

Chemistry Department Productivity: By Year and By Term 2006/07 through 2010/11

| | Census Headcount | End of Term Headcount | FTEF | FTES | WSCH | Load | Sections | Max Enroll |
|---------|---------------------|-----------------------------|-------|---------------|--------|------|----------|---------------|
| 2006/07 | 848 | 634 | 10.35 | 216.67 | 6,500 | 628 | 36 | 964 |
| 2007/08 | 984 | 722 | 11.19 | 247.90 | 7,437 | 665 | 38 | 1,075 |
| 2008/09 | 1,086 | 762 | 12.64 | 285.33 | 8,560 | 677 | 43 | 1,220 |
| 2009/10 | 1,200 | 828 | 13.66 | 334.61 | 10,038 | 735 | 44 | 1,256 |
| 2010/11 | 1,179 | 800 | 13.88 | 266.81 | 8,004 | 577 | 42 | 1,240 |

| | Census Headcount | End of Term Headcount | FTEF | FTES | WSCH | Load | Sections | Max Enroll |
|-------------|---------------------|-----------------------------|------|---------------|-------|------|----------|---------------|
| Fall 2006 | 355 | 269 | 4.21 | 90.30 | 2,709 | 643 | 15 | 420 |
| Fall 2007 | 373 | 280 | 4.15 | 94.22 | 2,827 | 682 | 15 | 425 |
| Fall 2008 | 410 | 293 | 4.76 | 103.73 | 3,112 | 654 | 17 | 480 |
| Fall 2009 | 520 | 346 | 6.12 | 143.41 | 4,302 | 703 | 20 | 575 |
| Fall 2010 | 533 | 347 | 5.96 | 118.70 | 3,561 | 597 | 19 | 570 |
| Spring 2007 | 336 | 236 | 4.08 | 87.35 | 2,621 | 642 | 15 | 364 |
| Spring 2008 | 446 | 303 | 4.96 | 112.79 | 3,384 | 682 | 17 | 470 |
| Spring 2009 | 503 | 337 | 5.80 | 135.70 | 4,071 | 702 | 20 | 560 |
| Spring 2010 | 499 | 340 | 5.46 | 142.82 | 4,285 | 785 | 18 | 501 |
| Spring 2011 | 512 | 350 | 6.16 | 116.77 | 3,503 | 569 | 19 | 550 |
| Summer 2006 | 157 | 129 | 2.05 | 39.03 | 1,171 | 570 | 6 | 180 |
| Summer 2007 | 165 | 139 | 2.08 | 40.89 | 1,227 | 590 | 6 | 180 |
| Summer 2008 | 173 | 132 | 2.08 | 45.90 | 1,377 | 662 | 6 | 180 |
| Summer 2009 | 181 | 142 | 2.08 | 48.38 | 1,451 | 698 | 6 | 180 |
| Summer 2010 | 134 | 103 | 1.76 | 31.34 | 940 | 534 | 4 | 120 |

Source: SMCCCD Data Warehouse

Census Headcount: Number of duplicated headcount at final census.

End of Term Headcount: Number of duplicated headcount at the end of the term.

FTEF: Total number of full time equivalent faculty assigned.

FTES: Total number of full time equivalent students enrolled at first census.

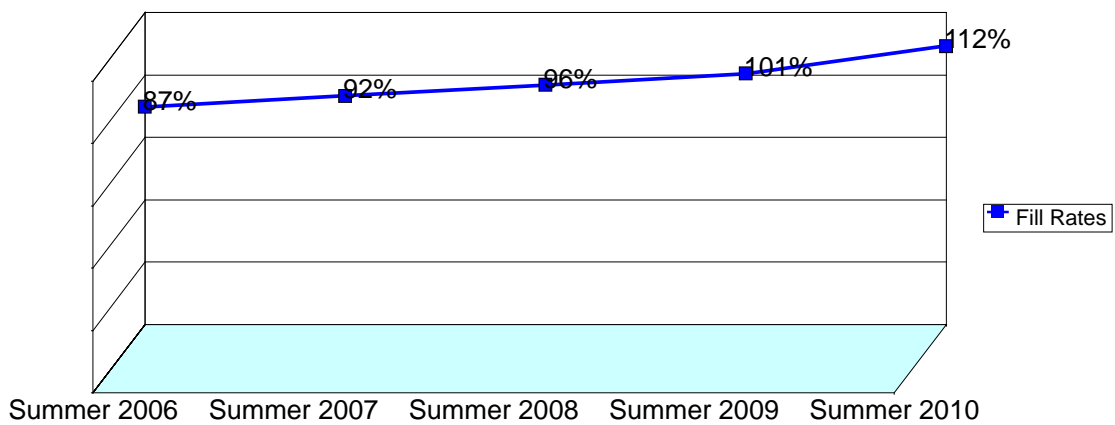
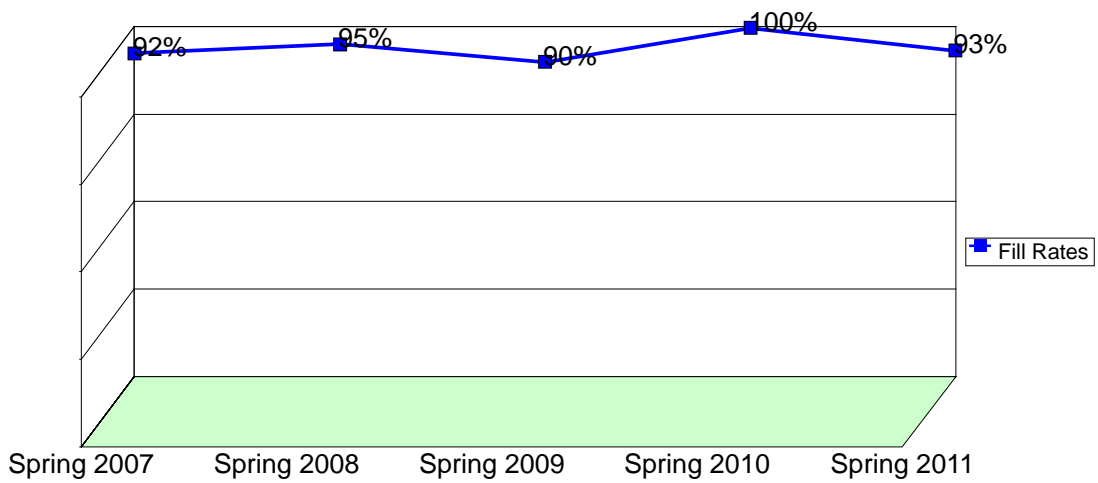
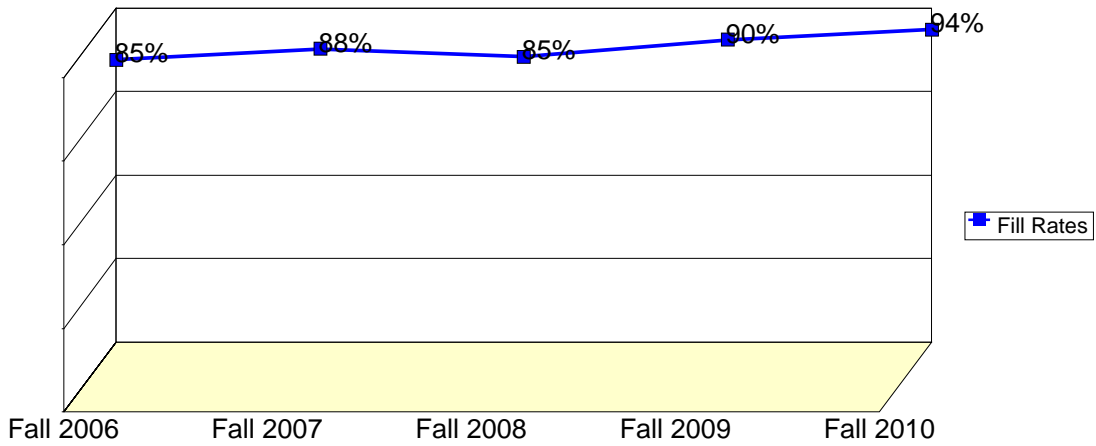
WSCH: Weekly student contact hours generated by census enrollments.

Load: The ratio of WSCH to FTEF, used to measure productivity.

Sections: Total number of sections offered per semester.

Max Enroll: The enrollment capacity or maximum enrollment as defined in curriculum.

Department Fill Rates by Term



Source: SMCCCD Data Warehouse

Fill Rates: The percent a class fills/enrolls based on capacity or enrollment maximum defined in the curriculum (does not include positive attendance or open entry/open exit classes).

Department Productivity: Term by Course

| | | | | Census Headcount | End of Term Headcount | FTEF | FTES | WSCH | Load | Sections | Max Enroll |
|------------------|------------------|-----|-------------------------------|---------------------|-----------------------------|------|-------|-------|-------|----------|---------------|
| Fall 2006 | CHEM | 112 | Chemistry in Action | 23 | 18 | 0.36 | 5.98 | 179 | 498 | 1 | 30 |
| | | 192 | Elementary Chemistry | 53 | 37 | 0.52 | 12.72 | 382 | 734 | 2 | 60 |
| | | 210 | General Chemistry I | 82 | 51 | 1.16 | 27.88 | 836 | 721 | 3 | 90 |
| | | 220 | General Chemistry II | 23 | 18 | 0.52 | 7.82 | 235 | 451 | 1 | 30 |
| | | 234 | Organic Chemistry I | 37 | 23 | 0.20 | 3.70 | 111 | 555 | 1 | 50 |
| | | 237 | Organic Chemistry Lab I | 27 | 19 | 0.64 | 6.48 | 194 | 304 | 2 | 50 |
| | | 410 | Chem For Health Sciences | 64 | 59 | 0.45 | 16.64 | 499 | 1,101 | 2 | 60 |
| | | | Chemistry for Health Sciences | 33 | 31 | 0.23 | 8.58 | 257 | 1,135 | 1 | 30 |
| | | 680 | Introduction to Research | 13 | 13 | 0.13 | 0.50 | 15 | 111 | 1 | 15 |
| 690 | Special Projects | 0 | 0 | 0.00 | | | | 1 | 5 | | |
| Fall 2007 | CHEM | 112 | Chemistry in Action | 19 | 19 | 0.36 | 4.18 | 125 | 348 | 1 | 30 |
| | | 192 | Elementary Chemistry | 51 | 36 | 0.52 | 12.24 | 367 | 706 | 2 | 60 |
| | | 210 | General Chemistry I | 84 | 54 | 1.16 | 28.56 | 857 | 739 | 3 | 90 |
| | | 220 | General Chemistry II | 24 | 21 | 0.52 | 8.16 | 245 | 471 | 1 | 30 |
| | | 234 | Organic Chemistry I | 47 | 26 | 0.20 | 4.70 | 141 | 705 | 1 | 50 |
| | | 237 | Organic Chemistry Lab I | 38 | 29 | 0.64 | 9.12 | 274 | 428 | 2 | 50 |
| | | 410 | Chem For Health Sciences | 67 | 58 | 0.45 | 17.42 | 523 | 1,153 | 2 | 60 |
| | | | Chemistry for Health Sciences | 37 | 32 | 0.23 | 9.62 | 289 | 1,273 | 1 | 30 |
| | | 680 | Introduction to Research | 6 | 5 | 0.07 | 0.22 | 7 | 98 | 1 | 20 |
| 690 | Special Projects | 0 | 0 | 0.00 | | | | 1 | 5 | | |
| Fall 2008 | CHEM | 192 | Elementary Chemistry | 60 | 43 | 0.52 | 14.40 | 432 | 831 | 2 | 60 |
| | | 210 | General Chemistry I | 85 | 52 | 1.16 | 28.90 | 867 | 747 | 3 | 90 |
| | | 220 | General Chemistry II | 31 | 26 | 0.52 | 10.54 | 316 | 608 | 1 | 30 |
| | | 234 | Organic Chemistry I | 32 | 21 | 0.20 | 3.20 | 96 | 480 | 1 | 50 |
| | | 235 | Organic Chemistry II | 13 | 8 | 0.20 | 1.30 | 39 | 195 | 1 | 25 |
| | | 237 | Organic Chemistry Lab I | 20 | 15 | 0.64 | 4.13 | 124 | 194 | 2 | 45 |
| | | 238 | Organic Chemistry Lab II | 9 | 7 | 0.32 | 1.86 | 56 | 174 | 1 | 25 |
| | | 410 | Chem For Health Sciences | 125 | 91 | 0.97 | 30.65 | 920 | 945 | 4 | 120 |
| | | | Chemistry for Health Sciences | 35 | 30 | 0.23 | 8.75 | 263 | 1,158 | 1 | 30 |
| 690 | Special Projects | 0 | 0 | 0.00 | | | | 1 | 5 | | |
| Fall 2009 | CHEM | 192 | Elementary Chemistry | 66 | 54 | 0.52 | 16.50 | 495 | 952 | 2 | 60 |
| | | 210 | General Chemistry I | 140 | 71 | 2.00 | 50.71 | 1,521 | 761 | 5 | 150 |
| | | 220 | General Chemistry II | 54 | 38 | 0.84 | 19.85 | 596 | 709 | 2 | 60 |
| | | 234 | Organic Chemistry I | 36 | 23 | 0.20 | 3.60 | 108 | 540 | 1 | 50 |
| | | 235 | Organic Chemistry II | 21 | 13 | 0.20 | 2.10 | 63 | 315 | 1 | 25 |
| | | 237 | Organic Chemistry Lab I | 32 | 18 | 0.64 | 6.93 | 208 | 325 | 2 | 50 |
| | | 238 | Organic Chemistry Lab II | 18 | 15 | 0.32 | 3.90 | 117 | 366 | 1 | 25 |
| | | 410 | Chem For Health Sciences | 117 | 86 | 1.17 | 30.22 | 907 | 773 | 4 | 120 |
| | | | Chemistry for Health Sciences | 36 | 28 | 0.23 | 9.60 | 288 | 1,270 | 1 | 30 |
| 690 | Special Projects | 0 | 0 | 0.00 | | | | 1 | 5 | | |
| Fall 2010 | CHEM | 192 | Elementary Chemistry | 65 | 36 | 0.52 | 13.00 | 390 | 750 | 2 | 60 |
| | | 210 | General Chemistry I | 120 | 56 | 1.68 | 36.00 | 1,080 | 643 | 4 | 120 |
| | | 220 | General Chemistry II | 53 | 40 | 0.84 | 16.40 | 492 | 586 | 2 | 60 |
| | | 234 | Organic Chemistry I | 40 | 23 | 0.20 | 4.00 | 120 | 600 | 1 | 50 |
| | | 235 | Organic Chemistry II | 22 | 15 | 0.20 | 2.20 | 66 | 330 | 1 | 25 |
| | | 237 | Organic Chemistry Lab I | 38 | 27 | 0.64 | 6.71 | 201 | 315 | 2 | 50 |
| | | 238 | Organic Chemistry Lab II | 16 | 11 | 0.32 | 2.83 | 85 | 265 | 1 | 25 |

| | | | | Census Headcount | End of Term Headcount | FTEF | FTES | WSCH | Load | Sections | Max Enroll |
|------------------------|------|-----|-------------------------------|---------------------|-----------------------------|------|-------|-------|------|----------|---------------|
| | | 410 | Chem For Health Sciences | 148 | 113 | 1.33 | 30.74 | 922 | 692 | 5 | 150 |
| | | | Chemistry for Health Sciences | 31 | 26 | 0.23 | 6.82 | 205 | 903 | 1 | 30 |
| Spring 2007 | CHEM | 112 | Chemistry in Action | 25 | 21 | 0.36 | 6.08 | 183 | 507 | 1 | 30 |
| | | 192 | Elementary Chemistry | 60 | 34 | 0.52 | 14.00 | 420 | 808 | 2 | 60 |
| | | 210 | General Chemistry I | 88 | 56 | 1.16 | 29.33 | 880 | 759 | 3 | 90 |
| | | 220 | General Chemistry II | 33 | 26 | 0.84 | 11.00 | 330 | 393 | 2 | 55 |
| | | 235 | Organic Chemistry II | 19 | 16 | 0.20 | 1.90 | 57 | 285 | 1 | 25 |
| | | 238 | Organic Chemistry Lab II | 18 | 15 | 0.32 | 3.33 | 100 | 313 | 2 | 48 |
| | | 410 | Chem For Health Sciences | 93 | 68 | 0.68 | 21.70 | 651 | 957 | 3 | 90 |
| | | 690 | Special Projects | 0 | 0 | 0.00 | | | | 1 | 5 |
| Spring 2008 | CHEM | 192 | Elementary Chemistry | 61 | 34 | 0.52 | 14.64 | 439 | 845 | 2 | 60 |
| | | 210 | General Chemistry I | 92 | 55 | 1.16 | 31.28 | 938 | 809 | 3 | 90 |
| | | 220 | General Chemistry II | 52 | 29 | 0.84 | 17.68 | 530 | 631 | 2 | 60 |
| | | 234 | Organic Chemistry I | 28 | 15 | 0.20 | 2.80 | 84 | 420 | 1 | 25 |
| | | 235 | Organic Chemistry II | 24 | 22 | 0.20 | 2.40 | 72 | 360 | 1 | 25 |
| | | 237 | Organic Chemistry Lab I | 17 | 12 | 0.32 | 3.51 | 105 | 329 | 1 | 25 |
| | | 238 | Organic Chemistry Lab II | 24 | 20 | 0.32 | 4.96 | 149 | 465 | 1 | 25 |
| | | 410 | Chem For Health Sciences | 148 | 116 | 1.40 | 35.52 | 1,066 | 761 | 5 | 150 |
| | | 690 | Special Projects | 0 | 0 | 0.00 | | | | 1 | 10 |
| Spring 2009 | CHEM | 112 | Chemistry in Action | 24 | 18 | 0.36 | 6.40 | 192 | 533 | 1 | 30 |
| | | 192 | Elementary Chemistry | 56 | 28 | 0.52 | 13.44 | 403 | 775 | 2 | 60 |
| | | 210 | General Chemistry I | 142 | 79 | 1.84 | 49.69 | 1,491 | 810 | 5 | 150 |
| | | 220 | General Chemistry II | 55 | 40 | 0.84 | 18.70 | 561 | 668 | 2 | 60 |
| | | 234 | Organic Chemistry I | 26 | 16 | 0.20 | 2.60 | 78 | 390 | 1 | 25 |
| | | 235 | Organic Chemistry II | 15 | 9 | 0.20 | 1.50 | 45 | 225 | 1 | 25 |
| | | 237 | Organic Chemistry Lab I | 19 | 12 | 0.32 | 3.93 | 118 | 368 | 1 | 25 |
| | | 238 | Organic Chemistry Lab II | 12 | 9 | 0.32 | 2.48 | 74 | 233 | 1 | 25 |
| | | 410 | Chem For Health Sciences | 154 | 126 | 1.20 | 36.96 | 1,109 | 924 | 5 | 150 |
| | | 690 | Special Projects | 0 | 0 | 0.00 | | | | 1 | 10 |
| Spring 2010 | CHEM | 192 | Elementary Chemistry | 63 | 33 | 0.52 | 15.75 | 473 | 909 | 2 | 60 |
| | | 210 | General Chemistry I | 123 | 56 | 1.66 | 49.62 | 1,489 | 897 | 4 | 120 |
| | | 220 | General Chemistry II | 60 | 38 | 0.84 | 20.40 | 612 | 729 | 2 | 60 |
| | | 234 | Organic Chemistry I | 30 | 20 | 0.20 | 6.00 | 180 | 900 | 1 | 25 |
| | | 235 | Organic Chemistry II | 24 | 20 | 0.20 | 2.40 | 72 | 360 | 1 | 25 |
| | | 237 | Organic Chemistry Lab I | 18 | 14 | 0.32 | 3.90 | 117 | 366 | 1 | 25 |
| | | 238 | Organic Chemistry Lab II | 15 | 15 | 0.32 | 3.25 | 98 | 305 | 1 | 25 |
| | | 410 | Chem For Health Sciences | 166 | 144 | 1.40 | 41.50 | 1,245 | 889 | 5 | 151 |
| | | | | 690 | Special Projects | 0 | 0 | 0.00 | | | |
| Spring 2011 | CHEM | 112 | Chemistry in Action | 26 | 21 | 0.36 | 5.20 | 156 | 433 | 1 | 30 |
| | | 192 | Elementary Chemistry | 53 | 41 | 0.52 | 10.60 | 318 | 612 | 2 | 60 |
| | | 210 | General Chemistry I | 142 | 76 | 2.00 | 42.60 | 1,278 | 639 | 5 | 150 |
| | | 220 | General Chemistry II | 56 | 32 | 0.84 | 16.80 | 504 | 600 | 2 | 60 |
| | | 234 | Organic Chemistry I | 29 | 18 | 0.20 | 2.90 | 87 | 435 | 1 | 25 |
| | | 235 | Organic Chemistry II | 16 | 12 | 0.20 | 1.60 | 48 | 240 | 1 | 25 |
| | | 237 | Organic Chemistry Lab I | 21 | 14 | 0.32 | 3.71 | 111 | 348 | 1 | 25 |
| | | 238 | Organic Chemistry Lab II | 19 | 14 | 0.32 | 3.36 | 101 | 315 | 1 | 25 |
| | | 410 | Chem For Health Sciences | 150 | 122 | 1.40 | 30.00 | 900 | 643 | 5 | 150 |
| Summer 2011 | CHEM | 192 | Elementary Chemistry | 58 | 49 | 0.52 | 12.69 | 381 | 732 | 2 | 60 |

| | | | | Census Headcount | End of Term Headcount | FTEF | FTES | WSCH | Load | Sections | Max Enroll |
|------------------------|------|--------------------------|--------------------------|---------------------|-----------------------------|-------|-------|------|------|----------|---------------|
| 2006 | | 210 | General Chemistry I | 33 | 27 | 0.52 | 9.84 | 295 | 568 | 1 | 30 |
| | | 220 | General Chemistry II | 30 | 26 | 0.52 | 8.95 | 268 | 516 | 1 | 30 |
| | | 410 | Chem For Health Sciences | 36 | 27 | 0.49 | 7.54 | 226 | 458 | 2 | 60 |
| Summer 2007 | CHEM | 192 | Elementary Chemistry | 56 | 50 | 0.52 | 12.66 | 380 | 731 | 2 | 60 |
| | | 210 | General Chemistry I | 28 | 27 | 0.52 | 9.14 | 274 | 528 | 1 | 30 |
| | | 220 | General Chemistry II | 26 | 21 | 0.52 | 8.22 | 247 | 474 | 1 | 30 |
| | 410 | Chem For Health Sciences | 55 | 41 | 0.52 | 10.86 | 326 | 627 | 2 | 60 | |
| Summer 2008 | CHEM | 192 | Elementary Chemistry | 61 | 46 | 0.52 | 14.64 | 439 | 845 | 2 | 60 |
| | | 210 | General Chemistry I | 33 | 21 | 0.52 | 10.74 | 322 | 619 | 1 | 30 |
| | | 220 | General Chemistry II | 31 | 26 | 0.52 | 10.09 | 303 | 582 | 1 | 30 |
| | | 410 | Chem For Health Sciences | 48 | 39 | 0.52 | 10.44 | 313 | 602 | 2 | 60 |
| Summer 2009 | CHEM | 192 | Elementary Chemistry | 68 | 59 | 0.52 | 15.78 | 473 | 910 | 2 | 60 |
| | | 210 | General Chemistry I | 33 | 23 | 0.52 | 10.91 | 327 | 630 | 1 | 30 |
| | | 220 | General Chemistry II | 33 | 27 | 0.52 | 10.91 | 327 | 630 | 1 | 30 |
| | | 410 | Chem For Health Sciences | 47 | 33 | 0.52 | 10.78 | 323 | 622 | 2 | 60 |
| Summer 2010 | CHEM | 192 | Elementary Chemistry | 35 | 27 | 0.36 | 6.45 | 193 | 537 | 1 | 30 |
| | | 210 | General Chemistry I | 34 | 30 | 0.52 | 9.44 | 283 | 545 | 1 | 30 |
| | | 220 | General Chemistry II | 33 | 22 | 0.52 | 9.16 | 275 | 529 | 1 | 30 |
| | | 410 | Chem For Health Sciences | 32 | 24 | 0.36 | 6.29 | 189 | 524 | 1 | 30 |