

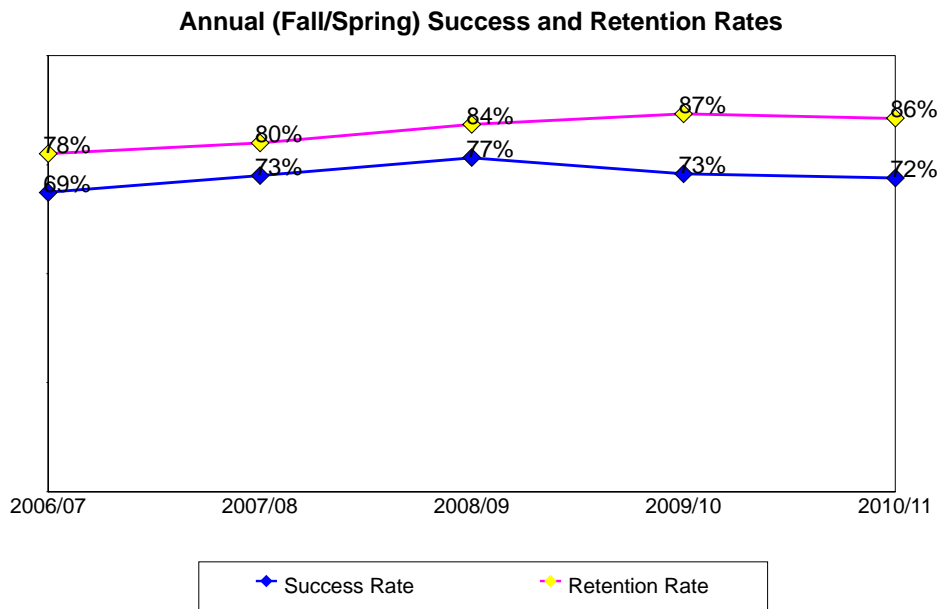
Physics Department Success and Retention 2006/07 through 2010/11

This report contains success and retention rates by various demographic segments and by course. Annual data are an aggregate of the fall and spring semesters. The following parameters have been applied:

- Success Counts: Number of students with A,B,C,CR grades.
- Success Rate: The percentage of students who complete a course with a grade of A,B,C,CR out of total enrollments.
- Retention Counts: Number of students with A,B,C,D,F,CR,NC, I grades.
- Retention Rate: The percentage of students who complete a course with a grade of A,B,C,D,F,CR,NC, I out of total headcount.

Annual Success and Retention

| | Enrollments | Success Count | Success Rate | Retention Count | Retention Rate |
|--------------------------------|--------------|---------------|--------------|-----------------|----------------|
| 2006/07 | 236 | 162 | 69% | 183 | 78% |
| 2007/08 | 255 | 185 | 73% | 204 | 80% |
| 2008/09 | 394 | 302 | 77% | 332 | 84% |
| 2009/10 | 436 | 318 | 73% | 378 | 87% |
| 2010/11 | 460 | 331 | 72% | 394 | 86% |
| Change from 2009/10 to 2010/11 | 24 | 13 | -1% | 16 | -1% |
| Totals & Averages | 1,781 | 1,298 | 73% | 1,491 | 84% |



Source: SMCCD Data Warehouse

Success and Retention by Term

| | Headcount | Success Count | Success Rate | Retention Count | Retention Rate |
|-------------|-----------|---------------|--------------|-----------------|----------------|
| Fall 2006 | 134 | 90 | 67% | 101 | 75% |
| Fall 2007 | 116 | 87 | 75% | 94 | 81% |
| Fall 2008 | 185 | 147 | 79% | 160 | 86% |
| Fall 2009 | 225 | 161 | 72% | 192 | 85% |
| Fall 2010 | 215 | 156 | 73% | 186 | 87% |
| Spring 2007 | 102 | 72 | 71% | 82 | 80% |
| Spring 2008 | 139 | 98 | 71% | 110 | 79% |
| Spring 2009 | 209 | 155 | 74% | 172 | 82% |
| Spring 2010 | 211 | 157 | 74% | 186 | 88% |
| Spring 2011 | 245 | 175 | 71% | 208 | 85% |

Grade Distribution

| | A | | B | | C | | D | | F | | W | |
|-------------|----|-----|----|-----|----|-----|----|-----|----|----|----|-----|
| Fall 2006 | 28 | 23% | 25 | 20% | 32 | 24% | 5 | 4% | 6 | 5% | 30 | 24% |
| Fall 2007 | 38 | 43% | 21 | 18% | 19 | 16% | 3 | 3% | 4 | 3% | 19 | 18% |
| Fall 2008 | 50 | 30% | 43 | 26% | 45 | 26% | 6 | 3% | 7 | 4% | 23 | 12% |
| Fall 2009 | 64 | 32% | 42 | 19% | 47 | 22% | 16 | 6% | 12 | 6% | 33 | 15% |
| Fall 2010 | 50 | 26% | 57 | 27% | 44 | 20% | 19 | 9% | 10 | 4% | 26 | 14% |
| Spring 2007 | 26 | 30% | 25 | 23% | 16 | 17% | 7 | 7% | 3 | 3% | 20 | 19% |
| Spring 2008 | 32 | 26% | 34 | 28% | 22 | 15% | 6 | 4% | 5 | 5% | 29 | 22% |
| Spring 2009 | 53 | 29% | 49 | 25% | 41 | 20% | 11 | 5% | 6 | 3% | 32 | 17% |
| Spring 2010 | 72 | 38% | 35 | 18% | 38 | 20% | 17 | 8% | 11 | 5% | 25 | 11% |
| Spring 2011 | 60 | 28% | 53 | 24% | 48 | 20% | 23 | 10% | 10 | 3% | 36 | 15% |

Source: SMCCD Data Warehouse

| Success and Retention by Ethnicity | | Success | Success | Retention | Retention | |
|---|------------------------------|----------------|----------------|------------------|------------------|------|
| | Headcount | Count | Rate | Count | Rate | |
| 2006/07 | African Am. | 2 | | 1 | 50% | |
| | Asian | 114 | 76 | 85 | 75% | |
| | Filipino | 39 | 21 | 28 | 72% | |
| | Hispanic | 15 | 12 | 13 | 87% | |
| | Other | 21 | 16 | 17 | 81% | |
| | Unknown | 15 | 14 | 14 | 93% | |
| | White | 30 | 23 | 25 | 83% | |
| | Totals & Averages | 236 | 162 | 69% | 183 | 78% |
| 2007/08 | African Am. | 3 | 1 | 2 | 67% | |
| | Asian | 114 | 83 | 89 | 78% | |
| | Filipino | 38 | 25 | 32 | 84% | |
| | Hispanic | 22 | 16 | 16 | 73% | |
| | Other | 13 | 12 | 12 | 92% | |
| | Unknown | 16 | 11 | 13 | 81% | |
| | White | 49 | 37 | 40 | 82% | |
| | Totals & Averages | 255 | 185 | 73% | 204 | 80% |
| 2008/09 | African Am. | 2 | | 1 | 50% | |
| | Asian | 197 | 153 | 168 | 85% | |
| | Filipino | 61 | 39 | 48 | 79% | |
| | Hispanic | 42 | 37 | 38 | 90% | |
| | Unknown | 24 | 22 | 22 | 92% | |
| | White | 68 | 51 | 55 | 81% | |
| | Totals & Averages | 394 | 302 | 77% | 332 | 84% |
| | 2009/10 | African Am. | 3 | 2 | 3 | 100% |
| Asian | | 199 | 149 | 173 | 87% | |
| Filipino | | 64 | 31 | 47 | 73% | |
| Hispanic | | 54 | 38 | 47 | 87% | |
| Unknown | | 55 | 45 | 51 | 93% | |
| White | | 61 | 53 | 57 | 93% | |
| Totals & Averages | | 436 | 318 | 73% | 378 | 87% |
| 2010/11 | | African Am. | 4 | 3 | 3 | 75% |
| | Asian | 194 | 147 | 176 | 91% | |
| | Filipino | 75 | 48 | 61 | 81% | |
| | Hispanic | 55 | 34 | 40 | 73% | |
| | Unknown | 75 | 57 | 65 | 87% | |
| | White | 57 | 42 | 49 | 86% | |
| | Totals & Averages | 460 | 331 | 72% | 394 | 86% |

Success and Retention by Gender

| | | Headcount | Success Count | Success Rate | Retention Count | Retention Rate |
|---------|------------------------------|-----------|---------------|--------------|-----------------|----------------|
| 2006/07 | Female | 78 | 56 | 72% | 58 | 74% |
| | Male | 156 | 104 | 67% | 123 | 79% |
| | Unreported | 2 | 2 | 100% | 2 | 100% |
| | Totals & Averages | 236 | 162 | 69% | 183 | 78% |
| 2007/08 | Female | 98 | 76 | 78% | 80 | 82% |
| | Male | 154 | 106 | 69% | 121 | 79% |
| | Unreported | 3 | 3 | 100% | 3 | 100% |
| | Totals & Averages | 255 | 185 | 73% | 204 | 80% |
| 2008/09 | Female | 150 | 118 | 79% | 126 | 84% |
| | Male | 237 | 178 | 75% | 200 | 84% |
| | Unreported | 3 | 2 | 67% | 2 | 67% |
| | Totals & Averages | 390 | 298 | 76% | 328 | 84% |
| 2009/10 | Female | 189 | 140 | 74% | 164 | 87% |
| | Male | 240 | 173 | 72% | 208 | 87% |
| | Unreported | 4 | 4 | 100% | 4 | 100% |
| | Totals & Averages | 433 | 317 | 73% | 376 | 87% |
| 2010/11 | Female | 189 | 137 | 72% | 161 | 85% |
| | Male | 257 | 186 | 72% | 223 | 87% |
| | Unreported | 7 | 3 | 43% | 3 | 43% |
| | Totals & Averages | 453 | 326 | 72% | 387 | 85% |

Success and Retention by Day/Evening Status

| | | Headcount | Success Count | Success Rate | Retention Count | Retention Rate |
|---------|-----|-----------|---------------|--------------|-----------------|----------------|
| 2006/07 | Day | 236 | 162 | 69% | 183 | 78% |
| 2007/08 | Day | 255 | 185 | 73% | 204 | 80% |
| 2008/09 | Day | 394 | 302 | 77% | 332 | 84% |
| 2009/10 | Day | 436 | 318 | 73% | 378 | 87% |
| 2010/11 | Day | 460 | 331 | 72% | 394 | 86% |

Source: SMCCD Data Warehouse

Success and Retention by Age

| | | Headcount | Success Count | Success Rate | Retention Count | Retention Rate |
|---------|------------------------------|------------------------------|---------------|--------------|-----------------|----------------|
| 2006/07 | Under 18 | 1 | 1 | 100% | 1 | 100% |
| | Age 18-22 | 169 | 116 | 69% | 133 | 79% |
| | Age 23-28 | 53 | 37 | 70% | 41 | 77% |
| | Age 29-39 | 10 | 6 | 60% | 6 | 60% |
| | Age 40-49 | 3 | 2 | 67% | 2 | 67% |
| | Totals & Averages | 236 | 162 | 69% | 183 | 78% |
| 2007/08 | Under 18 | 2 | 1 | 50% | 1 | 50% |
| | Age 18-22 | 165 | 129 | 78% | 142 | 86% |
| | Age 23-28 | 68 | 41 | 60% | 47 | 69% |
| | Age 29-39 | 19 | 14 | 74% | 14 | 74% |
| | Age 40-49 | 1 | | | | |
| | Totals & Averages | 255 | 185 | 73% | 204 | 80% |
| 2008/09 | Under 18 | 5 | 5 | 100% | 5 | 100% |
| | Age 18-22 | 223 | 174 | 78% | 194 | 87% |
| | Age 23-28 | 133 | 97 | 73% | 105 | 79% |
| | Age 29-39 | 30 | 24 | 80% | 26 | 87% |
| | Age 40-49 | 1 | 1 | 100% | 1 | 100% |
| | Age 50-59 | 1 | 1 | 100% | 1 | 100% |
| | Age 60+ | 1 | | | | |
| | Totals & Averages | 394 | 302 | 77% | 332 | 84% |
| 2009/10 | Under 18 | 4 | 2 | 50% | 3 | 75% |
| | Age 18-22 | 278 | 200 | 72% | 241 | 87% |
| | Age 23-28 | 124 | 95 | 77% | 110 | 89% |
| | Age 29-39 | 25 | 16 | 64% | 19 | 76% |
| | Age 40-49 | 5 | 5 | 100% | 5 | 100% |
| | | Totals & Averages | 436 | 318 | 73% | 378 |
| 2010/11 | Under 18 | 7 | 5 | 71% | 7 | 100% |
| | Age 18-22 | 277 | 202 | 73% | 241 | 87% |
| | Age 23-28 | 131 | 98 | 75% | 109 | 83% |
| | Age 29-39 | 37 | 21 | 57% | 31 | 84% |
| | Age 40-49 | 8 | 5 | 63% | 6 | 75% |
| | | Totals & Averages | 460 | 331 | 72% | 394 |

Success and Retention by Enrollment Status

| | | Headcount | Success Count | Success Rate | Retention Count | Retention Rate |
|---------|-----------------------------|------------------|--------------------------|-------------------------|----------------------------|---------------------------|
| 2006/07 | Continuing Student | 213 | 147 | 69% | 166 | 78% |
| | Currently K-12 | 1 | 1 | 100% | 1 | 100% |
| | First-Time Student | 4 | 2 | 50% | 2 | 50% |
| | First-Time Transfer Student | 8 | 6 | 75% | 7 | 88% |
| | Returning Student | 9 | 6 | 67% | 7 | 78% |
| | Returning Transfer Student | 1 | | | | |
| 2007/08 | Continuing Student | 232 | 173 | 75% | 188 | 81% |
| | First-Time Student | 3 | 2 | 67% | 3 | 100% |
| | First-Time Transfer Student | 5 | 2 | 40% | 4 | 80% |
| | Returning Student | 12 | 7 | 58% | 8 | 67% |
| | Returning Transfer Student | 3 | 1 | 33% | 1 | 33% |
| 2008/09 | Continuing Student | 330 | 251 | 76% | 276 | 84% |
| | Currently K-12 | 1 | 1 | 100% | 1 | 100% |
| | First-Time Student | 9 | 8 | 89% | 9 | 100% |
| | First-Time Transfer Student | 32 | 27 | 84% | 28 | 88% |
| | Returning Student | 9 | 4 | 44% | 6 | 67% |
| | Returning Transfer Student | 13 | 11 | 85% | 12 | 92% |
| 2009/10 | Continuing Student | 393 | 287 | 73% | 338 | 86% |
| | First-Time Student | 4 | 2 | 50% | 4 | 100% |
| | First-Time Transfer Student | 22 | 18 | 82% | 21 | 95% |
| | Returning Student | 10 | 4 | 40% | 8 | 80% |
| | Returning Transfer Student | 7 | 7 | 100% | 7 | 100% |
| 2010/11 | Continuing Student | 421 | 306 | 73% | 358 | 85% |
| | First-Time Student | 1 | 1 | 100% | 1 | 100% |
| | First-Time Transfer Student | 11 | 10 | 91% | 11 | 100% |
| | Returning Student | 17 | 8 | 47% | 15 | 88% |
| | Returning Transfer Student | 10 | 6 | 60% | 9 | 90% |

Source: SMCCD Data Warehouse