SKYLINE COLLEGE STUDENT CHARACTERISTICS Biology Face-to-Face Courses

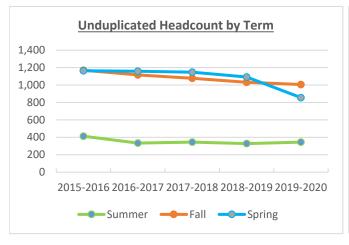


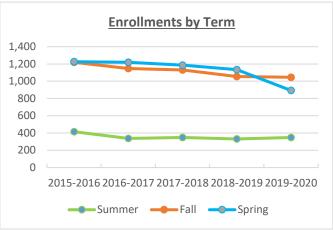
Unduplicated Headcount by Term

| Term | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
|--------|-----------|-----------|-----------|-----------|-----------|
| Summer | 413 | 335 | 345 | 328 | 346 |
| Fall | 1,170 | 1,117 | 1,078 | 1,031 | 1,006 |
| Spring | 1,164 | 1,159 | 1,148 | 1,093 | 856 |
| Total | 2,323 | 2,225 | 2,177 | 2,058 | 1,859 |

Enrollments by Term

| Term | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
|--------|-----------|-----------|-----------|-----------|-----------|
| Summer | 415 | 338 | 349 | 331 | 349 |
| Fall | 1,219 | 1,148 | 1,130 | 1,055 | 1,046 |
| Spring | 1,226 | 1,219 | 1,186 | 1,134 | 893 |
| Total | 2,860 | 2,705 | 2,665 | 2,520 | 2,288 |





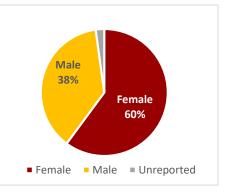
SKYLINE COLLEGE STUDENT CHARACTERISTICS

Biology Face-to-Face Courses



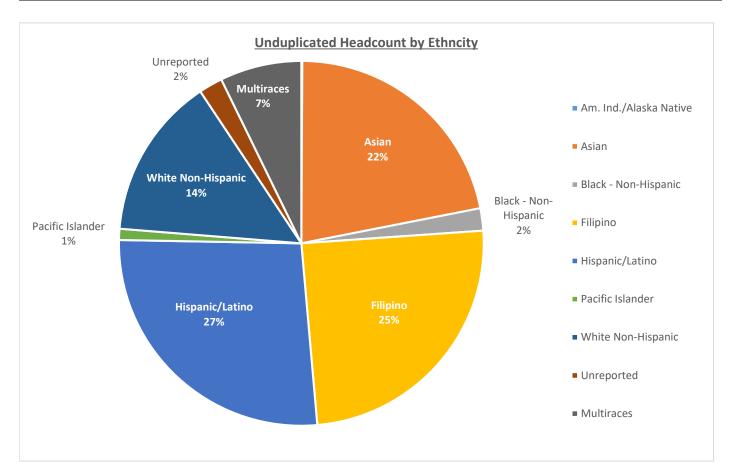
Unduplicated Headcount by Gender

| Year | Female | F % | Male | М % | Unreported | U % |
|-----------|--------|-------|-------|-------|------------|------|
| 2015-2016 | 1,385 | 59.6% | 881 | 37.9% | 57 | 2.5% |
| 2016-2017 | 1,369 | 61.5% | 798 | 35.9% | 58 | 2.6% |
| 2017-2018 | 1,337 | 61.4% | 793 | 36.4% | 47 | 2.2% |
| 2018-2019 | 1,276 | 62.0% | 741 | 36.0% | 41 | 2.0% |
| 2019-2020 | 1,183 | 63.6% | 643 | 34.6% | 33 | 1.8% |
| Total | 4,813 | 60.1% | 3,020 | 37.7% | 174 | 2.2% |



Unduplicated Headcount by Ethnicity

| Ethnicity | 2015-2016 | 15-16 % | 2016-2017 | 16-17 % | 2017-2018 | 17-18 % | 2018-2019 | 18-19 % | 2019-2020 | 19-20 % |
|------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| Am. Ind./Alaska Native | 2 | 0.1% | 2 | 0.1% | 3 | 0.1% | 4 | 0.2% | 3 | 0.2% |
| Asian | 507 | 21.8% | 444 | 20.0% | 448 | 20.6% | 380 | 18.5% | 351 | 18.9% |
| Black - Non-Hispanic | 46 | 2.0% | 48 | 2.2% | 54 | 2.5% | 57 | 2.8% | 34 | 1.8% |
| Filipino | 574 | 24.7% | 566 | 25.4% | 585 | 26.9% | 536 | 26.0% | 467 | 25.1% |
| Hispanic/Latino | 620 | 26.7% | 635 | 28.5% | 601 | 27.6% | 594 | 28.9% | 559 | 30.1% |
| Pacific Islander | 23 | 1.0% | 26 | 1.2% | 21 | 1.0% | 25 | 1.2% | 22 | 1.2% |
| White Non-Hispanic | 334 | 14.4% | 313 | 14.1% | 273 | 12.5% | 273 | 13.3% | 248 | 13.3% |
| Unreported | 49 | 2.1% | 29 | 1.3% | 31 | 1.4% | 31 | 1.5% | 52 | 2.8% |
| Multiraces | 168 | 7.2% | 162 | 7.3% | 161 | 7.4% | 158 | 7.7% | 123 | 6.6% |



SKYLINE COLLEGE STUDENT CHARACTERISTICS

Biology Face-to-Face Courses



Unduplicated Headcount by Age

| Age | 2015-2016 | 15-16 % | 2016-2017 | 16-17 % | 2017-2018 | 17-18 % | 2018-2019 | 18-19 % | 2019-2020 | 19-20 % |
|--------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| Age Under 18 | 141 | 6.1% | 107 | 4.8% | 124 | 5.7% | 134 | 6.5% | 126 | 6.8% |
| Age 18 - 22 | 1,304 | 56.1% | 1,278 | 57.4% | 1,199 | 55.1% | 1,107 | 53.8% | 1,021 | 54.9% |
| Age 23 - 28 | 550 | 23.7% | 533 | 24.0% | 537 | 24.7% | 469 | 22.8% | 414 | 22.3% |
| Age 29 - 39 | 234 | 10.1% | 228 | 10.2% | 242 | 11.1% | 263 | 12.8% | 236 | 12.7% |
| Age 40 - 49 | 71 | 3.1% | 53 | 2.4% | 55 | 2.5% | 61 | 3.0% | 49 | 2.6% |
| Age 50 - 59 | 21 | 0.9% | 23 | 1.0% | 16 | 0.7% | 22 | 1.1% | 12 | 0.6% |
| Age 60 + | 2 | 0.1% | 3 | 0.1% | 4 | 0.2% | 2 | 0.1% | 1 | 0.1% |
| Total | 2,323 | | 2,225 | | 2,177 | | 2,058 | | 1,859 | |

Unduplicated Headcount by Education Goal

| Education Goal | 2015-2016 | 15-16 % | 2016-2017 | 16-17 % | 2017-2018 | 17-18 % | 2018-2019 | 18-19 % | 2019-2020 | 19-20 % |
|--------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 4yr stu take class for 4yr col | 212 | 9.1% | 163 | 7.3% | 137 | 6.3% | 131 | 6.4% | 127 | 6.8% |
| College Preparation | 25 | 1.1% | 18 | 0.8% | 24 | 1.1% | 21 | 1.0% | 21 | 1.1% |
| CTE Certif/Career Dev | 285 | 12.3% | 251 | 11.3% | 236 | 10.8% | 218 | 10.6% | 201 | 10.8% |
| Degree/Transfer | 1,566 | 67.4% | 1,576 | 70.8% | 1,602 | 73.6% | 1,530 | 74.3% | 1,368 | 73.6% |
| Exploratory | 235 | 10.1% | 217 | 9.8% | 178 | 8.2% | 158 | 7.7% | 142 | 7.6% |
| Total | 2,323 | | 2,225 | | 2,177 | | 2,058 | | 1,859 | |

Unduplicated Headcount by Fall Unit Load

| Unit Load | FA15 | FA15 % | FA16 | FA16 % | FA17 | FA17 % | FA18 | FA18 % | FA19 | FA19 % |
|------------------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| Full Time (12+ Units) | 519 | 44.4% | 467 | 41.8% | 482 | 44.7% | 458 | 44.4% | 488 | 48.5% |
| Part Time (< 12 Units) | 651 | 55.6% | 650 | 58.2% | 596 | 55.3% | 573 | 55.6% | 518 | 51.5% |
| Total | 1,170 | | 1,117 | | 1,078 | | 1,031 | | 1,006 | |

SKYLINE COLLEGE STUDENT OUTCOMES

Biology Face-to-Face Courses (Excludes Summer)



Annual Course Success and Retention (Excludes Summer)

| Year | Enrollments | Success Count | Success Rate | Retention Rate | Withdrawal Rate |
|-----------|-------------|---------------|--------------|----------------|-----------------|
| 2015-2016 | 2,445 | 1,803 | 73.7% | 86.3% | 13.7% |
| 2016-2017 | 2,367 | 1,732 | 73.2% | 86.3% | 13.7% |
| 2017-2018 | 2,316 | 1,699 | 73.4% | 87.2% | 12.8% |
| 2018-2019 | 2,189 | 1,636 | 74.7% | 87.2% | 12.8% |
| 2019-2020 | 1,939 | 1,545 | 79.7% | 92.2% | 7.8% |
| Total | 11,256 | 8,415 | 74.8% | 87.7% | 12.3% |

Term Course Success and Retention (Excludes Summer)

| Term | Enrollments | Success Count | Success Rate | Retention Rate | Withdrawal Rate |
|-------------|-------------|---------------|--------------|----------------|-----------------|
| Fall 2015 | 1,219 | 910 | 74.7% | 88.1% | 11.9% |
| Fall 2016 | 1,148 | 824 | 71.8% | 86.0% | 14.0% |
| Fall 2017 | 1,130 | 822 | 72.7% | 86.8% | 13.2% |
| Fall 2018 | 1,055 | 795 | 75.4% | 88.3% | 11.7% |
| Fall 2019 | 1,046 | 800 | 76.5% | 89.1% | 10.9% |
| Spring 2016 | 1,226 | 893 | 72.8% | 84.6% | 15.4% |
| Spring 2017 | 1,219 | 908 | 74.5% | 86.5% | 13.5% |
| Spring 2018 | 1,186 | 877 | 73.9% | 87.5% | 12.5% |
| Spring 2019 | 1,134 | 841 | 74.2% | 86.1% | 13.9% |
| Spring 2020 | 893 | 745 | 83.4% | 95.7% | 4.3% |
| Total | 11,256 | 8,415 | 74.8% | 87.7% | 12.3% |

SKYLINE COLLEGE STUDENT OUTCOMES

Biology Face-to-Face Courses (Excludes Summer)



Course Success and Withdrawal by Ethnicity (Excludes Summer)

| Ethnicity | Enrollment (2015-16) | Success (2015-16) | Withdrawal (2015-16) | Enrollment (2016-17) | Success (2016-17) | Withdrawal (2016-17) | Enrollment (2017-18) | Success (2017-18) | Withdrawal (2017-18) | Enrollment (2018-19) | Success (2018-19) | Withdrawal (2018-19) | Enrollment (2019-20) | Success (2019-20) | Withdrawal (2019-20) | Enrollment (TOTAL) | Success (TOTAL) | Withdrawal (TOTAL) |
|------------------------|----------------------|-------------------|----------------------|----------------------|-------------------|----------------------|----------------------|-------------------|----------------------|----------------------|-------------------|----------------------|----------------------|-------------------|----------------------|--------------------|-----------------|--------------------|
| Am. Ind./Alaska Native | 2 | 0% | 0% | 2 | 100% | 0% | 4 | 75% | 0% | 5 | 60% | 0% | 5 | 60% | 0% | 18 | 61% | 0% |
| Asian | 525 | 82% | 10% | 464 | 82% | 8% | 462 | 82% | 9% | 380 | 85% | 8% | 327 | 92% | 2% | 2,158 | 84% | 8% |
| Black - Non-Hispanic | 39 | 44% | 26% | 50 | 62% | 16% | 53 | 58% | 19% | 61 | 72% | 10% | 32 | 69% | 9% | 235 | 62% | 16% |
| Filipino | 613 | 77% | 11% | 613 | 72% | 15% | 649 | 75% | 13% | 628 | 76% | 13% | 528 | 84% | 6% | 3,031 | 76% | 12% |
| Hispanic/Latino | 653 | 69% | 15% | 674 | 65% | 17% | 621 | 63% | 16% | 615 | 65% | 17% | 598 | 71% | 12% | 3,161 | 66% | 16% |
| Pacific Islander | 20 | 40% | 25% | 28 | 68% | 18% | 23 | 48% | 35% | 20 | 60% | 10% | 24 | 67% | 8% | 115 | 57% | 19% |
| White Non-Hispanic | 369 | 72% | 18% | 337 | 80% | 12% | 298 | 86% | 9% | 279 | 82% | 9% | 251 | 84% | 7% | 1,534 | 80% | 11% |
| Unreported | 46 | 70% | 13% | 28 | 64% | 18% | 30 | 80% | 13% | 32 | 78% | 13% | 48 | 73% | 6% | 184 | 73% | 12% |
| Multiraces | 178 | 73% | 15% | 171 | 77% | 14% | 176 | 68% | 14% | 169 | 75% | 14% | 126 | 75% | 10% | 820 | 74% | 14% |
| Total | 2,445 | 74% | 14% | 2,367 | 73% | 14% | 2,316 | 73% | 13% | 2,189 | 75% | 13% | 1,939 | 80% | 8% | 11,256 | 75% | 12% |

SKYLINE COLLEGE STUDENT OUTCOMES

Biology Face-to-Face Courses (Excludes Summer)



Course Success and Withdrawal by Age (Excludes Summer)

| Age | Enrollment (2015-16) | Success (2015-16) | Withdrawal (2015-16) | Enrollment (2016-17) | Success (2016-17) | Withdrawal (2016-17) | Enrollment (2017-18) | Success (2017-18) | Withdrawal (2017-18) | Enrollment (2018-19) | Success (2018-19) | Withdrawal (2018-19) | Enrollment (2019-20) | Success (2019-20) | Withdrawal (2019-20) | Enrollment (TOTAL) | Success (TOTAL) | Withdrawal (TOTAL) |
|--------------|----------------------|-------------------|----------------------|----------------------|-------------------|----------------------|----------------------|-------------------|----------------------|----------------------|-------------------|----------------------|----------------------|-------------------|----------------------|--------------------|-----------------|--------------------|
| Age Under 18 | 133 | 65% | 13% | 101 | 63% | 15% | 116 | 65% | 13% | 141 | 73% | 10% | 110 | 87% | 4% | 601 | 71% | 11% |
| Age 18 - 22 | 1,370 | 70% | 16% | 1,379 | 70% | 15% | 1,283 | 70% | 13% | 1,229 | 72% | 13% | 1,093 | 77% | 8% | 6,354 | 72% | 13% |
| Age 23 - 28 | 594 | 80% | 10% | 565 | 77% | 12% | 564 | 79% | 12% | 463 | 75% | 17% | 417 | 80% | 8% | 2,603 | 78% | 12% |
| Age 29 - 39 | 238 | 81% | 11% | 244 | 82% | 11% | 265 | 82% | 12% | 271 | 82% | 10% | 252 | 83% | 9% | 1,270 | 82% | 11% |
| Age 40 - 49 | 84 | 80% | 14% | 54 | 83% | 9% | 63 | 81% | 8% | 60 | 92% | 5% | 51 | 84% | 6% | 312 | 84% | 9% |
| Age 50 - 59 | 23 | 74% | 22% | 22 | 77% | 14% | 20 | 75% | 10% | 23 | 96% | 4% | 15 | 87% | 7% | 103 | 82% | 12% |
| Age 60 + | 3 | 100% | 0% | 2 | 50% | 50% | 5 | 60% | 40% | 2 | 100% | 0% | 1 | 100% | 0% | 13 | 77% | 23% |
| Total | 2,445 | 74% | 14% | 2,367 | 73% | 14% | 2,316 | 73% | 13% | 2,189 | 75% | 13% | 1,939 | 80% | 8% | 11,256 | 75% | 12% |

SKYLINE COLLEGE STUDENT OUTCOMES Biology Face-to-Face Courses (Excludes Summer)



Annual Course Success and Retention by Gender (Excludes Summer)

| 2015-16 Gender | Enrollments | Success Rate | Retention Rate | Withdrawal Rate |
|----------------|-------------|--------------|----------------|-----------------|
| Female | 1,479 | 75.5% | 87.2% | 12.8% |
| Male | 904 | 71.6% | 85.1% | 14.9% |
| Unreported | 62 | 64.5% | 83.9% | 16.1% |
| Total | 2,445 | 73.7% | 86.3% | 13.7% |

| 2016-17 Gender | Enrollments | Success Rate | Retention Rate | Withdrawal Rate |
|----------------|-------------|--------------|----------------|-----------------|
| Female | 1,459 | 73.7% | 85.3% | 14.7% |
| Male | 848 | 72.2% | 87.9% | 12.1% |
| Unreported | 60 | 73.3% | 88.3% | 11.7% |
| Total | 2,367 | 73.2% | 86.3% | 13.7% |

| 2017-18 Gender | Enrollments | Success Rate | Retention Rate | Withdrawal Rate |
|----------------|-------------|--------------|----------------|-----------------|
| Female | 1,435 | 75.3% | 88.8% | 11.2% |
| Male | 828 | 69.6% | 84.3% | 15.7% |
| Unreported | 53 | 79.2% | 88.7% | 11.3% |
| Total | 2,316 | 73.4% | 87.2% | 12.8% |

| 2018-19 Gender | Enrollments | Success Rate | Retention Rate | Withdrawal Rate |
|----------------|-------------|--------------|----------------|-----------------|
| Female | 1,357 | 74.4% | 86.6% | 13.4% |
| Male | 781 | 75.7% | 88.5% | 11.5% |
| Unreported | 51 | 70.6% | 82.4% | 17.6% |
| Total | 2,189 | 74.7% | 87.2% | 12.8% |

| 2019-20 Gender | Enrollments | Success Rate | Retention Rate | Withdrawal Rate |
|----------------|-------------|--------------|----------------|-----------------|
| Female | 1,236 | 81.3% | 91.3% | 8.7% |
| Male | 670 | 77.0% | 94.0% | 6.0% |
| Unreported | 33 | 72.7% | 84.8% | 15.2% |
| Total | 1,939 | 79.7% | 92.2% | 7.8% |

SKYLINE COLLEGE PRODUCTIVITY Biology Face-to-Face Courses



Annual Productivity

| Year | FTEF | FTES | FTES % Change | Load | Load % Change | Sections | Census Enroll / Section |
|-----------|-------|--------|---------------|--------|---------------|----------|-------------------------|
| 2015-2016 | 22.88 | 592.21 | N/A | 776.50 | N/A | 88 | 32.5 |
| 2016-2017 | 22.47 | 552.82 | -6.7% | 738.18 | -4.9% | 86 | 31.5 |
| 2017-2018 | 22.27 | 542.78 | -1.8% | 731.29 | -0.9% | 88 | 30.3 |
| 2018-2019 | 21.10 | 527.11 | -2.9% | 749.44 | 2.5% | 89 | 28.3 |
| 2019-2020 | 20.13 | 491.33 | -6.8% | 732.36 | -2.3% | 92 | 24.9 |

Term Productivity

| | • | | | | | | |
|-------------|-------|--------|---------------|--------|---------------|----------|-------------------------|
| Year | FTEF | FTES | FTES % Change | Load | Load % Change | Sections | Census Enroll / Section |
| Fall 2015 | 9.89 | 256.05 | N/A | 776.44 | N/A | 37 | 33.0 |
| Fall 2016 | 9.73 | 243.07 | -5.1% | 749.19 | -3.5% | 35 | 32.9 |
| Fall 2017 | 9.73 | 234.80 | -3.4% | 723.69 | -3.4% | 36 | 31.4 |
| Fall 2018 | 8.59 | 219.42 | -6.6% | 766.59 | 5.9% | 33 | 32.0 |
| Fall 2019 | 9.31 | 225.53 | 2.8% | 726.99 | -5.2% | 42 | 24.9 |
| Spring 2016 | 9.99 | 256.97 | 13.9% | 771.92 | 6.2% | 38 | 32.3 |
| Spring 2017 | 10.09 | 248.86 | -3.2% | 739.69 | -4.2% | 39 | 31.3 |
| Spring 2018 | 9.89 | 242.35 | -2.6% | 734.90 | -0.6% | 39 | 30.4 |
| Spring 2019 | 9.87 | 250.80 | 3.5% | 762.04 | 3.7% | 43 | 26.4 |
| Spring 2020 | 8.14 | 205.70 | -18.0% | 758.10 | -0.5% | 39 | 22.9 |
| Summer 2015 | 3.0 | 79.20 | -61.5% | 791.96 | 4.5% | 13 | 31.9 |
| Summer 2016 | 2.64 | 60.88 | -23.1% | 691.84 | -12.6% | 12 | 28.2 |
| Summer 2017 | 2.64 | 65.63 | 7.8% | 745.77 | 7.8% | 13 | 26.8 |
| Summer 2018 | 2.64 | 56.90 | -13.3% | 646.57 | -13.3% | 13 | 25.5 |
| Summer 2019 | 2.68 | 60.11 | 5.6% | 672.83 | 4.1% | 11 | 31.7 |



| Terminology | Definition |
|--------------------------------------|--|
| Reporting Period | Academic Year(s): 2015-2016 to 2019-20 |
| Duplicated Headcount (Enrollments) | Counts each student once for every course in which they enroll. |
| Unduplicated Headcount | Counts each student once and only once, regardless of the number of courses in which they enroll. |
| Course Success | Grades starting with 'A', 'B', 'C', and 'P' are considering successful – all other letter grades represent unsuccessful outcomes. The success rate is calculated based on the following formula: number of registrations with grades A, B, C, or P ÷ Number of registrations with a non-blank grade. Note that the denominator includes withdrawals, i.e. grades of W. |
| Course Retention | The percentage of enrollments that earned any letter grade other than W. |
| Course Withdrawal | The percentage of enrollments that earned a W letter grade. |
| 4 yr stu take class for 4 yr col | Students with education goal listed as 4-year students take class for 4-year college |
| College Preparation Goal | Students with education goal listed as Complete Credits for HS Diplom, or Improve Basic Skills |
| CTE Certif/Career Development Goal | Students with education goal listed as Acquire Job Skills/ New Career, Earn 2 year Certificate without Transfer, Maintain Certificate/License, Update Job Skills/ Job Advance, or Earn Vocational Certificate without Transfer |
| Degree/Transfer Goal | Students with education goal listed as Earn AA/AS & Transfer to 4 year institution, Earn AA/AS w/out Transfer, or Transfer to 4 year institution without AA/AS |
| Exploratory Goal | Students with education goal not listed as 4-year students take class for 4-year college, College Preparation, CTE Certificate/Career Development, or Degree/Transfer |
| Full-Time Equivalent Faculty (FTEF) | Total faculty workload divided by 15. Excludes faculty workload assigned to sections that were cancelled. |
| Full-Time Equivalent Students (FTES) | 1 FTES = 525 contact hours. Cancelled sections and audit enrollments are excluded from this figure. |
| Load | Weekly Student Contact Hours (WSCH) ÷ FTEF. Cancelled sections and audit enrollments are excluded from this figure. |
| Fall Unit Load | Based on the unit enrollment districtwide. |