ERIKA BAILON - no partner

① Question: Which classes are the most popular among students? (like which ones Fill out super extremely fast)

② The user would compare the average time that takes for a class to be filled up, with the class that got filled up the fastes.

The user would standardize the data to compare which classes get filled up faster compared to classes that don't get filled up quick.

NO DATA.

Disregard.

① Question: What's a 4 credit hour class that does not reqqires many hours of weekly work? (CSC I classes)

② • The user would compare the average of hours spent in a class, with the lowest number of hours spent in a class. (4 credit classes)

• The user would compare the lowest amount of hours spent in the class, with the number of students that passed the class.

③ • Data from FCQ's to obtain the number of hours spent on each class in the CSC I department.

• Data from the FCQ's or the classes catalog of CU Boulder w/ the CSCI classes.

✻ FCQ.Colorado.edu → FCQ results   ✻ Grade distribution
                                          (Colorado.edu)

✻ Catalog.Colorado.edu → Courses A-Z → CSCI

④

CSCI 4 credit hr. classes

Class	Hours per week
CSCI 1220 Intro to Comp Sci	7-9
CSCI 1300 Starting Computing	10-12
CSCI 2270 Data Structures	7-9
CSCI 2275 Programming and Data	No data
CSCI 3104 Algorithms	10-12
CSCI 3155 PPL	10-12

← Data needed for 1st Visualization w/ Average of hrs per week

Search Classes | Search Results

- Title, Subject
- **NEW** Credit hours ←
- Spring 2019 ▲▼
- Any Subject ▲▼
- Any Campus ▲▼
- Any Career ▲▼
- Any Course level ▲▼

ERIKA BAILON - no partner

Catalog of CSCI classes where I can see how many credit hours is each.

der   **Undergraduate Catalog**   **Graduate Catalog**   **Law Catalog**   **Programs A-Z**   **Courses A-Z**

puter Science (CSCI)   🖨 Print/Download Options

Computer Science (CSCI)

Courses

Show only these courses...

All	⬍

CSCI 1000 (1) Computer Science as a Field of Work and Study
Introduces curriculum, learning techniques, time management and career opportunities in Computer Science. Includes presentations from alumni and others with relevant educational and professional experience. Does not count as Computer Science credit for the Computer Science BA.
Requisites: Restricted to students with 0-26 credits (Freshmen) Computer Science (CSEN-BS, CSEN-ADL, CSCI-BA or CSCI-ADL) majors only.
Additional Information:
   Departmental Category: General Computer Science

CSCI 1200 (3) Introduction to Computational Thinking
Teaches computational thinking and techniques for writing computer programs using the Python programming language. Intended for students who realize that computational skills are beneficial to all fields of study, but who have little or no experience in programming or are not Computer Science majors. Students will be expected to create computer programs to solve problems in a range of disciplines. Does not count as Computer Science credit for the Computer Science BA, BS, or minor.
Additional Information:
   Departmental Category: General Computer Science

CSCI 1220 (4) Virtual Worlds: An Introduction to Computer Science

⑤

Search Class	Search Results
	Found 76 courses

CSCI

4 credit hrs

fall 2018

CSCI

CU Boulder

Any Career

Search Results
Found 76 courses

CSCI 1220   Introduction to
Computer Science

1 Lecture, 6 laboratories
→ 7-9 hours of work per week

CSCI 1300 Starting
Computing

3 Lectures, 12 recitation
→ 10-12 hours of work per week

2nd visualization

① Question: What's a 4 credit hour class that has the best average of students passing with an **A** & does not require more than 10 hours of work per week?

② The user would compare the average number of students that pass with an "A" grade & the hours of work per week, with the class with the higher average of student that got "A"

ERIKA BAILON - no partner

Table I downloaded from the Colorado.edu page about the distribution of grades.

C4221 | fx | CSCI

CrsPBACol	CrsPBADiv	Subject	Course	Avg Enrl	Total Enrl	Avg Grade	Avg Hours	PCT A	PCT B	PCT C	PCT C MINUS OR BELOW	PCT DF	PCT DFW	Workload Raw	Avg Course	Avg Instructor	Avg N_Ret	Sections	Total N_Ret
			2500	22	43	3.93	1.0	91%	9%	0%	0%	0%	0%	1.1	5.18	5.79	19.0	2	38
			2830	12	36	3.19	1.0	56%	27%	3%	14%	14%	19%	1.2	5.18	5.69	9.3	3	28
			3051	18	18	3.91	1.0	89%	11%	0%	0%	0%	10%	1.1	4.60	5.80	10.0	1	10
			3052	14	14	3.95	1.0	92%	8%	0%	0%	0%	0%	1.1	5.00	6.00	7.0	1	7
			3210	12	12	3.47	3.0	58%	33%	8%	0%	0%	0%	2.8	5.11	4.89	9.0	1	9
			5830	23	23	4.00	3.0	100%	0%	0%	0%	0%	4%	3.8	4.50	4.47	16.0	1	16
		⊟ CSCI	1000	93	1021	3.32	1.0	62%	22%	7%	9%	8%	12%	1.3	3.82	4.81	55.0	11	605
			1200	59	470	2.43	3.3	30%	26%	17%	31%	27%	37%	3.1	3.68	3.90	29.5	8	236
			1220	60	181	2.82	4.0	49%	17%	16%	27%	18%	26%	2.6	4.65	5.26	48.7	3	146
			1240	31	183	2.92	3.0	44%	29%	16%	19%	12%	21%	2.0	4.65	5.11	18.2	6	109
			1300	174	6962	2.96	4.0	47%	26%	14%	17%	14%	21%	3.2	4.61	4.80	97.4	40	3897
			1310	85	424	3.00	4.0	50%	25%	11%	16%	14%	24%	3.0	4.89	4.99	44.2	5	221
			1320	201	1813	2.93	4.0	38%	33%	18%	14%	11%	17%	3.3	3.97	4.03	86.8	9	781
			2270	150	4345	3.01	4.0	47%	28%	13%	16%	12%	19%	3.4	4.54	4.64	81.6	29	2365
			2400	132	2500	2.66	4.0	25%	36%	25%	18%	13%	18%	3.9	4.38	4.56	67.2	19	1277
			2820	71	566	2.80	3.0	29%	39%	20%	15%	11%	15%	2.7	4.46	4.73	36.8	8	294
			2824	102	2437	2.97	3.0	40%	35%	16%	13%	9%	14%	2.7	4.53	5.09	53.6	24	1286
			2830	25	222	2.98	2.3	37%	33%	22%	15%	7%	15%	2.3	4.25	4.45	16.3	9	147
			3002	75	905	3.59	3.0	72%	21%	4%	3%	3%	5%	2.2	4.29	4.80	50.0	12	600
			3010	36	36	2.71	3.0	44%	22%	11%	22%	22%	39%	4.0	4.81	5.00	16.0	1	16
			3022	58	292	2.49	3.0	20%	41%	21%	24%	19%	29%	4.0	4.20	5.20	34.8	5	174
			3100	12	12	3.87	1.0	92%	8%	0%	0%	0%	0%	1.2	4.25	5.92	12.0	1	12
			3104	86	2409	3.03	4.0	38%	40%	14%	11%	8%	13%	3.2	4.62	4.93	51.2	28	1330
			3112	52	778	3.61	1.1	75%	16%	6%	3%	3%	5%	1.0	6.00	6.00	1.0	15	1
			3155	71	1637	3.05	4.0	43%	33%	17%	14%	7%	11%	3.8	4.10	4.64	44.4	23	1022
			3202	67	808	3.24	3.0	53%	31%	10%	9%	7%	11%	3.0	4.27	4.47	42.3	12	507
			3287	69	1035	3.10	3.0	45%	33%	14%	9%	7%	9%	2.4	3.49	3.72	27.7	15	416
			3302	37	259	3.42	3.0	53%	42%	3%	2%	2%	5%	2.7	4.52	4.90	27.4	7	192
			3308	102	2035	3.28	3.0	54%	30%	12%	7%	5%	6%	2.8	4.31	4.53	58.2	20	1106
			3403	196	196	3.02	4.0	34%	45%	17%	4%	4%	7%	2.5	4.30	4.90	91.0	1	91
			3434	27	404	3.44	3.0	59%	30%	8%	3%	2%	5%	2.5	4.68	5.05	19.9	15	299
			3656	39	620	2.61	3.0	27%	35%	20%	21%	17%	21%	2.9	4.26	4.57	23.7	16	356
			3702	32	316	2.92	3.0	36%	39%	14%	13%	10%	14%	2.5	4.11	4.68	22.4	10	224
			3753	93	1486	2.81	4.0	31%	39%	18%	15%	11%	15%	3.5	4.58	4.75	54.3	16	868
			4113	59	416	3.45	3.0	65%	24%	7%	6%	4%	5%	2.8	5.24	5.45	38.7	7	271
			4123	17	34	2.82	3.0	29%	30%	41%	4%	0%	0%	5.8	5.25	4.88	4.0	2	8
			4133	32	32	3.70	3.0	75%	22%	3%	0%	0%	0%					1	
			4202	25	25	3.30	3.0	76%	10%	0%	14%	14%	21%	3.2	4.43	4.57	14.0	1	14
			4229	68	811	3.66	3.0	82%	12%	2%	5%	4%	7%	3.3	5.08	5.37	36.4	12	437
			4239	23	139	3.54	3.0	76%	17%	3%	6%	5%	12%	3.6	5.44	5.70	10.7	6	64
			4250	14	28	4.00	3.0	100%	0%	0%	0%	0%	9%	2.8	5.78	5.89	9.5	2	19
			4273	52	723	3.21	3.0	48%	35%	10%	8%	7%	10%	4.1	4.65	4.74	29.6	14	415
			4302	37	74	3.74	3.0	80%	17%	2%	1%	1%	5%	4.0	5.13	5.47	27.5	2	55
			4308	62	749	3.55	4.0	69%	22%	7%	3%	2%	3%	3.7	4.32	4.61	48.5	12	582

③ – Data from Colorado.edu. → Grades distribution & FCQ's. There is an excel sheet you can download to obtaint the grades distribution of EVERY class

— Catalog. Colorado. Edu → Courses A-Z →, CSCI to look at the credit hours

④ Data needed

CSCI 4 cred. hrs	Averages	worked hrs per week
Class • CSCI 1220 Intro to CompSci	PCT A → 49% PCT B → 17% PCT C → 16%	7-9
• CSCI 1300 Starting Computing	PCT A → 47% PCT B → 26% PCT C → 14%	10-12
• CSCI 2270 Data Structures	PCT A → 47% PCT B → 28% PCT C → 13%	7-9

⑤

Search Class	Search Results
	Found 76 courses
CSCI	CSCI 1220 Introduction to Comp Science
	1 Lecture, 6 laboratories
4 credit hours	→ PCT A → 49%
	→ 7-9 hours of work per week
Average of A	
	CCSI 1300 · Starting Computing
Fall 2018	
	3 Lectures, 12 recitations
CSCI	→ PCT A → 47%
CU Boulder	→ 10-12 hours of work per week