

Chabot College

Bottlenecks

Supply and demand for courses needed for transfer and/or degrees

Bottlenecks are courses that students need in order to transfer or get a degree, which do not have enough seats to accommodate the students who need and want to take them. In other words, the supply of the courses that students need is exceeded by the demand.

Groups of Courses

GE Areas: Groups of General Education courses required for either UC or CSU. Also apply to Degrees.

- English Language Communication
- Scientific Inquiry & Quantitative Reasoning
 - Physical Science, Life Science, and Mathematics
- Arts and Humanities
- Social Sciences (includes US History, Constitution, and American Ideals)
- Lifelong Learning & Self Development

Bottlenecks were identified in three stages.

1) All Need:

The courses that all students need to transfer are:

- English 1A, 4 or 7
- Comm 1, 20, or 46
- Math 20, 31, 33, 37, 40, or 43

2) Documented supply:

The total number of seats available in an area, and how many students can be served per semester. A bottleneck is the area with the lowest number of students who can complete their requirements in each area each semester. This limits the number of students who can transfer or get a degree.

3) Documented demand:

The total number of students on the waitlist in each area. A bottleneck is the area or course with the highest number of waitlisted students.

- Almost all courses had waitlists.
- Courses with the largest number of students on the waitlist:
 - HIS 7, 8
 - POSC 1
 - SOC 1
 - HLTH 1
 - BIOL 31
 - PSY 1
 - ENGL 1A, 4, 7
 - COMM 1
 - MATH 43
 - ARTH 1, PHIL 50, NUTR 1

The numbers on the waitlists can be translated into the number of sections needed to accommodate those students on each waitlist.