

Roster of Astronomy Departments with Enrollment and Degree Data, 2011

Results from the 2011 Survey of Enrollments and Degrees

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This roster contains detailed data from the annual Survey of Enrollments and Degrees. The survey was conducted in the fall of the 2011-12 academic year and includes all degree-granting astronomy departments in the United States.

The number of astronomy bachelor's conferred in the U.S. continues to climb. The academic year 2010-11 produced more astronomy bachelor's than in any other time in U.S. history. The 408 astronomy bachelor's degrees earned in the class of 2011 more than doubled the class of 2000. The number of astronomy PhDs conferred (160) is one degree short of being tied with the all-time high of three years earlier.

| Total Astronomy Degrees Academic Year 2010-2011 | |
|--|-----|
| Bachelor's | 408 |
| Exiting Master's | 47 |
| Enroute Master's | 108 |
| PhDs | 160 |

| Total Astronomy Enrollments Fall 2011 | |
|---|-------|
| Juniors | 487 |
| Seniors | 666 |
| 1 st Yr Grad | 224 |
| Total Grad | 1,122 |

| Number of Departments by Highest Degree Offered Academic Year 2010-2011 | |
|---|----|
| Bachelor's | 36 |
| Master's | 3 |
| PhD | 40 |
| Total Departments | 79 |

All but 6 of the 79 degree-granting astronomy departments contributed to the data supplied in this year's roster (92%). Thirty-nine of the departments are stand-alone astronomy departments and the remaining 40 are combined physics and astronomy departments. The totals above include data from responding departments as well as estimated data for the 6 non-responding departments.

| Trend in astronomy enrollments and degrees, academic years 2000 to 2012. | | | | | | | |
|--|-----------------------------|------------------|-------|---|---------|--|-------|
| Academic Year | Number of astronomy degrees | | | Undergraduate astronomy major enrollments | | Graduate astronomy student enrollments | |
| | Bachelor's | Exiting Master's | PhD's | Juniors | Seniors | 1 st -year | Total |
| 2000-01 | 274 | 13 | 101 | 391 | 461 | 180 | 809 |
| 2001-02 | 325 | 22 | 102 | 420 | 478 | 170 | 807 |
| 2002-03 | 325 | 22 | 88 | 385 | 576 | 201 | 892 |
| 2003-04 | 316 | 27 | 116 | 441 | 540 | 218 | 966 |
| 2004-05 | 343 | 27 | 91 | 437 | 584 | 212 | 999 |
| 2005-06 | 351 | 30 | 119 | 511 | 565 | 188 | 1,026 |
| 2006-07 | 336 | 18 | 125 | 379 | 569 | 206 | 1,077 |
| 2007-08 | 327 | 36 | 161 | 364 | 536 | 193 | 1,081 |
| 2008-09 | 322 | 29 | 141 | 388 | 515 | 215 | 1,065 |
| 2009-10 | 382 | 23 | 156 | 382 | 605 | 193 | 1,083 |
| 2010-11 | 408 | 47 | 160 | 450 | 637 | 202 | 1,156 |
| 2011-12 | | | | 487 | 666 | 224 | 1,122 |

Notations used in this roster:

- m* Master's is the department's highest astronomy degree (N=3).
- p* PhD is the department's highest astronomy degree (N=40).
- s* Separate from the physics department at that university (N=39).
- c* Combined with the physics department at that university (N=40).
- GRADUATE ONLY Department has no undergraduate program in astronomy (N=9).
- FIRST YEAR This column includes graduate students who were new to the department in the fall 2011 as well as students who entered the department in the previous winter, spring and summer.
- EXITING MASTER'S This column reflects the number of students who left the department with a master's degree.
- FIRST TERM INTRODUCTORY COURSE ENROLLMENTS The introductory course enrollment totals listed for each department represent the number of students who took their first term of introductory level astronomy. Departments were instructed not to include enrollments for courses that were a continuation of a sequence.
- Data for this field were not provided.

| INSTITUTION | DEPT TYPE | 2010-11 | FALL 2011 | | FALL 2011 | | 2010-11 | | | |
|--------------------------------------|--------------|---|-------------------------|-------------------|-------------------|---------|-------------------|------------|---------------------|------|
| | | FIRST-TERM INTRODUCTORY ASTRO COURSE ENROLLMENTS | UNDERGRADUATE MAJORS | | GRADUATE STUDENTS | | ASTRONOMY DEGREES | | | |
| | | | JR | SR | TOTAL | FOREIGN | FIRST YEAR | BACHELOR'S | EXITING MASTER'S | PHDS |
| ARIZONA | | | | | | | | | | |
| <i>p</i> Arizona State U (Astrophys) | s | | DATA NOT PROVIDED | | | | | | | |
| <i>p</i> Arizona-U of | s | 1800 | 19 | 21 | 41 | 9 | 5 | 12 | 1 | 6 |
| <i>p</i> Arizona-U of (Planetary) | s | GRADUATE ONLY | | DATA NOT PROVIDED | | | | | | |
| Northern Arizona U | c | 398 | 18 | 7 | | | | 21 | | |
| CALIFORNIA | | | | | | | | | | |
| <i>p</i> CA Inst of Tech | s | | 4 | 3 | 34 | 18 | 9 | 4 | 0 | 2 |
| <i>p</i> CA-U of, Berkeley | s | 1123 | 2 | 40 | 31 | 2 | 5 | 22 | 0 | 4 |
| <i>p</i> CA-U of, Los Angeles | c | 1586 | 18 | 19 | 25 | 2 | 7 | 9 | 0 | 2 |
| <i>p</i> CA-U of, Santa Cruz | s | GRADUATE ONLY | | 37 8 5 0 7 | | | | | | |
| <i>m</i> San Diego State U | s | 1026 | 4 | 11 | 7 | 0 | 4 | 0 | 5 | |
| Southern CA-U of (USC) | c | 512 | 0 | 1 | | | | 1 | | |
| COLORADO | | | | | | | | | | |
| <i>p</i> CO-U of, Boulder | s | 898 | 47 | 68 | 54 | 6 | 14 | 24 | 1 | 6 |
| CONNECTICUT | | | | | | | | | | |
| Connecticut Coll | c | 81 | 0 | 0 | | | | 0 | | |
| <i>m</i> Wesleyan U | s | 159 | 5 | 8 | 4 | 0 | 2 | 2 | 2 | |
| <i>p</i> Yale U | s | 538 | 8 | 2 | 27 | 6 | 2 | 8 | 0 | 2 |
| FLORIDA | | | | | | | | | | |
| <i>p</i> Florida Inst of Tech | c | 104 | 19 | 30 | 20 | 5 | 9 | 17 | 12 | 0 |
| <i>p</i> Florida-U of | s | 2464 | 4 | 13 | 28 | 12 | 6 | 10 | 0 | 9 |
| GEORGIA | | | | | | | | | | |
| Agnes Scott Coll | c | 91 | 1 | 2 | | | | 2 | | |
| <i>p</i> Georgia State U | c | 907 | GRADUATE ONLY | | 22 | 2 | 5 | | 0 | 3 |
| Valdosta State U | c | 677 | 4 | 1 | | | | 1 | | |
| HAWAII | | | | | | | | | | |
| Hawaii-U of, Hilo | c | DATA NOT PROVIDED | | | | | | | | |
| <i>p</i> Hawaii-U of, at Manoa | c | GRADUATE ONLY | | DATA NOT PROVIDED | | | | | | |
| ILLINOIS | | | | | | | | | | |
| <i>p</i> Chicago-U of | s | GRADUATE ONLY | | 29 9 5 0 4 | | | | | | |
| <i>p</i> Illinois-U of, Urbana | s | 2077 | 12 | 7 | 25 | 13 | 3 | 8 | 5 | 5 |
| INDIANA | | | | | | | | | | |
| <i>p</i> Indiana U-Bloomington | s | 2485 | 12 | 13 | 17 | 1 | 4 | 5 | 1 | 2 |
| IOWA | | | | | | | | | | |
| Drake U | c | 604 | 2 | 1 | | | | 0 | | |
| <i>p</i> Iowa State U | c | GRADUATE ONLY | | 6 1 0 3 3 | | | | | | |
| <i>m</i> Iowa-U of | c | 980 | 8 | 14 | 9 | 1 | 5 | 5 | 0 | |
| KANSAS | | | | | | | | | | |
| Benedictine Coll | c | 157 | 1 | 0 | | | | 1 | | |
| Kansas-U of | c | 304 | 5 | 8 | | | | 0 | | |
| MARYLAND | | | | | | | | | | |
| <i>p</i> Johns Hopkins U | c | GRADUATE ONLY | | 50 23 10 0 6 | | | | | | |
| <i>p</i> MD-U of, College Park | s | 1050 | 23 | 14 | 39 | 14 | 8 | 13 | 1 | 7 |
| MASSACHUSETTS | | | | | | | | | | |
| Amherst Coll | s | 42 | 1 | 0 | | | | 1 | | |
| <i>p</i> Boston U | s | 610 | 17 | 9 | 42 | 7 | 5 | 10 | 1 | 8 |
| <i>p</i> Harvard U | s | 88 | 6 | 14 | 49 | 10 | 13 | 6 | 0 | 10 |
| <i>p</i> MA-U of, Amherst | s | 1041 | 10 | 8 | 21 | 8 | 4 | 10 | 1 | 3 |
| Mount Holyoke Coll | s | 262 | 8 | 6 | | | | 2 | | |
| Smith Coll | s | 127 | 4 | 2 | | | | 1 | | |
| <i>p</i> Tufts U | c | 607 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wellesley Coll | s | 172 | 4 | 2 | | | | 2 | | |
| Williams Coll | s | 112 | 5 | 4 | | | | 5 | | |
| MICHIGAN | | | | | | | | | | |
| <i>p</i> Michigan State U | c | 1410 | 9 | 17 | 11 | 0 | 3 | 18 | 0 | 3 |
| <i>p</i> Michigan-U of | s | 1750 | 8 | 7 | 25 | 3 | 3 | 17 | 1 | 3 |

| INSTITUTION | DEPT TYPE | 2010-11 FIRST-TERM INTRODUCTORY ASTRO COURSE ENROLLMENTS | FALL 2011 UNDERGRADUATE MAJORS | | FALL 2011 GRADUATE STUDENTS | | | 2010-11 ASTRONOMY DEGREES | | |
|--------------------------------|--------------|--|--------------------------------------|----|--------------------------------|---------|---------------|------------------------------|---------------------|------|
| | | | JR | SR | TOTAL | FOREIGN | FIRST YEAR | BACHELOR'S | EXITING MASTER'S | PHDS |
| MINNESOTA | | | | | | | | | | |
| Minnesota St U-Mankato | c | 945 | 0 | 3 | | | | 1 | | |
| p Minnesota-U of | s | 1300 | 6 | 25 | 15 | 2 | 4 | 6 | 1 | 5 |
| NEW HAMPSHIRE | | | | | | | | | | |
| Dartmouth Coll | c | 476 | 0 | 2 | | | | 1 | | |
| NEW JERSEY | | | | | | | | | | |
| p Princeton U | s | | DATA NOT PROVIDED | | | | | | | |
| p Princeton U-Forrestal Campus | s | | GRADUATE ONLY | | 42 | 11 | 7 | | 0 | 4 |
| NEW MEXICO | | | | | | | | | | |
| p New Mexico State U | s | | GRADUATE ONLY | | 30 | 1 | 5 | | 3 | 4 |
| NEW YORK | | | | | | | | | | |
| Barnard Coll | c | 87 | 0 | 1 | | | | 2 | | |
| Colgate U | c | 177 | 4 | 1 | | | | 6 | | |
| p Columbia U | s | 232 | 7 | 8 | 30 | 9 | 7 | 7 | 2 | 4 |
| p Cornell U | s | 785 | 3 | 3 | 31 | 11 | 11 | 3 | 3 | 5 |
| Rochester-U of | c | 243 | 7 | 6 | | | | 10 | | |
| SUNY-Stony Brook | c | 817 | 9 | 20 | | | | 3 | | |
| Union Coll | c | 92 | 0 | 0 | | | | 0 | | |
| Vassar Coll | c | 76 | 1 | 1 | | | | 4 | | |
| OHIO | | | | | | | | | | |
| p Case Western Reserve U | s | 125 | 1 | 4 | 3 | 1 | 2 | 4 | 0 | 1 |
| Mount Union-U of | c | 99 | 0 | 0 | | | | 0 | | |
| p Ohio State U | s | 1447 | 7 | 9 | 24 | 6 | 5 | 10 | 1 | 6 |
| Ohio Wesleyan U | c | 95 | 0 | 1 | | | | 0 | | |
| Toledo-U of | c | — | 4 | 11 | | | | 3 | | |
| Youngstown State U | c | 934 | 2 | 3 | | | | 3 | | |
| OKLAHOMA | | | | | | | | | | |
| Oklahoma-U of | c | 232 | 8 | 6 | | | | 6 | | |
| PENNSYLVANIA | | | | | | | | | | |
| Haverford Coll | c | 58 | 2 | 7 | | | | 2 | | |
| Lycoming Coll | c | 158 | 4 | 6 | | | | 1 | | |
| p Pennsylvania St U | s | 3633 | 10 | 8 | 32 | 6 | 6 | 6 | 1 | 3 |
| p Pittsburgh-U of | c | 1288 | 4 | 12 | * | * | * | 14 | 0 | 0 |
| Swarthmore Coll | c | 81 | 0 | 1 | | | | 2 | | |
| Villanova U | s | 207 | 6 | 7 | | | | 4 | | |
| SOUTH CAROLINA | | | | | | | | | | |
| Charleston-Coll of | c | 328 | 6 | 12 | | | | 0 | | |
| TEXAS | | | | | | | | | | |
| p Rice U | c | 41 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| p Texas-U of, Austin | s | 1889 | 49 | 42 | 43 | 11 | 10 | 11 | 0 | 5 |
| VERMONT | | | | | | | | | | |
| Marlboro Coll | c | — | 0 | 0 | | | | 0 | | |
| VIRGINIA | | | | | | | | | | |
| George Mason U | c | | DATA NOT PROVIDED | | | | | | | |
| p Virginia-U of | s | 1896 | 5 | 8 | 31 | 10 | 4 | 8 | 0 | 9 |
| WASHINGTON | | | | | | | | | | |
| p Washington-U of | s | 1748 | 20 | 42 | 30 | 3 | 4 | 20 | 0 | 3 |
| Whitman Coll | s | 160 | 4 | 4 | | | | 4 | | |
| WISCONSIN | | | | | | | | | | |
| p Wisconsin-U of, Madison | s | 951 | 1 | 21 | 24 | 4 | 3 | 9 | 0 | 5 |
| WYOMING | | | | | | | | | | |
| Wyoming-U of | c | 290 | 5 | 5 | | | | 1 | | |

* U of Pittsburgh - Astronomy graduate enrollment data are incorporated into their physics graduate enrollments listed in the physics roster.