

# Roster of Astronomy Departments with Enrollment and Degree Data, 2012

Results from the 2012 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 2012 and includes all degree-granting astronomy departments in the United States.

There were 385 astronomy bachelor's degrees awarded in the 2011-12 academic year. The U.S. has experienced a sharp increase in the number of bachelor astronomy degrees awarded in recent years with about twice as many degrees now being awarded than a decade ago. The number of astronomy PhDs conferred has averaged around 150 degrees for the last five years, with 152 degrees awarded in the 2011-12 academic year. The number of astronomy PhDs awarded in recent years is up about 50% from a decade earlier.

Total Astronomy Degrees Academic Year 2011-2012	
Bachelor's	385
Exiting Master's	35
Enroute Master's	86
PhDs	152

Total Astronomy Enrollments Fall 2012	
Juniors	484
Seniors	694
1 <sup>st</sup> Yr Grad	233
Total Grad	1,134

Number of Departments by Highest Degree Offered Academic Year 2011-2012	
Bachelor's	36
Master's	3
PhD	40
Total Departments	79

All but 7 of the 79 degree-granting astronomy departments contributed to the data supplied in this year's roster (89%). 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 7 non-responding departments.

Trend in astronomy enrollments and degrees, academic years 2001 to 2013.							
Academic Year	Number of astronomy degrees			Undergraduate astronomy major enrollments		Graduate astronomy student enrollments	
	Bachelor's	Exiting Master's	PhD's	Juniors	Seniors	1 <sup>st</sup> -year	Total
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	385	35	152	487	666	224	1,122
2012-13				484	694	233	1,134

**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* This is a combined department, offering degrees in both astronomy and physics (N=40). Data concerning the physics portion of their program can be found in the "Roster of Physics Departments, 2012".
- 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 2012 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	2011-12 FIRST-TERM INTRODUCTORY ASTRO COURSE ENROLLMENTS	FALL 2012 UNDERGRADUATE MAJORS		FALL 2012 GRADUATE STUDENTS			2011-12 ASTRONOMY DEGREES		
			JR	SR	TOTAL	FOREIGN	FIRST YEAR	BACHELOR'S	EXITING MASTER'S	PHDS
<b>ARIZONA</b>										
<i>p</i> Arizona State U (Astrophys)	s		DATA NOT PROVIDED							
<i>p</i> Arizona-U of	s	1872	15	13	42	8	7	8	1	4
<i>p</i> Arizona-U of (Planetary)	s	GRADUATE ONLY		DATA NOT PROVIDED						
Northern Arizona U	c	312	17	15						
<b>CALIFORNIA</b>										
<i>p</i> CA Inst of Tech	s		8	2	32	—	6	3	0	6
<i>p</i> CA-U of, Berkeley	s	1167	6	48	33	4	6	25	0	4
<i>p</i> CA-U of, Los Angeles	c	1529	16	25	23	2	5	10	1	3
<i>p</i> CA-U of, Santa Cruz	s	1170	GRADUATE ONLY		36	6	7			
<i>m</i> San Diego State U	s	1029	4	9	12	1	7	2	5	
Southern CA-U of (USC)	c	421	3	1						
<b>COLORADO</b>										
<i>p</i> CO-U of, Boulder	s	981	60	68	52	5	11	28	1	7
<b>CONNECTICUT</b>										
Connecticut Coll	c	100	0	2						
<i>m</i> Wesleyan U	s	127	2	6	6	0	2	7	2	
<i>p</i> Yale U	s	250	4	5	24	4	3	2	0	5
<b>FLORIDA</b>										
<i>p</i> Florida Inst of Tech	c	99	18	27	23	4	9	13	3	0
<i>p</i> Florida-U of	s	1570	4	9	34	18	12	5	0	5
<b>GEORGIA</b>										
Agnes Scott Coll	c	125	3	2						
<i>p</i> Georgia State U	c	GRADUATE ONLY		19	2	4				
Valdosta State U	c	705	3	1						
<b>HAWAII</b>										
Hawaii-U of, Hilo	c	245	14	10						
<i>p</i> Hawaii-U of, at Manoa	c	GRADUATE ONLY		DATA NOT PROVIDED						
<b>ILLINOIS</b>										
<i>p</i> Chicago-U of	s	GRADUATE ONLY		29	9	6				
<i>p</i> Illinois-U of, Urbana	s	2473	10	16	24	13	7	6	4	6
<b>INDIANA</b>										
<i>p</i> Indiana U-Bloomington	s	2209	5	13	19	2	3	10	0	5
<b>IOWA</b>										
Drake U	c	507	3	1						
<i>p</i> Iowa State U	c	393	GRADUATE ONLY		6	1	0			
<i>m</i> Iowa-U of	c	DATA NOT PROVIDED								
<b>KANSAS</b>										
Benedictine Coll	c	109	1	1						
Kansas-U of	c	438	7	13						
<b>MARYLAND</b>										
<i>p</i> Johns Hopkins U	c	183	GRADUATE ONLY		45	14	9			
<i>p</i> MD-U of, College Park	s	982	17	34	42	15	6	12	0	3
<b>MASSACHUSETTS</b>										
Amherst Coll	s	DATA NOT PROVIDED								
<i>p</i> Boston U	s	613	7	20	34	3	5	8	1	6
<i>p</i> Harvard U	s	—	6	4	54	18	11	9	0	9
<i>p</i> MA-U of, Amherst	s	1306	15	8	24	10	4	7	0	4
Mount Holyoke Coll	s	203	4	5						
Smith Coll	s	136	4	4						
<i>p</i> Tufts U	c	455	1	0	0	0	0	0	0	0
Wellesley Coll	s	141	3	4						
Williams Coll	s	92	5	4						
<b>MICHIGAN</b>										
<i>p</i> Michigan State U	c	1219	15	16	12	0	2	9	0	3
<i>p</i> Michigan-U of	s	2687	7	15	27	4	7	7	0	2

INSTITUTION	DEPT TYPE	2011-12 FIRST-TERM INTRODUCTORY ASTRO COURSE ENROLLMENTS	FALL 2012 UNDERGRADUATE MAJORS		FALL 2012 GRADUATE STUDENTS			2011-12 ASTRONOMY DEGREES		
			JR	SR	TOTAL	FOREIGN	FIRST YEAR	BACHELOR'S	EXITING MASTER'S	PHDS
<b>MINNESOTA</b>										
Minnesota St U-Mankato	c	672	1	1				0		
p Minnesota-U of	s	1245	5	35	19	4	7	7	2	2
<b>NEW HAMPSHIRE</b>										
Dartmouth Coll	c	373	2	0				2		
<b>NEW JERSEY</b>										
p Princeton U	s	341	4	6	25	16	4	5	0	6
p Princeton U-Forrestal Campus	s	GRADUATE ONLY			43	14	7		0	6
<b>NEW MEXICO</b>										
p New Mexico State U	s	1127	GRADUATE ONLY		31	2	5		2	3
<b>NEW YORK</b>										
Barnard Coll	c	111	1	0				1		
Colgate U	c	107	5	4				1		
p Columbia U	s	394	7	6	29	7	6	7	1	4
p Cornell U	s	720	1	3	27	10	11	2	4	1
Rochester-U of	c	185	4	9				6		
SUNY Coll at New Paltz	c	372	0	0				0		
SUNY-Stony Brook	c	613	12	19				4		
Union Coll	c	65	0	0				0		
Vassar Coll	c	DATA NOT PROVIDED								
<b>OHIO</b>										
p Case Western Reserve U	s	129	5	2	6	2	3	4	0	0
p Ohio State U	s	1250	8	7	24	6	4	7	1	2
Ohio Wesleyan U	c	81	1	0				1		
Toledo-U of	c	—	2	1				4		
Youngstown State U	c	934	2	1				0		
<b>OKLAHOMA</b>										
Oklahoma-U of	c	216	3	8				2		
<b>PENNSYLVANIA</b>										
Haverford Coll	c	91	5	2				8		
Lycoming Coll	c	172	2	2				4		
p Pennsylvania St U	s	3835	8	16	38	10	7	9	0	1
p Pittsburgh-U of	c	1216	9	11	*	*	*	9	0	0
Swarthmore Coll	c	68	0	1				1		
Villanova U	s	258	4	7				5		
<b>SOUTH CAROLINA</b>										
Charleston-Coll of	c	305	10	8				5		
<b>TEXAS</b>										
p Rice U	c	122	1	7	2	1	0	2	1	0
p Texas-U of, Austin	s	2003	14	40	38	9	3	20	0	5
<b>VERMONT</b>										
Marlboro Coll	c	DATA NOT PROVIDED								
<b>VIRGINIA</b>										
George Mason U	c	1208	6	5				0		
p Virginia-U of	s	1549	10	10	32	11	7	7	1	6
<b>WASHINGTON</b>										
p Washington-U of	s	1958	29	43	29	2	5	18	0	7
Whitman Coll	s	158	3	5				4		
<b>WISCONSIN</b>										
p Wisconsin-U of, Madison	s	1277	11	9	25	3	4	18	0	3
<b>WYOMING</b>										
Wyoming-U of	c	297	9	6				2		

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