

FHDA Program Review

Limits:

(Special Grouping) DA > Biol, Health, Env Sc, Wrkfr Ed > Biology-FD

Enrollment Trends

(Special Grouping) DA > Biol, Health, Env Sc, Wrkfr Ed > Biology-FD

| | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 5-yr %Inc |
|---------------------------|---------|---------|---------|---------|---------|-----------|
| ↗Unduplicated Headcount | 5,068 | 4,664 | 4,516 | 4,422 | 4,146 | -18.2% |
| ↗Census Enrollment | 7,080 | 6,485 | 6,340 | 6,468 | 5,961 | -15.8% |
| ↗Sections | 235 | 210 | 206 | 209 | 199 | -15.3% |
| ↗WSCH | 14,545 | 13,474 | 13,219 | 13,651 | 12,661 | -12.9% |
| ↗FTES (end of term) | 985 | 911 | 893 | 922 | 857 | -13.0% |
| ↗FTEF (end of term) | 23.7 | 23.0 | 23.1 | 23.5 | 21.4 | -9.6% |
| ↗Productivity (WSCH/FTEF) | 614 | 586 | 571 | 581 | 592 | -3.7% |

Faculty Workload

(Special Grouping) DA > Biol, Health, Env Sc, Wrkfr Ed > Biology-FD

| | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 5-yr %Inc |
|----------------|---------|---------|---------|---------|---------|-----------|
| Full Time Load | 8.8 | 8.6 | 9.8 | 10.3 | 10.0 | 14% |
| Full Time % | 37.1% | 37.2% | 42.6% | 43.9% | 46.8% | 26% |
| Overload | 1.0 | 1.1 | 1.3 | 1.8 | 2.1 | 110% |
| Overload % | 4.2% | 4.9% | 5.8% | 7.5% | 9.7% | 132% |
| Part Time Load | 13.9 | 13.3 | 12.0 | 11.4 | 9.3 | -33% |
| Part Time % | 58.8% | 57.8% | 51.7% | 48.6% | 43.5% | -26% |
| Total FTEF | 23.7 | 23.0 | 23.1 | 23.5 | 21.4 | -10% |

Course Success

(Special Grouping) DA > Biol, Health, Env Sc, Wrkfr Ed > Biology-FD

| | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 5,188 | 73% | 4,775 | 74% | 4,769 | 75% | 5,016 | 78% | 4,642 | 78% |
| Non Success | 1,097 | 15% | 1,028 | 16% | 893 | 14% | 822 | 13% | 761 | 13% |
| Withdrew | 795 | 11% | 682 | 11% | 678 | 11% | 630 | 10% | 556 | 9% |
| Total | 7,080 | 100% | 6,485 | 100% | 6,340 | 100% | 6,468 | 100% | 5,959 | 100% |

Course Success for Targeted Groups

| | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | |
|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 1,830 | 65% | 1,787 | 66% | 1,820 | 69% | 1,897 | 72% | 1,777 | 73% |
| Non Success | 584 | 21% | 601 | 22% | 501 | 19% | 442 | 17% | 422 | 17% |
| Withdrew | 381 | 14% | 339 | 12% | 308 | 12% | 298 | 11% | 252 | 10% |
| Total | 2,795 | 100% | 2,727 | 100% | 2,629 | 100% | 2,637 | 100% | 2,451 | 100% |

Course Success for Non Targeted Groups

| | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | |
|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 3,358 | 78% | 2,988 | 80% | 2,949 | 79% | 3,119 | 81% | 2,865 | 82% |
| Non Success | 513 | 12% | 427 | 11% | 392 | 11% | 380 | 10% | 339 | 10% |
| Withdrew | 414 | 10% | 343 | 9% | 370 | 10% | 332 | 9% | 304 | 9% |
| Total | 4,285 | 100% | 3,758 | 100% | 3,711 | 100% | 3,831 | 100% | 3,508 | 100% |

by Gender

| | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | |
|--------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent |
| Female | 4,205 | 59% | 3,783 | 58% | 3,850 | 61% | 3,976 | 61% | 3,628 | 61% |
| Male | 2,875 | 41% | 2,702 | 42% | 2,490 | 39% | 2,492 | 39% | 2,330 | 39% |
| Non-Binary | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 3 | 0% |
| Total | 7,080 | 100% | 6,485 | 100% | 6,340 | 100% | 6,468 | 100% | 5,961 | 100% |

by Ethnicity

| | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | |
|------------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent |
| African American | 304 | 4% | 279 | 4% | 261 | 4% | 304 | 5% | 250 | 4% |
| Asian | 2,789 | 39% | 2,402 | 37% | 2,466 | 39% | 2,597 | 40% | 2,476 | 42% |
| Filipinx | 763 | 11% | 747 | 12% | 700 | 11% | 684 | 11% | 653 | 11% |
| Latinx | 1,728 | 24% | 1,701 | 26% | 1,668 | 26% | 1,649 | 25% | 1,550 | 26% |
| Native American | 40 | 1% | 29 | 0% | 25 | 0% | 21 | 0% | 17 | 0% |
| Pacific Islander | 64 | 1% | 37 | 1% | 46 | 1% | 36 | 1% | 37 | 1% |
| White | 1,310 | 19% | 1,200 | 19% | 1,103 | 17% | 1,129 | 17% | 920 | 15% |
| Decline to State | 82 | 1% | 90 | 1% | 71 | 1% | 48 | 1% | 58 | 1% |
| Total | 7,080 | 100% | 6,485 | 100% | 6,340 | 100% | 6,468 | 100% | 5,961 | 100% |

by Age

| | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | |
|--------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent |
| 19 or less | 1,406 | 20% | 1,272 | 20% | 1,185 | 19% | 1,090 | 17% | 1,171 | 20% |
| 20-24 | 3,898 | 55% | 3,701 | 57% | 3,669 | 58% | 3,673 | 57% | 3,125 | 52% |
| 25-39 | 1,459 | 21% | 1,291 | 20% | 1,284 | 20% | 1,449 | 22% | 1,416 | 24% |
| 40 + | 317 | 4% | 221 | 3% | 202 | 3% | 256 | 4% | 249 | 4% |
| Total | 7,080 | 100% | 6,485 | 100% | 6,340 | 100% | 6,468 | 100% | 5,961 | 100% |

by Education Level

| | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | |
|--------------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent |
| Bachelor or higher | 538 | 8% | 465 | 7% | 568 | 9% | 587 | 9% | 622 | 10% |
| Associate | 218 | 3% | 197 | 3% | 191 | 3% | 229 | 4% | 236 | 4% |
| HS/Equivalent | 6,007 | 85% | 5,508 | 85% | 5,241 | 83% | 5,307 | 82% | 4,817 | 81% |
| All Other | 317 | 4% | 315 | 5% | 340 | 5% | 345 | 5% | 286 | 5% |
| Total | 7,080 | 100% | 6,485 | 100% | 6,340 | 100% | 6,468 | 100% | 5,961 | 100% |

Some courses may continue to be listed but no longer have data due to renumbering or because the course was not offered in the past five years.

Success Rates by Gender
(Special Grouping) DA > Biol, Health, Env Sc, Wrkfr Ed > Biology-FD

| | | 2018-19 | | | | | | | |
|-------------------|--|---------|---------|-------------|---------|----------|---------|--------|---------|
| | | Success | | Non Success | | Withdrew | | Total | |
| | | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | | 2,885 | 80% | 402 | 11% | 339 | 9% | 3,626 | 100% |
| Male | | 1,756 | 75% | 358 | 15% | 216 | 9% | 2,330 | 100% |
| Non-Binary | | 1 | 33% | 1 | 33% | 1 | 33% | 3 | 100% |
| All | | 4,642 | 78% | 761 | 13% | 556 | 9% | 5,959 | 100% |

| | | 2017-18 | | | | | | | |
|-------------------|--|---------|---------|-------------|---------|----------|---------|--------|---------|
| | | Success | | Non Success | | Withdrew | | Total | |
| | | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | | 3,122 | 79% | 469 | 12% | 385 | 10% | 3,976 | 100% |
| Male | | 1,894 | 76% | 353 | 14% | 245 | 10% | 2,492 | 100% |
| Non-Binary | | 0 | N/A | 0 | N/A | 0 | N/A | 0 | 100% |
| All | | 5,016 | 78% | 822 | 13% | 630 | 10% | 6,468 | 100% |

| | | 2016-17 | | | | | | | |
|-------------------|--|---------|---------|-------------|---------|----------|---------|--------|---------|
| | | Success | | Non Success | | Withdrew | | Total | |
| | | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | | 2,936 | 76% | 523 | 14% | 391 | 10% | 3,850 | 100% |
| Male | | 1,833 | 74% | 370 | 15% | 287 | 12% | 2,490 | 100% |
| Non-Binary | | 0 | N/A | 0 | N/A | 0 | N/A | 0 | 100% |
| All | | 4,769 | 75% | 893 | 14% | 678 | 11% | 6,340 | 100% |

| | | 2015-16 | | | | | | | |
|-------------------|--|---------|---------|-------------|---------|----------|---------|--------|---------|
| | | Success | | Non Success | | Withdrew | | Total | |
| | | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | | 2,849 | 75% | 561 | 15% | 373 | 10% | 3,783 | 100% |
| Male | | 1,926 | 71% | 467 | 17% | 309 | 11% | 2,702 | 100% |
| Non-Binary | | 0 | N/A | 0 | N/A | 0 | N/A | 0 | 100% |
| All | | 4,775 | 74% | 1,028 | 16% | 682 | 11% | 6,485 | 100% |

| | | 2014-15 | | | | | | | |
|-------------------|--|---------|---------|-------------|---------|----------|---------|--------|---------|
| | | Success | | Non Success | | Withdrew | | Total | |
| | | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | | 3,129 | 74% | 617 | 15% | 459 | 11% | 4,205 | 100% |
| Male | | 2,059 | 72% | 480 | 17% | 336 | 12% | 2,875 | 100% |
| Non-Binary | | 0 | N/A | 0 | N/A | 0 | N/A | 0 | 100% |
| All | | 5,188 | 73% | 1,097 | 15% | 795 | 11% | 7,080 | 100% |

Success Rates by Age
(Special Grouping) DA > Biol, Health, Env Sc, Wrkfr Ed > Biology-FD

| | 2018-19 | | | | | | | |
|------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| 19 or less | 943 | 81% | 136 | 12% | 92 | 8% | 1,171 | 100% |
| 20-24 | 2,361 | 76% | 455 | 15% | 308 | 10% | 3,124 | 100% |
| 25-39 | 1,123 | 79% | 157 | 11% | 135 | 10% | 1,415 | 100% |
| 40 + | 215 | 86% | 13 | 5% | 21 | 8% | 249 | 100% |
| All | 4,642 | 78% | 761 | 13% | 556 | 9% | 5,959 | 100% |

| | 2017-18 | | | | | | | |
|------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| 19 or less | 882 | 81% | 118 | 11% | 90 | 8% | 1,090 | 100% |
| 20-24 | 2,767 | 75% | 527 | 14% | 379 | 10% | 3,673 | 100% |
| 25-39 | 1,159 | 80% | 157 | 11% | 133 | 9% | 1,449 | 100% |
| 40 + | 208 | 81% | 20 | 8% | 28 | 11% | 256 | 100% |
| All | 5,016 | 78% | 822 | 13% | 630 | 10% | 6,468 | 100% |

| | 2016-17 | | | | | | | |
|------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| 19 or less | 923 | 78% | 152 | 13% | 110 | 9% | 1,185 | 100% |
| 20-24 | 2,675 | 73% | 596 | 16% | 398 | 11% | 3,669 | 100% |
| 25-39 | 1,001 | 78% | 140 | 11% | 143 | 11% | 1,284 | 100% |
| 40 + | 170 | 84% | 5 | 2% | 27 | 13% | 202 | 100% |
| All | 4,769 | 75% | 893 | 14% | 678 | 11% | 6,340 | 100% |

| | 2015-16 | | | | | | | |
|------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| 19 or less | 947 | 74% | 200 | 16% | 125 | 10% | 1,272 | 100% |
| 20-24 | 2,652 | 72% | 647 | 17% | 402 | 11% | 3,701 | 100% |
| 25-39 | 996 | 77% | 157 | 12% | 138 | 11% | 1,291 | 100% |
| 40 + | 180 | 81% | 24 | 11% | 17 | 8% | 221 | 100% |
| All | 4,775 | 74% | 1,028 | 16% | 682 | 11% | 6,485 | 100% |

| | 2014-15 | | | | | | | |
|------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| 19 or less | 1,094 | 78% | 200 | 14% | 112 | 8% | 1,406 | 100% |
| 20-24 | 2,776 | 71% | 666 | 17% | 456 | 12% | 3,898 | 100% |
| 25-39 | 1,079 | 74% | 201 | 14% | 179 | 12% | 1,459 | 100% |
| 40 + | 239 | 75% | 30 | 9% | 48 | 15% | 317 | 100% |
| All | 5,188 | 73% | 1,097 | 15% | 795 | 11% | 7,080 | 100% |

Success Rates by Ethnicity
(Special Grouping) DA > Biol, Health, Env Sc, Wrkfr Ed > Biology-FD

| | 2018-19 | | | | | | | |
|------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| African American | 169 | 68% | 56 | 22% | 24 | 10% | 249 | 100% |
| Asian | 2,038 | 82% | 231 | 9% | 207 | 8% | 2,476 | 100% |
| Filipinx | 514 | 79% | 86 | 13% | 53 | 8% | 653 | 100% |
| Latinx | 1,094 | 71% | 280 | 18% | 175 | 11% | 1,549 | 100% |
| Native American | 13 | 76% | 3 | 18% | 1 | 6% | 17 | 100% |
| Pacific Islander | 25 | 68% | 7 | 19% | 5 | 14% | 37 | 100% |
| White | 748 | 81% | 88 | 10% | 84 | 9% | 920 | 100% |
| Decline to State | 41 | 71% | 10 | 17% | 7 | 12% | 58 | 100% |
| All | 4,642 | 78% | 761 | 13% | 556 | 9% | 5,959 | 100% |

| | 2017-18 | | | | | | | |
|------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| African American | 200 | 66% | 66 | 22% | 38 | 13% | 304 | 100% |
| Asian | 2,115 | 81% | 259 | 10% | 223 | 9% | 2,597 | 100% |
| Filipinx | 536 | 78% | 81 | 12% | 67 | 10% | 684 | 100% |
| Latinx | 1,161 | 70% | 295 | 18% | 193 | 12% | 1,649 | 100% |
| Native American | 12 | 57% | 7 | 33% | 2 | 10% | 21 | 100% |
| Pacific Islander | 23 | 64% | 8 | 22% | 5 | 14% | 36 | 100% |
| White | 930 | 82% | 102 | 9% | 97 | 9% | 1,129 | 100% |
| Decline to State | 39 | 81% | 4 | 8% | 5 | 10% | 48 | 100% |
| All | 5,016 | 78% | 822 | 13% | 630 | 10% | 6,468 | 100% |

| | 2016-17 | | | | | | | |
|------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| African American | 163 | 62% | 63 | 24% | 35 | 13% | 261 | 100% |
| Asian | 1,975 | 80% | 256 | 10% | 235 | 10% | 2,466 | 100% |
| Filipinx | 527 | 75% | 97 | 14% | 76 | 11% | 700 | 100% |
| Latinx | 1,130 | 68% | 341 | 20% | 197 | 12% | 1,668 | 100% |
| Native American | 19 | 76% | 5 | 20% | 1 | 4% | 25 | 100% |
| Pacific Islander | 31 | 67% | 7 | 15% | 8 | 17% | 46 | 100% |
| White | 870 | 79% | 114 | 10% | 119 | 11% | 1,103 | 100% |
| Decline to State | 54 | 76% | 10 | 14% | 7 | 10% | 71 | 100% |
| All | 4,769 | 75% | 893 | 14% | 678 | 11% | 6,340 | 100% |

| | 2015-16 | | | | | | | |
|------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| African American | 177 | 63% | 68 | 24% | 34 | 12% | 279 | 100% |
| Asian | 1,918 | 80% | 273 | 11% | 211 | 9% | 2,402 | 100% |
| Filipinx | 565 | 76% | 126 | 17% | 56 | 7% | 747 | 100% |
| Latinx | 1,045 | 61% | 407 | 24% | 249 | 15% | 1,701 | 100% |
| Native American | 22 | 76% | 3 | 10% | 4 | 14% | 29 | 100% |
| Pacific Islander | 26 | 70% | 7 | 19% | 4 | 11% | 37 | 100% |
| White | 963 | 80% | 125 | 10% | 112 | 9% | 1,200 | 100% |
| Decline to State | 59 | 66% | 19 | 21% | 12 | 13% | 90 | 100% |
| All | 4,775 | 74% | 1,028 | 16% | 682 | 11% | 6,485 | 100% |

| | 2014-15 | | | | | | | |
|------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| African American | 181 | 60% | 70 | 23% | 53 | 17% | 304 | 100% |
| Asian | 2,209 | 79% | 325 | 12% | 255 | 9% | 2,789 | 100% |
| Filipinx | 567 | 74% | 118 | 15% | 78 | 10% | 763 | 100% |
| Latinx | 1,082 | 63% | 396 | 23% | 250 | 14% | 1,728 | 100% |
| Native American | 20 | 50% | 14 | 35% | 6 | 15% | 40 | 100% |
| Pacific Islander | 46 | 72% | 13 | 20% | 5 | 8% | 64 | 100% |
| White | 1,023 | 78% | 147 | 11% | 140 | 11% | 1,310 | 100% |
| Decline to State | 60 | 73% | 14 | 17% | 8 | 10% | 82 | 100% |
| All | 5,188 | 73% | 1,097 | 15% | 795 | 11% | 7,080 | 100% |