

NSSE 2014 RESULTS

# SJSU Detail by College

## NSSE 2014 DETAIL BY COLLEGE

# Measures of Overall Satisfaction at SJSU

### Often minimal differences between colleges

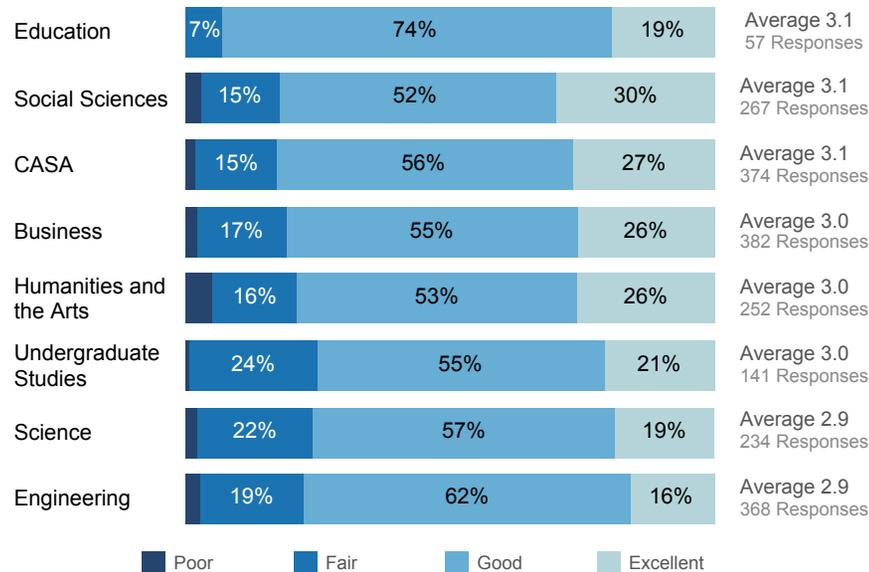
How much do student experiences differ based on their home college at SJSU? The differences are modest for the most part, according to an IEA analysis. Based on NSSE student ratings of their overall experience on campus, most of the colleges were in a statistical tie, and all hewed closely to the university average of 3.0 (the scale's maximum was 4.0). The sample included only freshmen and seniors.

On a probability basis, Engineering was the only college with an average that was statistically lower than any of the others. This was partly the result of its relatively large sample size, and the gap was only measurable versus Social Sciences and CASA. A related question asked students if they would choose SJSU again if they could start over. Science students were less likely to say "yes" than their peers Business, CASA, and Social Sciences, while undeclared students (mostly freshmen) also were less likely than those in Business.

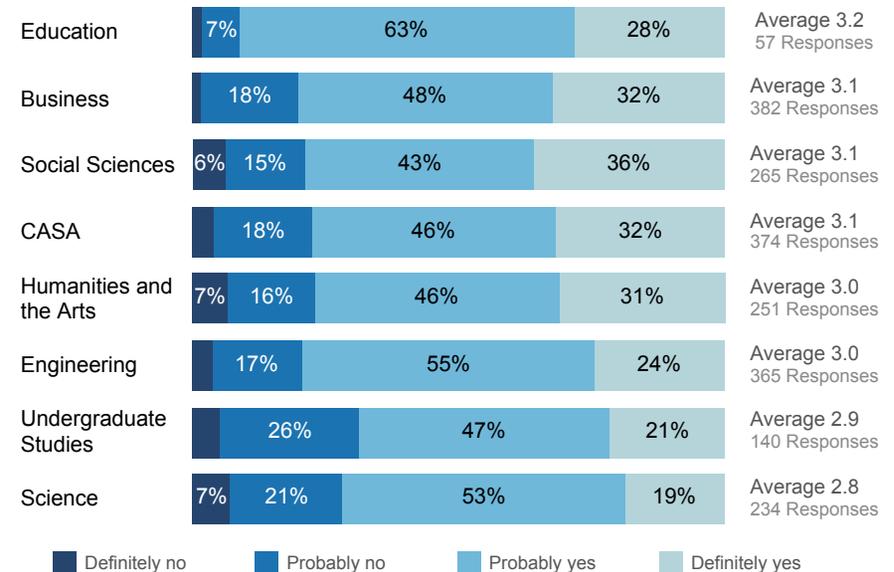
A similar pattern held for specific kinds of experiences the NSSE examined. The survey showed few differences by college on a number of composite indicators. In certain cases, the colleges varied in ways that could be expected; for instance, Engineering students reported more frequent use of quantitative reasoning, while students in Social Sciences and CASA reported higher levels of reflective and integrative learning. One unexpected difference was in effective teaching practices—how well instructors organize classes and teach the material. Engineering students reported significantly less exposure to such practices than did their peers from several other colleges. Another measure probed the extent of student-faculty contact outside class; students in CASA majors reported notably higher rates of such interactions. On separate questions, undeclared students rated the quality of their interactions with both advisors and faculty noticeably lower than did other students.

Details on these and other measures can be found on the following pages.

### Overall experience at SJSU



### Would do it over again



Data are from the National Survey of Student Engagement (NSSE), administered at SJSU in spring 2014. College is based on the student's major at the time of the survey. Figures include both freshman and senior responses.

## Measures of Academic Challenge and Experiences with Faculty

### Higher Order Learning

How much students' coursework emphasizes analysis and application of ideas in new ways

Social Sciences	Average 43.6
CASA	Average 42.6
Science	Average 42.0
Education	Average 41.7
Undergraduate Studies	Average 40.2
Engineering	Average 39.9
Humanities and the Arts	Average 39.9
Business	Average 39.5

### Reflective & Integrative Learning

Personally connecting with course material and relating it to students' understandings and experiences

Social Sciences	Average 41.3
CASA	Average 40.3
Education	Average 38.8
Humanities and the Arts	Average 38.5
Undergraduate Studies	Average 37.3
Business	Average 36.4
Science	Average 35.6
Engineering	Average 34.2

### Effective Teaching Practices

Organized instruction, clear explanations, other teaching methods that promote student comprehension and learning

Education	Average 42.4
Social Sciences	Average 42.3
CASA	Average 40.8
Undergraduate Studies	Average 40.5
Humanities and the Arts	Average 40.5
Business	Average 39.2
Science	Average 38.3
Engineering	Average 36.1

### Learning Strategies

How often students engaged with and analyzed course material actively

Social Sciences	Average 40.3
Education	Average 40.1
CASA	Average 40.1
Business	Average 39.4
Science	Average 39.1
Undergraduate Studies	Average 38.9
Humanities and the Arts	Average 38.2
Engineering	Average 37.3

### Quantitative Reasoning

The ability to use and understand numerical and statistical information in everyday life

Engineering	Average 35.3
Science	Average 31.8
CASA	Average 30.9
Social Sciences	Average 30.4
Business	Average 30.2
Undergraduate Studies	Average 29.9
Education	Average 27.3
Humanities and the Arts	Average 21.8

### Student-Faculty Interaction

The frequency and variety of substantive interactions between students and faculty

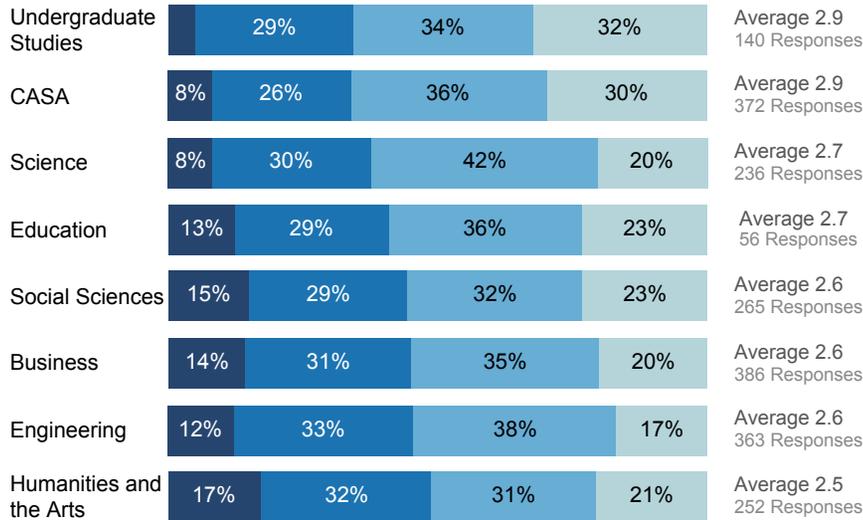
CASA	Average 24.0
Social Sciences	Average 20.8
Humanities and the Arts	Average 20.1
Engineering	Average 19.9
Science	Average 18.8
Education	Average 18.3
Undergraduate Studies	Average 17.7
Business	Average 17.6

Data are from the National Survey of Student Engagement (NSSE), administered at SJSU in spring 2014. Indicators on this page are measured on a scale from 0 to 60. Each one is a composite of three or more questions from the survey. The averages are shown for freshmen and seniors combined. College is based on the student's major at the time of the survey.

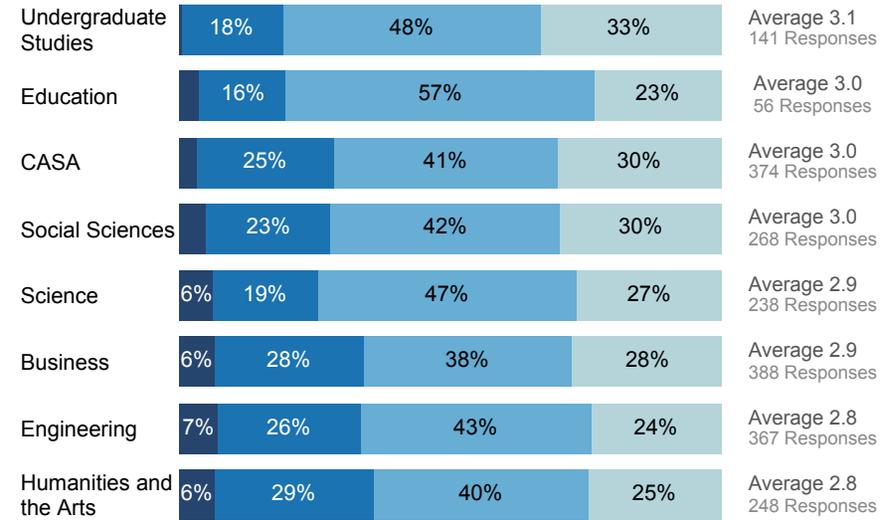
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# Measures of Supportive Environment

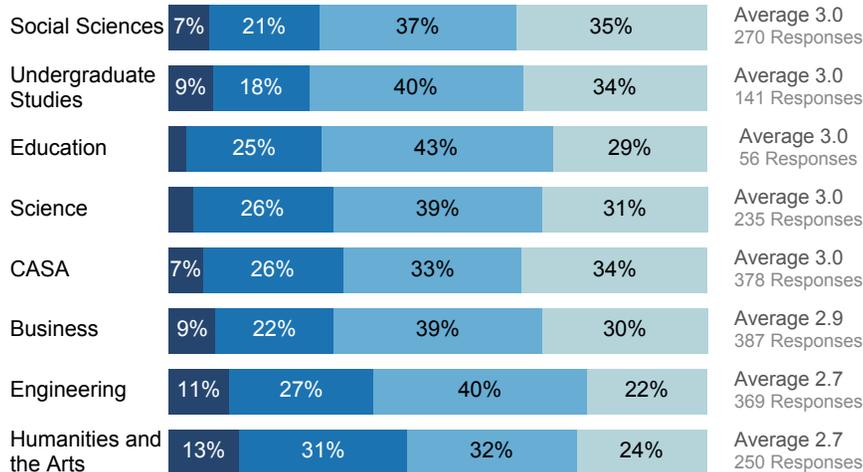
## Providing support for overall well-being



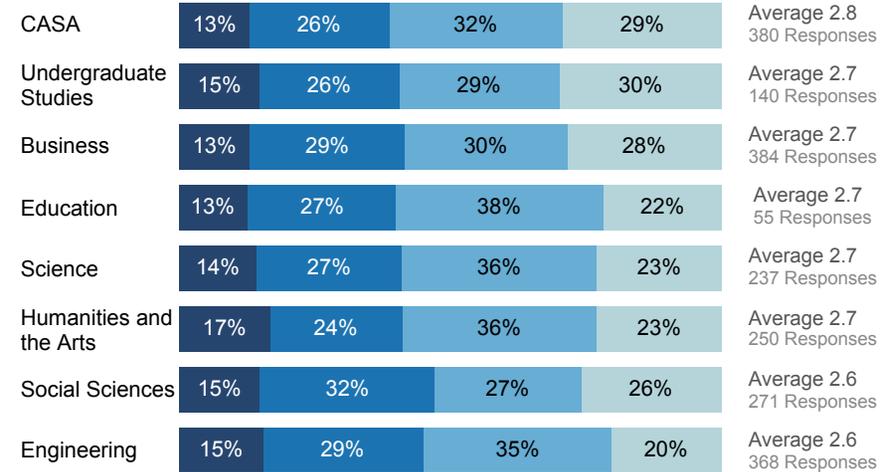
## Providing support to help students succeed academically



## Using learning support services



## Encouraging contact among students of different backgrounds



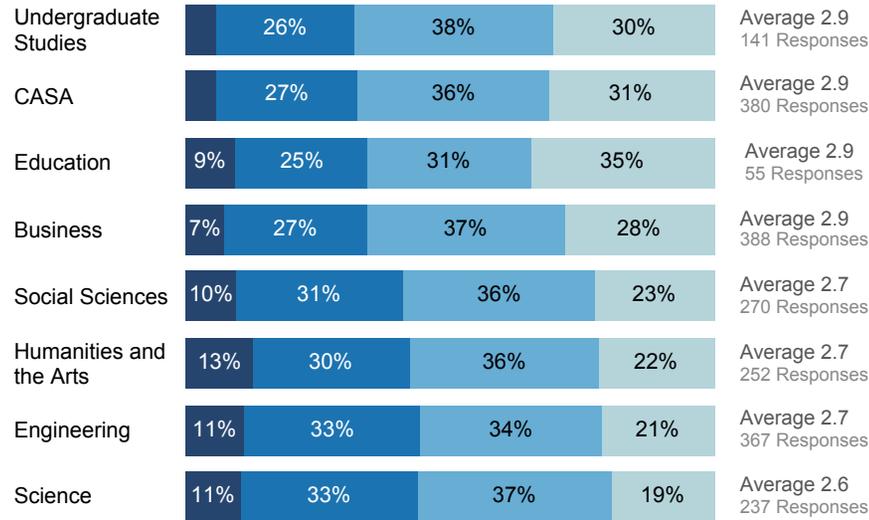
Very little    Some    Quite a bit    Very much

Data are from the National Survey of Student Engagement (NSSE), administered at SJSU in spring 2014. Responses are on a scale from 1 (very little) to 4 (very much). Figures are for freshmen and seniors combined. College is based on the student's major at the time of the survey.

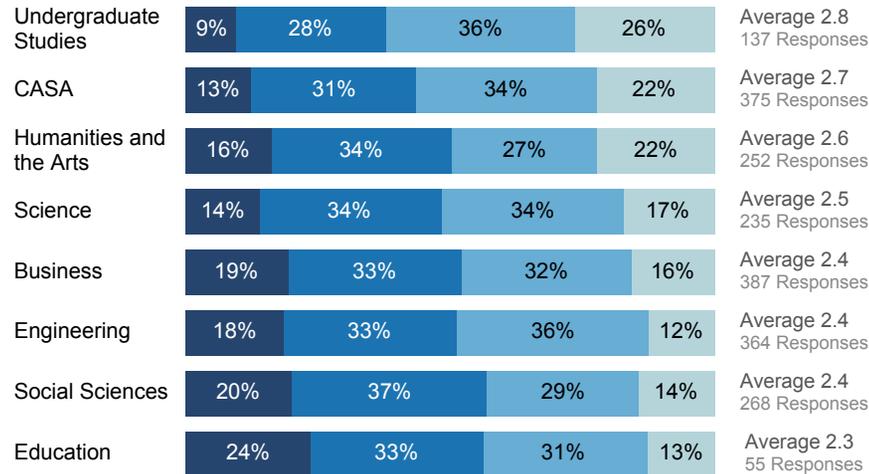
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## Measures of Supportive Environment (continued)

### Opportunities to be involved socially

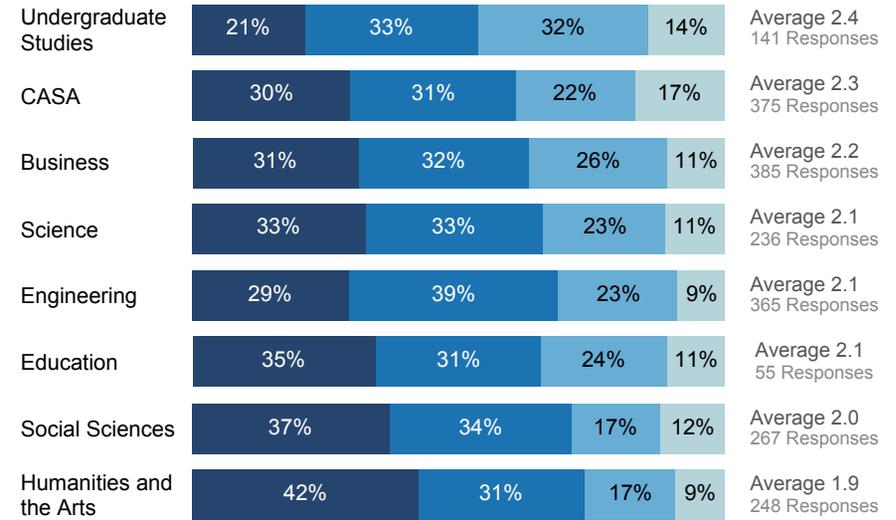


### Attending campus activities and events

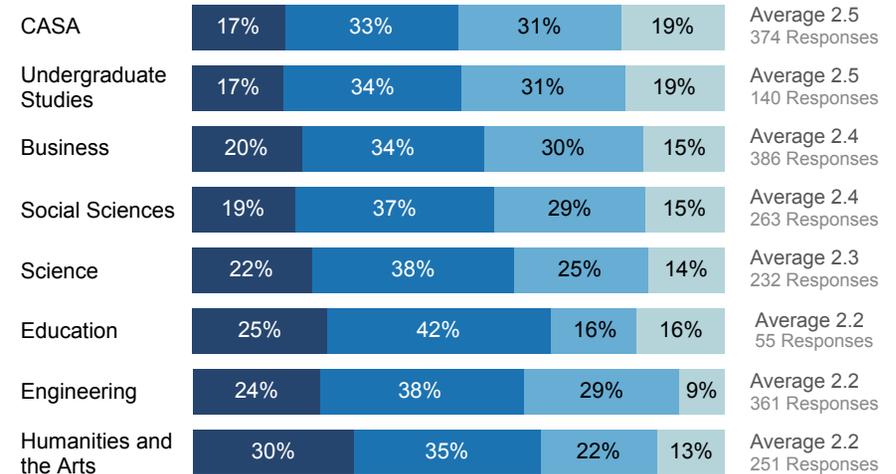


Very little    Some    Quite a bit    Very much

### Helping manage non-academic responsibilities



### Attending events on important social, economic, political issues

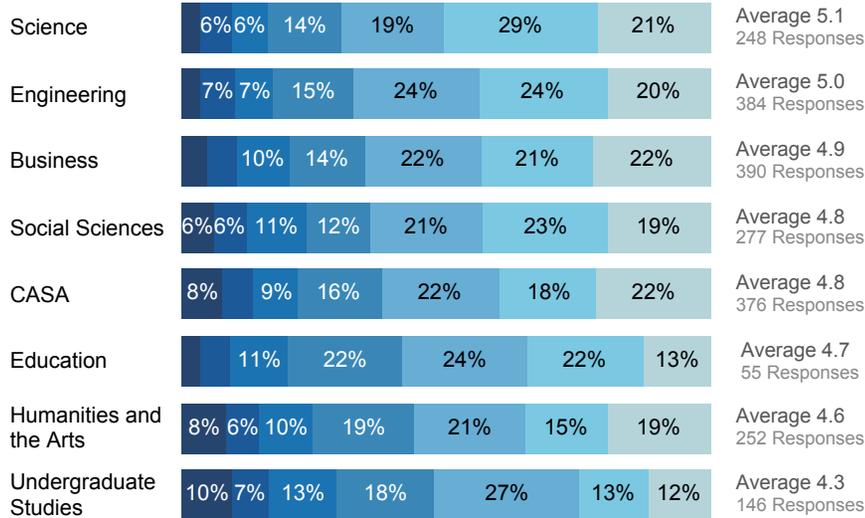


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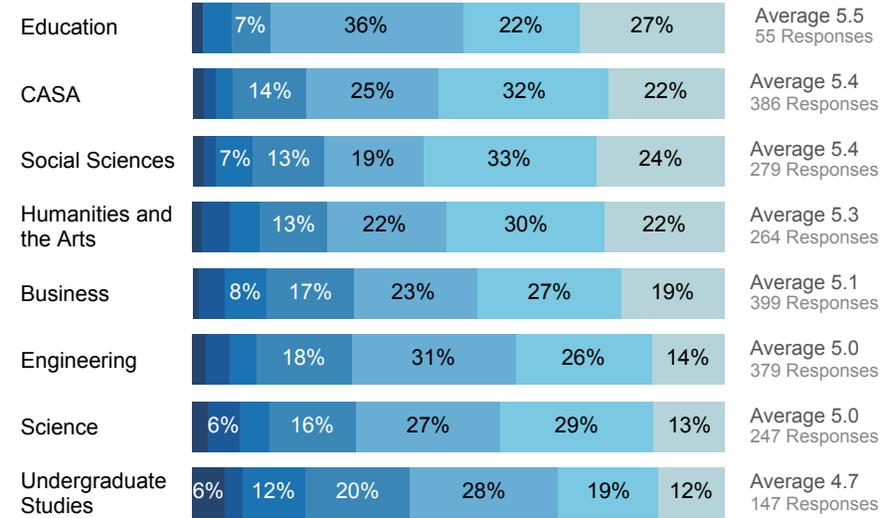
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# Measures of Quality of Interactions on Campus

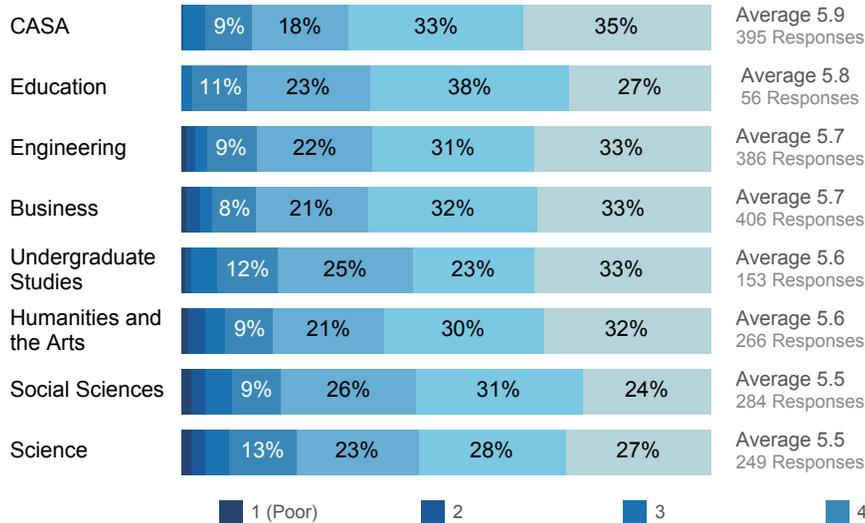
## Quality of interactions with advisors



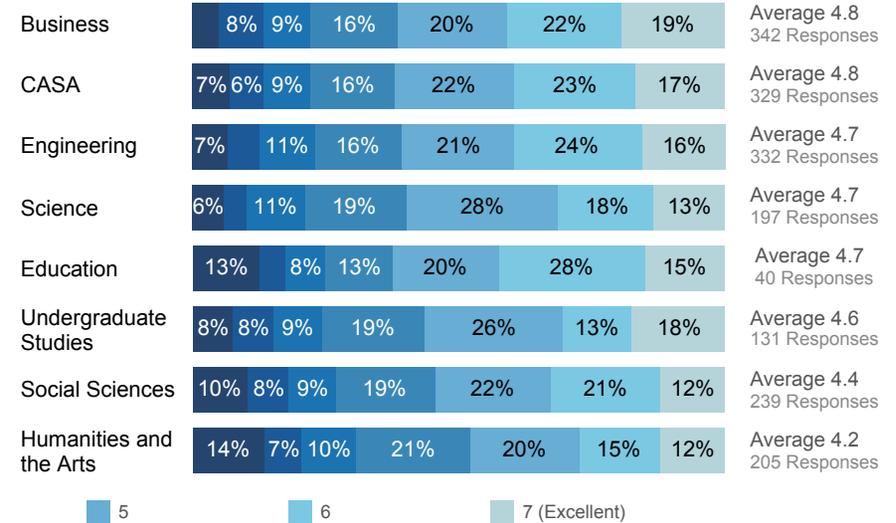
## Quality of interactions with faculty



## Quality of interactions with fellow students



## Quality of interactions with student services staff



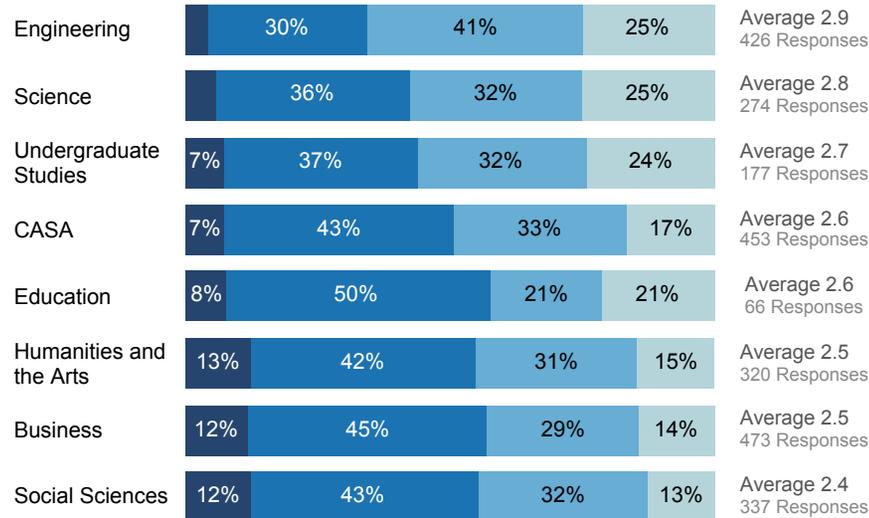
1 (Poor) 2 3 4 5 6 7 (Excellent)

Data are from the National Survey of Student Engagement (NSSE), administered at SJSU in spring 2014. Responses are on a scale from 1 (poor) to 7 (excellent). Figures are for freshmen and seniors combined. College is based on the student's major at the time of the survey.

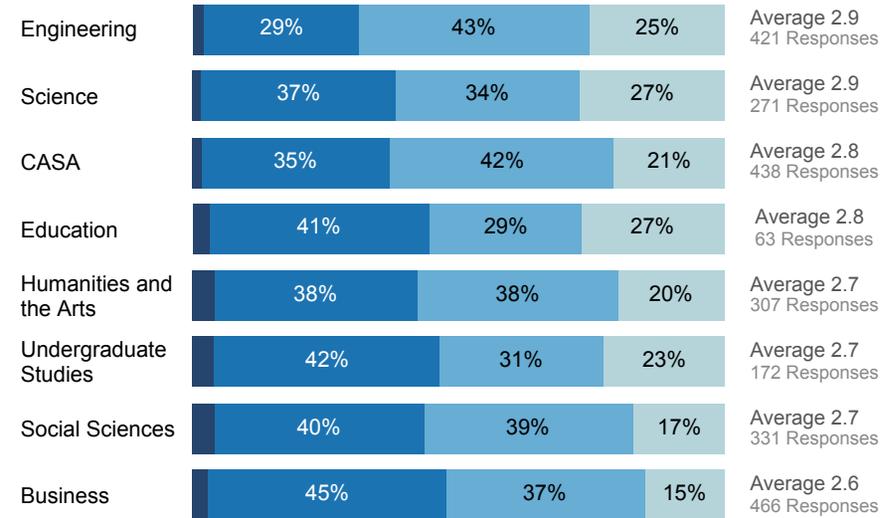
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# Measures of Collaborative Learning

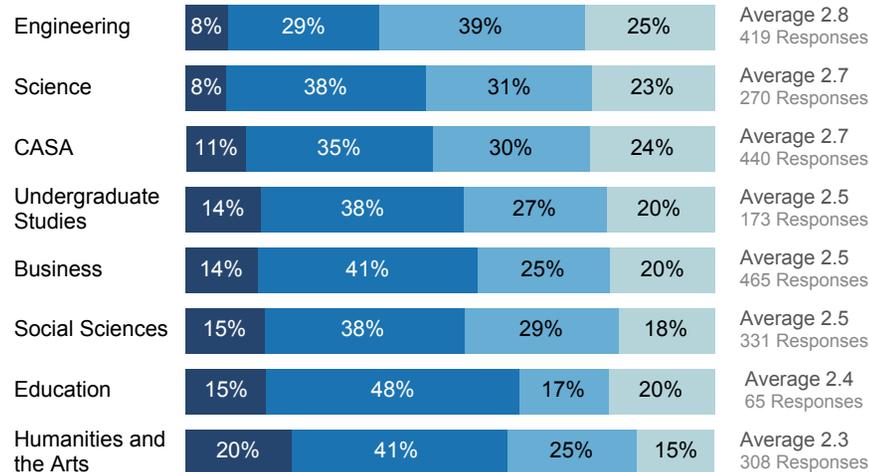
## Asked another student for help



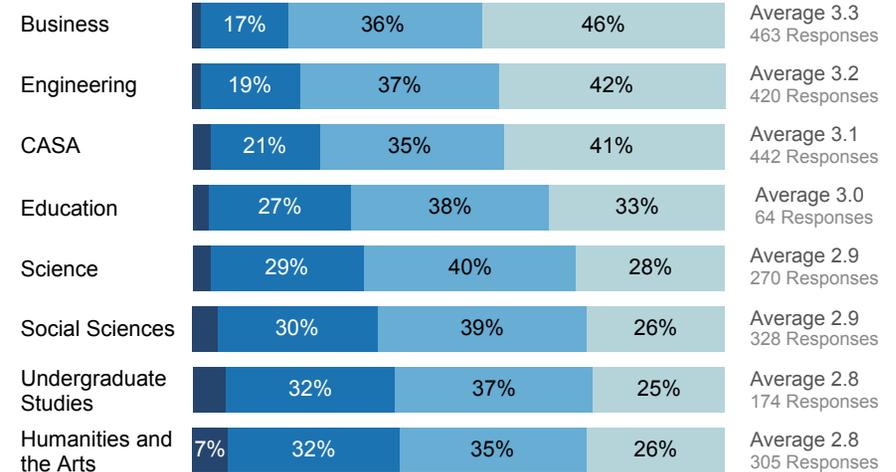
## Explained material to other students



## Prepared for exams with other students



## Worked on project with other students



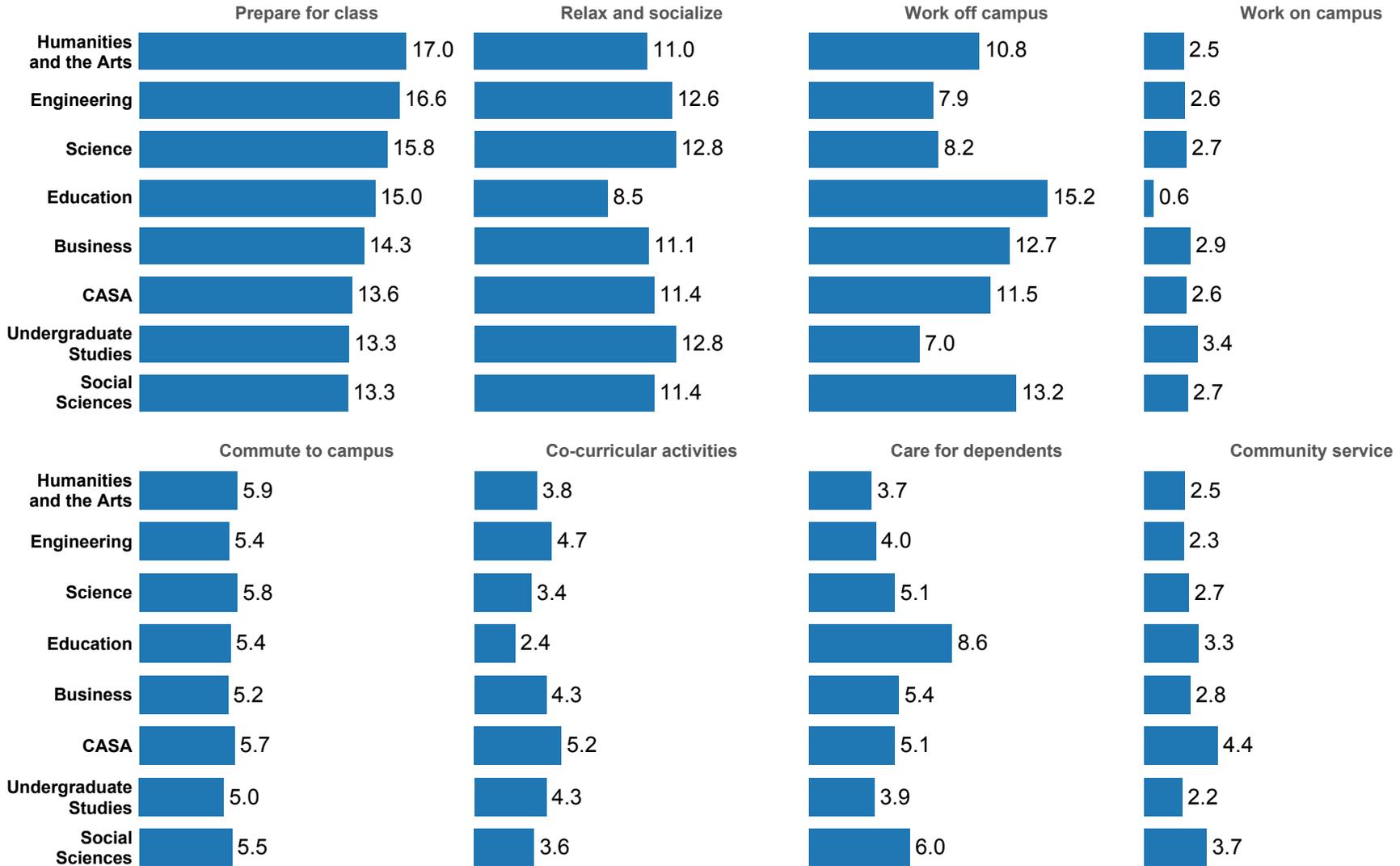
Never
  Sometimes
  Often
  Very often

Data are from the National Survey of Student Engagement (NSSE), administered at SJSU in spring 2014. Responses are on a scale from 1 (never) to 4 (very often). Figures are for freshmen and seniors combined. College is based on the student's major at the time of the survey.

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# How Students Spend Their Time

Average weekly hours reported for various activities outside class



Data are from the National Survey of Student Engagement (NSSE), administered at SJSU in spring 2014. Average hours are estimated from closed-end response ranges. Students who indicated not spending any time on an activity are entered as zero hours. Figures are for freshmen and seniors combined. College is based on the student's major at the time of the survey.