

By Starr Nicholson
Patrick J. Mulvey

AIP Pub. No. R-395.15

September 2009

ROSTER OF ASTRONOMY DEPARTMENTS WITH ENROLLMENT AND DEGREE DATA, 2008.

This roster contains detailed data from the annual Survey of Enrollments and Degrees. The survey was conducted in the fall of the 2008-09 academic year and includes all degree-granting astronomy departments in the United States.

The 327 astronomy bachelor's conferred in the class of 2008 represents a 7% decline from the all time high two years earlier. Graduate student enrollment at astronomy departments has remained steady in recent years with a little over 1,000 students. Astronomy departments produced a record number of PhDs in the class of 2008 with 161 doctorates conferred.

Total Astronomy Degrees Academic Year 2007-2008	
Bachelor's	327
Exiting Master's	36
Enroute Master's	114
PhD	161

Total Astronomy Enrollments Fall 2008	
Juniors	388
Seniors	515
1 st Yr Grad	215
Total Grad	1,065

Number of Departments by Highest Degree Offered	
Bachelor's	33
Master's	3
PhD	39
Total Departments	75

All but 4 of the 75 degree-granting astronomy departments contributed to the data supplied in this year's roster (95%). About half of the departments are stand alone astronomy departments and half are combined physics and astronomy departments. The totals above include data from responding departments as well as estimated data from non-responding departments.

Trend in astronomy enrollments and degrees, academic years 1998 to 2009.							
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
1998-99	195	23	88	263	340	165	799
1999-00	202	25	139	395	409	187	838
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				388	515	215	1,065

Notations used in this roster:

<i>m</i>	Master's is the department's highest astronomy degree (N=3).
<i>p</i>	PhD is the department's highest astronomy degree (N=39).
<i>s</i>	Separate from the physics department (N=38).
<i>c</i>	Combined with the physics department (N=37).
GRADUATE ONLY	Department has no undergraduate program in astronomy (N=8).
FIRST YEAR	This column includes graduate students who were new to the department in the fall 2008 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	2007-08	FALL 2008		FALL 2008			2007-08		
		FIRST-TERM INTRODUCTORY COURSE ENROLLMENTS	UNDERGRADUATE MAJORS	SR	GRADUATE STUDENTS	FOREIGN	FIRST YEAR	ASTRONOMY DEGREES	EXITING	PHD
			JR		TOTAL			BACHELOR'S	MASTER'S	
ARIZONA										
<i>p</i> Arizona-U of	s	1486	20	21	43	11	10	7	1	11
<i>p</i> Arizona-U of (Planetary)	s	GRADUATE ONLY			33	7	5		4	3
Northern Arizona U	c	369	5	9				8		
CALIFORNIA										
<i>p</i> CA Inst of Tech	s		4	3	24	14	4	4	0	7
<i>p</i> CA-U of, Berkeley	s	1126	7	39	40	3	9	28	0	9
<i>p</i> CA-U of, Los Angeles	c	1334	6	14	21	1	2	12	0	3
<i>p</i> CA-U of, Santa Cruz	s	875	GRADUATE ONLY		38	5	9		2	7
<i>m</i> San Diego State U	s	910	3	2	15	3	7	4	8	
Southern CA-U of (USC)	c	327	0	1				4		
COLORADO										
<i>p</i> CO-U of, Boulder	s	1127	22	25	47	3	9	15	0	10
CONNECTICUT										
Connecticut Coll	c	124	0	1				4		
<i>m</i> Wesleyan U	s	117	6	3	5		2	5	3	
<i>p</i> Yale U	s	572	10	5	21	6	1	3	2	2
FLORIDA										
<i>p</i> Florida Inst of Tech	c	114	14	21	23	3	6	15	1	1
<i>p</i> Florida-U of	s	1960	10	9	29	12	4	5	0	6
GEORGIA										
Agnes Scott Coll	c	67	1	3				2		
<i>p</i> Georgia State U	c	GRADUATE ONLY		DATA NOT PROVIDED						
Valdosta State U	c	478	2	2				2		
HAWAII										
Hawaii-U of, Hilo	c	204	9	17				10		
<i>p</i> Hawaii-U of, at Manoa	c	538	GRADUATE ONLY		44	12	16		1	5
ILLINOIS										
<i>p</i> Chicago-U of	s	GRADUATE ONLY			29	7	4		0	6
<i>p</i> Illinois-U of, Urbana	s	1744	9	11	28	17	5	7	0	0
INDIANA										
<i>p</i> Indiana U-Bloomington	s	1823	6	8	21	2	3	1	0	2
IOWA										
Drake U	c	520	2	2				0		
<i>p</i> Iowa State U	c	366	GRADUATE ONLY		16	6	7		1	0
<i>m</i> Iowa-U of	c	841	12	4	0	0	0	4	0	
KANSAS										
Benedictine Coll	c	98	2	0				1		
Kansas-U of	c	492	3	9				3		
MARYLAND										
<i>p</i> MD-U of, College Park	s	1352	13	13	33	10	6	8	0	8
MASSACHUSETTS										
Amherst Coll	s	80	0	2				0		
<i>p</i> Boston U	s	456	9	15	40	29	7	8	0	3
<i>p</i> Harvard U	s	383	1	3	50	17	8	3	0	9
<i>p</i> MA-U of, Amherst	s	1745	19	7	27	16	7	7	0	2
Mount Holyoke Coll	s	276	1	2				1		
Smith Coll	s	122	0	4				3		
<i>p</i> Tufts U	c	DATA NOT PROVIDED								
Wellesley Coll	s	172	3	1				4		
Williams Coll	s	123	6	0				8		

INSTITUTION	DEPT TYPE	2007-08 FIRST-TERM INTRODUCTORY COURSE ENROLLMENTS	FALL 2008 UNDERGRADUATE MAJORS		FALL 2008 GRADUATE STUDENTS			2007-08 ASTRONOMY DEGREES		
			JR	SR	TOTAL	FOREIGN	FIRST YEAR	BACHELOR'S	EXITING MASTER'S	PHD
MICHIGAN										
p Michigan State U	c	1491	20	24	13	1	3	10	1	5
p Michigan-U of	s	749	5	11	29	8	5	4	0	1
MINNESOTA										
Minnesota St U-Mankato	c	848	1	2				1		
p Minnesota-U of	s	1151	4	20	19	1	4	4	1	4
NEW JERSEY										
p Princeton U	s	244	7	2	21	13	7	5	1	1
p Princeton U-Forrestal Campus	s	GRADUATE ONLY			36	11	4		0	7
NEW MEXICO										
p New Mexico State U	s	815	GRADUATE ONLY		30	3	6		2	3
NEW YORK										
Barnard Coll	c	103	0	1				0		
Colgate U	c	185	1	3				5		
p Columbia U	s	170	6	11	28	9	5	5	0	5
p Cornell U	s	721	4	2	32	10	2	3	2	4
Rochester-U of	c	207	8	3				8		
SUNY-Stony Brook	c	730	8	5				4		
Union Coll	c	71	1	0				0		
Vassar Coll	c	48	3	4				2		
OHIO										
p Case Western Reserve U	s	97	4	3	2	1	1	3	0	0
Mount Union Coll	c	93	0	0				2		
p Ohio State U	s	1969	9	9	27	10	7	5	0	3
Ohio Wesleyan U	c	171	4	2				2		
Toledo-U of	c		5	5				0		
Youngstown State U	c	850	7	3				1		
OKLAHOMA										
Oklahoma-U of	c	335	2	12				3		
PENNSYLVANIA										
Haverford Coll	c	110	3	3				4		
Lycoming Coll	c	210	3	5				6		
p Pennsylvania St U	s	3897	11	15	36	14	10	7	2	9
p Pittsburgh-U of	c	1248	2	4	*	*	*	2	0	0
Swarthmore Coll	c	92	4	1				0		
Villanova U	s	264	1	3				5		
TEXAS										
p Rice U	c	61	0	2	14	5	0	0	1	2
p Texas-U of, Austin	s	1565	19	25	42	10	10	11	2	9
VERMONT										
Marlboro Coll	c	DATA NOT PROVIDED								
VIRGINIA										
p George Mason U	c	DATA NOT PROVIDED								
p Virginia-U of	s	1956	8	4	34	11	6	9	1	3
WASHINGTON										
p Washington-U of	s	1752	25	33	26	4	5	11	0	5
Whitman Coll	s	171	2	6				8		
WISCONSIN										
p Wisconsin-U of, Madison	s	612	0	27	27	4	3	9	0	2
WYOMING										
Wyoming-U of	c	262	3	6				1		

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