilization patterns across the year.

**Unscheduled Hours.** Not all of a student's instructional time in a room is accounted for in utilization reports. For example, a course may have six hours a week of scheduled laboratory activity but will require an additional number of hours of unscheduled work in the same room. A student may have to return every few hours to continue work on an experiment or project. However, since these hours are not scheduled, they cannot be counted for utilization purposes. If a room is available for the student's required but unscheduled activities, it is unavailable for other courses.

**Nature of Instruction.** The way a course is taught may affect a room's utilization, particularly in teaching laboratories. The standards assume that all courses are taught in similar ways (i.e., students arrive in a room, conduct an experiment, clean-up, and leave, making the room available for the next class). However, some courses require a set-up of apparatus or experiments that must remain in place for days, weeks, or even the duration of the quarter. During the time they are set up, the room is not available to other courses for instruction.

**Room Suitability.** Two other factors affect whether the inventory of available classrooms and teaching laboratories are suitable to meet the curricular needs of programs. The first is "room fit" (i.e., whether there are enough rooms with the correct number of stations to match class size). Classes with small enrollments may have to meet in rooms that are too large for them if there are not enough small classrooms available. Lack of suitable rooms may also require, for example, that lecture or discussion courses be scheduled in teaching laboratories. Such a situation may lead to "good" utilization for those laboratories but obscures that fact that the rooms are being used inappropriately.

A second factor, particularly in teaching laboratories but to some degree in classrooms, is the suitability of the design and equipment for the courses being offered. The availability or absence of certain equipment, such as computer linkages or projection screens, may affect utilization. Some teaching laboratories, which by definition are already limited to use by a single discipline, may be sufficiently specialized that it is difficult to schedule a large number of courses in them (although not so specialized as to qualify them for special laboratory status). This holds true particularly in the sciences and engineering, fields of study that increasingly require specialized rooms and equipment to teach even beginning students.

**Preparation/Set-up Time.** While utilization standards recognize to some extent that time is required to set-up and clean-up the activities, the standards are only averages which may not

reflect the requirements of some campus programs, which can be very elaborate and time-consuming. Also, if there is only limited staff assistance available, it takes longer to prepare the room, further limiting the time it is available.

**Appropriateness of the Standard.** The University agrees with the findings of the MGT review of space and utilization standards in the United States, as reported in the 1990 CPEC report, *A Capacity for Learning*, that a classroom utilization standard of 30 hours is more realistic than California's current standard of 35 hours. Among the reasons cited in this comprehensive report was the relationship of the support budget to utilization, that is, attempts to make any significant impact on utilization by offering more evening classes, which places undue strains on the support budget. The report also notes that full-time day students, such as University students, tend to extend their studies an extra term rather than attend evening classes. Thus, the expectations of the standard that classes be held until 10 p.m in the evening are not reflective of actual attendance.

### **Conclusion**

Utilization standards are a valuable tool for measuring the use of facilities. They have provoked serious and fruitful discussion at each campus about how to find more efficient ways of scheduling courses and rooms, so as not to waste valuable facilities resources. Nevertheless, it is not appropriate to achieve maximum utilization at the expense of carefully thought-out programmatic and pedagogical choices. Utilization data goes only so far in evaluating the need for more or different instructional facilities, and academic choices about how best to teach must be respected.

**DEFINITION OF TERMS USED IN UTILIZATION TABLES**

**Fall Term** - Indicates a snapshot date-in-time, the end of the third week of classes in the fall term, at which time data is collected for utilization reporting.

**Room** - Utilization data is reported for classrooms (i.e., classrooms and seminar rooms) and teaching laboratories, in general and professional instruction and research programs.

**Station** - Student stations, usually chairs or stools--not the work area or set-up itself which may be shared by two or more students. For example, a single computer may serve two student seats. The number of stations in this case equals two.

**Weekly Student Contact Hours (WSCH)** - The "workload" measurement of students, indicating the number of hours per week that each student is scheduled to attend a class in each of the facilities in which the class is scheduled. Weekly student contact hours are the products of class enrollments and weekly class hours. For example, a course that has 40 students and meets for three lecture hours and three lab hours per week generates  $3 \times 40$  or 120 WSCH in lecture (classroom activity), and  $3 \times 40$  or 120 WSCH in laboratory activity. Only those WSCH scheduled in classrooms, seminar rooms, and teaching laboratories are reported for utilization. There are no utilization standards for other types of rooms in which scheduled instruction may occur.

**Weekly Room Hours (WRH)** - Designates the time that a room is used on a weekly basis for the scheduled activities required for a course. (Also expressed as Weekly Station Hours.)

**Percentage of Station Occupancy** - The percentage of available stations occupied while the room is in use. An average calculated by dividing the weekly student contact hours (WSCH) by the weekly room hours.

**Average Weekly Station Hours** - Also expressed as Average Weekly Student Contact Hours per Station, or Average Station Use. Calculated by dividing weekly student contact hours by the total number of stations, or by multiplying weekly room hours per room by the average station occupancy. The result is the room's utilization, which is compared to the standard for a room of its type.



UNIVERSITY OF CALIFORNIA  
UTILIZATION SUMMARY  
Fall 2012

Universitywide

TABLE U-1C: Classroom Utilization

Campus	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/35
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
Berkeley	304	16,941	389,356	550,424	32.5	70.7%	23.0	65.7%
Davis	148	10,755	322,073	442,646	41.2	72.8%	29.9	85.6%
Irvine	155	10,593	283,618	483,846	45.7	58.6%	26.8	76.5%
Los Angeles	254	16,303	377,332	565,605	34.7	66.7%	23.1	66.1%
Merced	35	1,839	69,018	103,773	56.4	66.5%	37.5	107.2%
Riverside	87	6,894	215,743	272,407	39.5	79.2%	31.3	89.4%
San Diego	121	8,703	285,183	390,069	44.8	73.1%	32.8	93.6%
Santa Barbara	134	6,960	174,714	254,554	36.6	68.6%	25.1	71.7%
Santa Cruz	86	5,579	214,651	388,550	69.6	55.2%	38.5	109.9%

UNIVERSITY OF CALIFORNIA  
UTILIZATION SUMMARY  
Fall 2012

Universitywide

TABLE U-1T: Teaching Laboratory Utilization

Campus	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/20
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
Berkeley	151	4,028	60,088	82,254	20.4	73.1%	14.9	74.6%
Davis	92	2,395	50,086	57,562	24.0	87.0%	20.9	104.6%
Irvine	31	780	19,065	27,602	35.4	69.1%	24.4	122.2%
Los Angeles	42	1,122	21,339	27,637	24.6	77.2%	19.0	95.1%
Merced	28	655	17,213	21,875	33.4	78.7%	26.3	131.4%
Riverside	61	1,411	36,178	39,968	28.3	90.5%	25.6	128.2%
San Diego	54	1,389	28,488	32,975	23.7	86.4%	20.5	102.5%
Santa Barbara	58	1,419	28,376	34,418	24.3	82.4%	20.0	100.0%
Santa Cruz	40	860	18,131	18,919	22.0	95.8%	21.1	105.4%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Berkeley

TABLE U-2C: Classroom Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/35
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	16	217	2,429	3,417	15.7	71.1%	11.2	32.0%
16 - 25	75	1,584	28,873	40,036	25.3	72.1%	18.2	52.1%
26 - 50	138	5,136	106,497	167,630	32.6	63.5%	20.7	59.2%
51 - 100	45	3,129	63,751	89,974	28.8	70.9%	20.4	58.2%
101 - 200	17	2,386	61,726	86,204	36.1	71.6%	25.9	73.9%
201 - 300	9	2,333	60,349	77,214	33.1	78.2%	25.9	73.9%
301+	4	2,156	65,731	85,949	39.9	76.5%	30.5	87.1%
Total Campus	304	16,941	389,356	550,424	32.5	70.7%	23.0	65.7%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Berkeley

TABLE U-2T: Teaching Laboratory Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/20
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	35	376	3,256	2,842	7.6	114.6%	8.7	43.3%
16 - 25	76	1,743	32,351	36,568	21.0	88.5%	18.6	92.8%
26 - 40	29	944	12,060	16,225	17.2	74.3%	12.8	63.9%
41+	11	965	12,421	26,619	27.6	46.7%	12.9	64.4%
Total Campus	151	4,028	60,088	82,254	20.4	73.1%	14.9	74.6%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Davis

TABLE U-2C: Classroom Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/35
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	12	173	2,805	4,102	23.7	68.4%	16.2	46.3%
16 - 25	15	334	9,523	12,705	38.0	75.0%	28.5	81.5%
26 - 50	60	2,385	61,430	104,071	43.6	59.0%	25.8	73.6%
51 - 100	33	2,409	60,311	89,625	37.2	67.3%	25.0	71.5%
101 - 200	19	2,637	76,360	96,693	36.7	79.0%	29.0	82.7%
201 - 300	6	1,521	53,459	70,043	46.1	76.3%	35.1	100.4%
301+	3	1,296	58,185	65,407	50.5	89.0%	44.9	128.3%
Total Campus	148	10,755	322,073	442,646	41.2	72.8%	29.9	85.6%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Davis

TABLE U-2T: Teaching Laboratory Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/20
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	6	81	1,427	1,092	13.5	130.7%	17.6	88.1%
16 - 25	57	1,335	29,258	29,774	22.3	98.3%	21.9	109.6%
26 - 40	24	733	17,229	21,874	29.8	78.8%	23.5	117.5%
41+	5	246	2,172	4,822	19.6	45.0%	8.8	44.1%
Total Campus	92	2,395	50,086	57,562	24.0	87.0%	20.9	104.6%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Irvine

**TABLE U-2C: Classroom Utilization by Room Size**

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/35
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	1	12	0	0	0.0	0.0%	0.0	0.0%
16 - 25	11	260	3,732	5,269	20.3	70.8%	14.4	41.0%
26 - 50	86	3,014	57,051	100,561	33.4	56.7%	18.9	54.1%
51 - 100	36	2,568	51,720	88,711	34.5	58.3%	20.1	57.5%
101 - 200	11	1,419	43,749	78,478	55.3	55.7%	30.8	88.1%
201 - 300	4	1,049	39,250	68,060	64.9	57.7%	37.4	106.9%
301+	6	2,271	88,117	142,769	62.9	61.7%	38.8	110.9%
Total Campus	155	10,593	283,618	483,846	45.7	58.6%	26.8	76.5%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Irvine

**TABLE U-2T: Teaching Laboratory Utilization by Room Size**

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/20
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	1	15	0	0	0.0	0.0%	0.0	0.0%
16 - 25	24	535	12,411	15,124	28.3	82.1%	23.2	116.0%
26 - 40	3	90	1,858	2,868	31.9	64.8%	20.6	103.2%
41+	3	140	4,796	9,610	68.6	49.9%	34.3	171.3%
Total Campus	31	780	19,065	27,602	35.4	69.1%	24.4	122.2%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Los Angeles

TABLE U-2C: Classroom Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/35
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	9	114	1,202	1,817	15.9	66.2%	10.5	30.1%
16 - 25	51	1,074	25,429	34,061	31.7	74.7%	23.7	67.6%
26 - 50	107	3,923	83,462	133,440	34.0	62.5%	21.3	60.8%
51 - 100	49	3,569	67,602	108,081	30.3	62.5%	18.9	54.1%
101 - 200	25	3,484	81,655	123,964	35.6	65.9%	23.4	67.0%
201 - 300	6	1,553	44,539	60,874	39.2	73.2%	28.7	81.9%
301+	7	2,586	73,443	103,370	40.0	71.0%	28.4	81.1%
Total Campus	254	16,303	377,332	565,605	34.7	66.7%	23.1	66.1%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Los Angeles

TABLE U-2T: Teaching Laboratory Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/20
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	5	55	849	916	16.7	92.7%	15.4	77.2%
16 - 25	26	560	13,330	13,650	24.4	97.7%	23.8	119.0%
26 - 40	6	194	3,417	4,547	23.4	75.1%	17.6	88.1%
41+	5	313	3,743	8,524	27.2	43.9%	12.0	59.8%
Total Campus	42	1,122	21,339	27,637	24.6	77.2%	19.0	95.1%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Merced

TABLE U-2C: Classroom Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/35
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	1	12	6	36	3.0	16.7%	0.5	1.4%
16 - 25	13	265	11170	12656.6667	47.8	88.3%	42.2	120.4%
26 - 50	13	459	14653.5	22824	49.7	64.2%	31.9	91.2%
51 - 100	4	260	10309	14280	39.7	138.5%	39.7	113.3%
101 - 200	3	466	18219	31356	67.3	58.1%	39.1	111.7%
201 - 300								
301+	1	377	14660	22620	60.0	64.8%	38.9	111.1%
Total Campus	35	1,839	69,018	103,773	56.4	66.5%	37.5	107.2%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Merced

TABLE U-2T: Teaching Laboratory Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/20
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	4	51	318	444	8.7	71.6%	6.2	31.2%
16 - 25	17	373	11103	13281	35.6	83.6%	29.8	148.8%
26 - 40	7	231	5792	8150	35.3	71.1%	25.1	125.4%
41+								
Total Campus	28	655	17,213	21,875	33.4	78.7%	26.3	131.4%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Riverside

TABLE U-2C: Classroom Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/35
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	3	40	1,287	1,705	42.6	75.5%	32.2	91.9%
16 - 25	5	117	3,083	4,494	38.4	68.6%	26.4	75.3%
26 - 50	49	1,761	52,810	72,436	41.1	72.9%	30.0	85.7%
51 - 100	15	1,065	38,295	45,804	43.0	83.6%	36.0	102.7%
101 - 200	6	794	32,384	39,988	50.4	81.0%	40.8	116.5%
201 - 300	4	1,165	32,134	40,450	34.7	79.4%	27.6	78.8%
301+	5	1,952	55,750	67,530	34.6	82.6%	28.6	81.6%
Total Campus	87	6,894	215,743	272,407	39.5	79.2%	31.3	89.4%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012 Riverside

Riverside

TABLE U-2T: Teaching Laboratory Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/20
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	5	55	1,103	690	12.5	159.9%	20.1	100.3%
16 - 25	46	997	27,442	27,524	27.6	99.7%	27.5	137.6%
26 - 40	8	239	6,401	8,054	33.7	79.5%	26.8	133.9%
41+	2	120	1,232	2,700	22.5	45.6%	10.3	51.3%
Total Campus	61	1,411	36,178	38,968	27.6	92.8%	25.6	128.2%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

San Diego

TABLE U-2C: Classroom Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/35
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	15	221	6,024	7,486	33.9	80.5%	27.3	77.9%
16 - 25	19	388	9,600	13,650	35.2	70.3%	24.7	70.7%
26 - 50	42	1,550	37,181	55,293	35.7	67.2%	24.0	68.5%
51 - 100	20	1,354	29,732	42,272	31.2	70.3%	22.0	62.7%
101 - 200	18	2,883	94,325	133,093	46.2	70.9%	32.7	93.5%
201 - 300	3	809	38,555	46,894	58.0	82.2%	47.7	136.2%
301+	4	1,498	69,766	91,381	61.0	76.3%	46.6	133.1%
Total Campus	121	8,703	285,183	390,069	44.8	73.1%	32.8	93.6%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

San Diego

TABLE U-2T: Teaching Laboratory Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/20
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	1	15	78	90	6.0	86.7%	5.2	26.0%
16 - 25	43	987	22,942	24,015	24.3	95.5%	23.2	116.2%
26 - 40	6	196	2,021	2,358	12.0	85.7%	10.3	51.6%
41+	4	191	3,447	6,512	34.1	52.9%	18.0	90.2%
Total Campus	54	1,389	28,488	32,975	23.7	86.4%	20.5	102.5%



UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Santa Barbara

**TABLE U-2C: Classroom Utilization by Room Size**

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/35
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	5	64	782	1,080	16.9	72.4%	12.2	34.9%
16 - 25	32	670	12,956	17,967	26.8	72.1%	19.3	55.2%
26 - 50	62	2,204	51,087	82,242	37.3	62.1%	23.2	66.2%
51 - 100	23	1,723	38,134	60,725	35.2	62.8%	22.1	63.2%
101 - 200	8	1,147	32,375	44,888	39.1	72.1%	28.2	80.6%
201 - 300	2	492	15,707	19,490	39.6	80.6%	31.9	91.2%
301+	2	660	23,673	28,162	42.7	84.1%	35.9	102.5%
<b>Total Campus</b>	<b>134</b>	<b>6,960</b>	<b>174,714</b>	<b>254,554</b>	<b>36.6</b>	<b>68.6%</b>	<b>25.1</b>	<b>71.7%</b>

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Santa Barbara

**TABLE U-2T: Teaching Laboratory Utilization by Room Size**

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/20
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	7	79	715	833	10.5	85.9%	9.1	45.3%
16 - 25	37	818	18,696	19,734	24.1	94.7%	22.9	114.3%
26 - 40	12	409	6,960	10,750	26.3	64.7%	17.0	85.1%
41+	2	113	2,005	3,102	27.5	64.6%	17.7	88.7%
<b>Total Campus</b>	<b>58</b>	<b>1,419</b>	<b>28,376</b>	<b>34,418</b>	<b>24.3</b>	<b>82.4%</b>	<b>20.0</b>	<b>100.0%</b>

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Santa Cruz

TABLE U-2C: Classroom Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/35
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	2	30	247	255	8.5	96.7%	8.2	23.5%
16 - 25	29	635	20,417	24,167	38.1	84.5%	32.2	91.9%
26 - 50	30	1,143	44,694	63,421	55.5	70.5%	39.1	111.7%
51 - 100	12	914	25,041	42,895	46.9	58.4%	27.4	78.3%
101 - 200	7	996	37,493	49,177	49.4	76.2%	37.6	107.6%
201 - 300	3	706	32,122	38,368	54.3	83.7%	45.5	130.0%
301+	3	1,155	54,637	170,267	147.4	32.1%	47.3	135.2%
Total Campus	86	5,579	214,651	388,550	69.6	55.2%	38.5	109.9%

UNIVERSITY OF CALIFORNIA  
UTILIZATION BY CAMPUS  
FALL 2012

Santa Cruz

TABLE U-2T: Teaching Laboratory Utilization by Room Size

Station Count	A	B	C	D	E=D/B	F=C/D	G=C/B or G=E x F	H=G/20
	Total Number Rooms	Total Number Stations	Total Wkly Student Contact Hours	Total Weekly Station Hours	Average Weighted WRH	Average % Station Occupancy	Average Weekly Hrs Station Use	Utilization as % of Standard
1 - 15	2	22	304	261	11.9	116.5%	13.8	69.1%
16 - 25	33	666	13,299	13,802	20.7	96.4%	20.0	99.8%
26 - 40	4	122	2,836	2,856	23.4	99.3%	23.2	116.2%
41+	1	50	1,692	2,000	40.0	84.6%	33.8	169.2%
Total Campus	40	860	18,131	18,919	22.0	95.8%	21.1	105.4%