

Carnegie Units

Carnegie units or Carnegie hours are the number of hours per unit in which a course is taught. They are always calculated on an 18-week semester format, regardless of the length of course term.

Use the chart below to determine the lecture/laboratory break-down that you need. The hours are shown "per week" assuming the 18-week format (the meeting pattern written on the Course Outline).

Basic formula*: (see appended definition/guideline)

1 unit equals 1 hour of lecture with homework (1 + 2), or 2 hours lab with homework (2 + 1), or 3 hours lab without homework (3 + 0).

Units	Lecture	Lab w/homework	Lab w/out homework	Homework time required	Total Student Course Hours	Total In-Class Time	Total Hours Per Semester
.5	0	1	0	.5	1.5	1	18
.5	0	0	1.5	0	1.5	1.5	27
.5	.25	.5	0	.75	1.5	.75	13.5
.5	.25	0	.75	.5	1.5	1	18
.5	.5	0	0	1	1.5	.5	9
1	0	2	0	1	3.0	2	36
1	0	0	3	0	3.0	3	54
1	.5	1	0	1.5	3.0	1.5	27
1	.5	0	1.5	1	3.0	2	36
1	1	0	0	2	3.0	1	18
2	0	4	0	2	6.0	4	72
2	0	0	6	0	6.0	6	108
2	.5	3	0	2.5	6.0	3.5	63
2	.5	0	4.5	1	6.0	5	90
2	1	2	0	3	6.0	3	54
2	1	0	3	2	6.0	4	72
2	1.5	1	0	3.5	6.0	2.5	45
2	1.5	0	1.5	3	6.0	3	54
2	2	0	0	4	6.0	2	36
3	0	6	0	3	9.0	6	108
3	0	0	9	0	9.0	9	162

Units	Lecture	Lab w/homework	Lab w/out homework	Homework time required	Total Student Course Hours	Total In-Class Time	Total Hours Per Semester
3	.5	5	0	3.5	9.0	5.5	99
3	.5	0	7.5	1	9.0	8	144
3	1	4	0	4	9.0	5	90
3	1	0	6	2	9.0	7	126
3	1.5	3	0	4.5	9.0	4.5	81
3	1.5	0	4.5	3	9.0	6	108
3	2	2	0	5	9.0	4	72
3	2	0	3	4	9.0	5	90
3	2.5	1	0	5.5	9.0	3.5	63
3	2.5	0	1.5	5	9.0	4	72
3	3	0	0	6	9.0	3	54
4	0	8	0	4	12.0	8	144
4	0	0	12	0	12.0	12	216
4	.5	7	0	4.5	12.0	7.5	135
4	.5	0	10.5	1	12.0	11	198
4	1	6	0	5	12.0	7	126
4	1	0	9	2	12.0	10	180
4	1.5	5	0	5.5	12.0	6.5	117
4	1.5	0	7.5	3	12.0	9	162
4	2	4	0	6	12.0	6	108
4	2	0	6	4	12.0	8	144
4	2.5	3	0	6.5	12.0	5.5	99
4	2.5	0	4.5	5	12.0	7	126
4	3	2	0	7	12.0	5	90
4	3	0	3	6	12.0	6	108
4	3.5	1	0	7.5	12.0	4.5	81
4	3.5	0	1.5	7	12.0	5	90
4	4	0	0	8	12.0	4	72
5	0	10	0	5	15.0	10	180
5	0	0	15	0	15.0	15	270

Units	Lecture	Lab w/homework	Lab w/out homework	Homework time required	Total Student Course Hours	Total In-Class Time	Total Hours Per Semester
5	.5	9	0	5.5	15.0	9.5	171
5	.5	0	13.5	1	15.0	14	252
5	1	8	0	6	15.0	9	162
5	1	0	12	2	15.0	13	234
5	1.5	7	0	6.5	15.0	8.5	153
5	1.5	0	10.5	3	15.0	12	216
5	2	6	0	7	15.0	8	144
5	2	0	9	4	15.0	11	198
5	2.5	5	0	7.5	15.0	7.5	135
5	2.5	0	7.5	5	15.0	10	180
5	3	4	0	8	15.0	7	126
5	3	0	6	6	15.0	9	162
5	3.5	3	0	8.5	15.0	6.5	117
5	3.5	0	4.5	7	15.0	8	144
5	4	2	0	9	15.0	6	108
5	4	0	3	8	15.0	7	126
5	4.5	1	0	9.5	15.0	5.5	99
5	4.5	0	1.5	9	15.0	6	108
5	5	0	0	10	15.0	5	90

If your course has more than 5 units, find the rows that add up to the unit/lecture/lab combination that you want. For example, a 7 unit course with lecture and lab without homework could be:

Units	Lecture	Lab w/homework	Lab w/out homework	Homework time required	Total Student Course Hours	Total In-Class Time	Total Hours Per Semester
2	.5	0	4.5	1	6	5	90
5	3.5	0	4.5	7	15	8	144
7	4.5	0	9	9	21	13	234

If you course includes half units, find the rows that add up to the unit/lecture/lab combination you want. For example, a 2.5 unit course with lecture and lab with homework could be:

Units	Lecture	Lab w/homework	Lab w/out homework	Homework time required	Total Student Course Hours	Total In-Class Time	Total Hours Per Semester
.5	0	1	0	.5	1.5	1	18
2	1	2	0	3	6	3	54
2.5	1	3	0	3.5	7.5	4	72

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