



The Math Department is considering the viability of an honors calculus course, at the request of the Honors Committee. The Office of Institutional Effectiveness, Research and Planning was contacted for help regarding this request and was asked to provide information on the following:

- What is the total number of honors students per year, for the past 5 years?
- Separate STEM and non- STEM majors, for honors students for the past 5 years.
- How many honors courses are given each year?
 - How many students are enrolled in each one?
 - What are their fill rates?
- How many honors Chemistry courses have been offered in the past 5 years?
- How many honors Astronomy courses have been offered in the past 5 years?

Accordingly, the data included below is provided as requested and can help to examine the possible demand for an honors course at CHC.

What is the total number of honors students per year, for the past 5 years?

Table 1. Number of CHC Honors students per academic year for the past five academic years.

Academic Year	16-17	17-18	18-19	19-20	20-21
# Unique honors students per year	51	76	104	100	97

Source: Informer

Note: Only primary terms were included in this analysis.

Separate STEM and non-STEM majors, for honors students for the past 5 years.

Table 2. CHC Honors students' list of academic majors (active and/or graduated) for the past five academic years.

Academic Program	16-17	17-18	18-19	19-20	20-21
Biology	3	6	14	18	25
Chemistry	-	5	8	7	7
Computer Science	2	3	5	8	10
Geology	-	1	-	-	-
Mathematics	7	7	14	9	8
Physics	3	6	11	7	4
American Sign Language	1	-	-	-	1
Anthropology	1	3	5	3	1
Arabic	-	-	-	1	-
Art	-	2	2	3	4
Art History	-	1	1	1	-
Business Administration	2	7	11	11	10
Child Development	-	-	1	-	1
Communication	-	1	2	1	-
Communication Studies	1	3	5	3	4
Computer Information Systems	-	1	1	1	-
Early Childhood Education	-	-	-	-	1
Economics	2	1	-	3	2
Emergency Medical Technician - I	1	3	2	2	1
Emergency Medical Technician - Paramedic	-	-	-	-	1
English	1	2	7	7	7
Environmental Science	-	1	-	1	2

Academic Program	16-17	17-18	18-19	19-20	20-21
Fine Arts	1	1	3	3	1
Fire Technology	1	-	-	-	-
Firefighter I Basic Training Academy	-	1	1	1	1
Health Sciences	6	4	8	7	8
History	-	2	7	5	1
Humanities	-	-	2	2	1
Japanese	2	1	1	-	1
Kinesiology	-	-	1	-	-
Multiple Sciences	11	9	11	5	5
Music	-	-	-	2	3
Nutrition and Dietetics	-	-	-	-	1
Philosophy	1	1	5	2	2
Political Science	4	4	7	3	2
Psychology	3	2	5	9	10
Public Health Science	-	-	1	-	-
Radiologic Technology	-	1	1	1	1
Religious Studies	-	-	1	1	1
Respiratory Care	-	-	1	-	-
Social Science	10	18	17	15	7
Sociology	2	3	3	2	4
Spanish	3	2	3	3	-
Studio Arts	-	1	2	2	1
Theatre Arts	3	3	3	3	2
Undecided	1	2	4	6	9
Undeclared (Personal Growth, Recertification, etc.)	-	1	-	-	1
Accounting @ Valley	-	-	-	1	1
Alcohol/Drug Studies @ Valley	-	-	-	-	1
Android Application Security Support Specialist @ Valley	-	-	-	-	1
Architectural and Environmental Design @ Valley	-	-	-	1	-
Child Development - Site Supervisor @ Valley	-	-	-	-	1
Liberal Arts: Humanities & Fine Arts @ Valley	-	-	-	-	1
Nursing @ Valley	-	1	1	-	1
CSU General Ed - CSUGE Breadth	14	19	22	15	7
Intersegmental General Education Transfer Curriculum IGETC	3	17	40	40	21
Total	89	146	239	215	185

Source: Informer

Note: Only primary terms were included in this analysis. This table includes all academic programs honors students were either active in and/or graduated from in our district, therefore totals do not denote the unique number of students participating in that academic program (for information on academic programs by college contact researcher). Finally, green highlighted cells denote STEM majors and blue highlighted cells denote non-STEM majors.

How many honors courses are offered each year?

Table 3. Number of honors courses offered from 2016-2017 to 2020-2021.

Academic Year	Number of honors courses offered
2016-2017	32
2017-2018	35
2018-2019	36
2019-2020	37
2020-2021	36
Total	176

Source: Executive Information System (EIS)

Note: Only primary terms were included in this analysis.

How many honors courses are offered each year? How many students are enrolled in each one? What are their fill rates?

Table 4. List of honors courses, census enrollments, and fill rates for 16-17 through 20-21.

Course Name	Academic Year	Census Enrollment	Max Capacity	Fill Rate
ANTHRO-102H	2016-17	3	5	0.60
	2017-18	4	6	0.67
	2018-19	4	3	1.33
	2019-20	4	6	0.67
	2020-21	9	6	1.50
ANTHRO-106H	2016-17	7	5	1.40
	2017-18	1	6	0.17
	2018-19	2	3	0.67
	2019-20	2	3	0.67
	2020-21	5	3	1.67
ART-100H	2017-18	1	10	0.10
	2018-19	5	15	0.33
	2019-20	7	8	0.88
	2020-21	4	6	0.67
ART-102H	2017-18	4	35	0.11
	2018-19	7	10	0.70
	2019-20	4	33	0.12
	2020-21	5	6	0.83
ASTRON-150H	2017-18	1	3	0.33
BIOL-130H	2016-17	1	4	0.25
	2017-18	3	2	1.50
	2018-19	7	7	1.00
	2019-20	7	35	0.20
	2020-21	7	12	0.58
BIOL-131H	2016-17	0	2	0.00
	2017-18	2	2	1.00
	2018-19	5	4	1.25
	2019-20	3	6	0.50
	2020-21	10	12	0.83
CHEM-150H	2016-17	2	2	1.00
CHEM-151H	2016-17	0	2	0.00
COMMST-100H	2016-17	3	9	0.33
	2017-18	8	9	0.89
	2018-19	8	8	1.00
	2019-20	9	15	0.60
	2020-21	6	12	0.50

CHC Honors Calculus Course Viability

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Course Name	Academic Year	Census Enrollment	Max Capacity	Fill Rate
COMMST-111H	2016-17	4	7	0.57
	2017-18	2	5	0.40
	2018-19	13	8	1.62
	2019-20	8	10	0.80
	2020-21	5	12	0.42
COMMST-125H	2016-17	1	4	0.25
	2017-18	5	3	1.67
	2018-19	4	4	1.00
	2019-20	5	5	1.00
	2020-21	5	6	0.83
DANCE-200H	2016-17	3	4	0.75
ECON-200H	2016-17	2	4	0.50
	2017-18	3	4	0.75
	2018-19	4	4	1.00
	2019-20	6	5	1.20
	2020-21	6	6	1.00
ECON-201H	2016-17	1	4	0.25
	2017-18	2	4	0.50
	2018-19	4	4	1.00
	2019-20	0	5	0.00
	2020-21	5	6	0.83
ENGL-101H	2016-17	4	16	0.25
	2017-18	6	100	0.06
	2018-19	12	60	0.20
	2019-20	23	75	0.31
	2020-21	7	45	0.16
ENGL-102H	2016-17	7	14	0.50
	2017-18	16	25	0.64
	2018-19	26	43	0.60
	2019-20	29	51	0.57
	2020-21	33	45	0.73
ENGL-152H	2016-17	0	2	0.00
	2017-18	2	6	0.33
	2018-19	2	6	0.33
	2019-20	3	9	0.33
	2020-21	1	10	0.10
ENGL-155H	2017-18	1	5	0.20
GEOG-102H	2016-17	2	2	1.00
	2017-18	1	2	0.50
	2018-19	2	2	1.00

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Course Name	Academic Year	Census Enrollment	Max Capacity	Fill Rate
	2019-20	0	2	0.00
	2020-21	1	3	0.33
GEOG-110H	2018-19	0	3	0.00
	2019-20	0	2	0.00
	2020-21	1	3	0.33
GEOG-111H	2016-17	0	2	0.00
	2017-18	1	2	0.50
	2018-19	0	2	0.00
	2019-20	0	4	0.00
	2020-21	1	6	0.17
GEOL-100H	2016-17	2	6	0.33
	2017-18	1	7	0.14
	2018-19	1	6	0.17
	2019-20	3	10	0.30
	2020-21	2	8	0.25
GEOL-101H	2016-17	1	6	0.17
	2017-18	0	30	0.00
	2018-19	2	6	0.33
	2019-20	0	83	0.00
	2020-21	0	12	0.00
HEALTH-263H	2016-17	4	4	1.00
	2017-18	4	4	1.00
	2018-19	5	6	0.83
	2019-20	6	6	1.00
	2020-21	5	6	0.83
HIST-100H	2016-17	5	10	0.50
	2017-18	4	12	0.33
	2018-19	8	12	0.67
	2019-20	6	15	0.40
	2020-21	6	9	0.67
HIST-101H	2016-17	5	8	0.62
	2017-18	6	12	0.50
	2018-19	9	12	0.75
	2019-20	12	89	0.13
	2020-21	3	12	0.25
HIST-170H	2016-17	1	5	0.20
	2017-18	4	6	0.67
	2018-19	9	12	0.75
	2019-20	5	8	0.62
	2020-21	1	6	0.17

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Course Name	Academic Year	Census Enrollment	Max Capacity	Fill Rate
HIST-171H	2016-17	3	5	0.60
	2017-18	0	3	0.00
	2018-19	6	9	0.67
	2019-20	3	8	0.38
	2020-21	5	6	0.83
MATH-110H	2018-19	4	20	0.20
	2019-20	4	8	0.50
	2020-21	4	6	0.67
MUSIC-103H	2016-17	4	10	0.40
	2017-18	9	10	0.90
	2018-19	6	6	1.00
	2019-20	6	6	1.00
	2020-21	12	9	1.33
MUSIC-120H	2016-17	5	10	0.50
	2017-18	4	10	0.40
	2018-19	7	6	1.17
	2019-20	7	6	1.17
	2020-21	2	3	0.67
OCEAN-101H	2017-18	4	16	0.25
	2018-19	0	6	0.00
	2019-20	1	4	0.25
	2020-21	0	6	0.00
PHIL-101H	2018-19	2	8	0.25
	2019-20	6	6	1.00
	2020-21	6	6	1.00
PHIL-105H	2016-17	8	6	1.33
	2017-18	8	7	1.14
	2018-19	8	7	1.14
	2019-20	7	33	0.21
	2020-21	6	6	1.00
POLIT-100H	2016-17	4	7	0.57
	2017-18	8	11	0.73
	2018-19	13	12	1.08
	2019-20	5	8	0.62
	2020-21	11	14	0.79
PSYCH-100H	2016-17	6	21	0.29
	2017-18	7	25	0.28
	2018-19	12	18	0.67
	2019-20	14	12	1.17
	2020-21	5	15	0.33

Course Name	Academic Year	Census Enrollment	Max Capacity	Fill Rate
RELIG-100H	2017-18	0	50	0.00
	2018-19	5	8	0.62
	2019-20	3	3	1.00
RELIG-101H	2016-17	5	5	1.00
	2017-18	4	6	0.67
	2018-19	4	6	0.67
	2019-20	4	7	0.57
	2020-21	3	3	1.00
SOC-100H	2016-17	8	12	0.67
	2017-18	11	15	0.73
	2018-19	14	68	0.21
	2019-20	11	12	0.92
	2020-21	6	12	0.50
SOC-141H	2019-20	7	8	0.88
	2020-21	7	6	1.17
THART-100H	2016-17	5	25	0.20
	2017-18	7	25	0.28
	2018-19	7	25	0.28
	2019-20	3	18	0.17
	2020-21	5	9	0.56

Source: Executive Information System (EIS)

Note: Only primary terms were included in this analysis.

Table 4 Ends.

How many honors Chemistry courses have been offered in the past 5 years?

There were two honors Chemistry courses offered in the past five academic years (including primary terms only).

During the 2016-2017 academic year, the two honors Chemistry courses offered were:

- CHEM 150H General Chemistry I-Honors
- CHEM 151H General Chemistry II-Honors

How many honors Astronomy courses have been offered in the past 5 years?

There was one honors Astronomy course offered in the past five academic years (including primary terms only).

During the 2017-2018 academic year, the honors Astronomy course offered was:

- ASTRON 150H Introduction to Astronomy-Honors