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Roster of Astronomy Departments with Enrollment and Degree Data, 2016

Results from the 2016 Survey of Enrollments and Degrees

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The number of both astronomy bachelor's degrees and PhDs awarded in the class of 2016 represent all-time highs. Astronomy bachelors have been increasing steadily for the last 15 years, with 469 degrees awarded in the class of 2016. With undergraduate astronomy enrollments continuing to grow, the trend is expected to continue for at least the next couple of years. The 41 PhD-granting astronomy departments conferred 170 astronomy PhDs in the class of 2016. There were 250 first-year students enrolling in US astronomy graduate programs in the fall of 2016.

Total Astronomy Degrees Academic Year 2015-2016	
Bachelors	469
Exiting Masters	22
PhDs	170

Total Astronomy Enrollments Fall 2016	
Juniors	721
Seniors	944
1st Year Grad	250
Total Grad	1,154

Number of Departments by Highest Degree Offered Academic Year 2015-2016	
Bachelors	37
Masters	3
PhD	41
Total Departments	81

This roster contains detailed data from the annual Survey of Enrollments and Degrees. The survey was conducted in the fall of 2016 and includes all degree-granting astronomy departments in the United States.

All but 2 of the 81 degree-granting astronomy departments contributed to the data supplied in this year's roster (98%). Thirty-nine are stand-alone astronomy departments and the remaining 42 are combined physics and astronomy departments. The totals above include data from the 79 responding departments as well as estimated data for the 2 non-responding departments.

Trend in astronomy enrollments and degrees, academic years 2005 to 2017.							
Academic Year	Number of astronomy degrees			Undergraduate astronomy major enrollments		Graduate astronomy student enrollments	
	Bachelors	Exiting Masters	PhDs	Juniors	Seniors	1 st -year	Total
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	386	35	155	484	694	233	1,134
2013-14	428	28	147	530	711	183	1,118
2014-15	459	22	130	561	780	187	1,108
2015-16	469	22	170	604	782	198	1,137
2016-17				721	944	250	1,154

Notations used in this roster:

- m* Masters is the department's highest astronomy degree (N=3).
- p* PhD is the department's highest astronomy degree (N=41).
- s* The astronomy department is administered separately from the physics department (N=39).
- c* This is a combined department, offering degrees in both astronomy and physics (N=42). Data concerning the physics portion of their program can be found in the "Roster of Physics Departments, 2016".
- GRADUATE ONLY Department has no undergraduate program in astronomy (N=10).
- FIRST YEAR This column includes graduate students who were new to the department in the fall of 2016 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	2015-16	FALL 2016		FALL 2016			2015-16		
		FIRST-TERM ASTRO COURSE ENROLLMENTS	UNDERGRADUATE MAJORS	SR	GRADUATE STUDENTS	FOREIGN	FIRST YEAR	ASTRONOMY DEGREES	EXITING	
			JR		TOTAL			BACHELORS	MASTERS	PHDS
ARIZONA										
p Arizona State U (Astrophys)	s	2754	21	30	30	9	4	9	2	1
p Arizona-U of	s	1375	41	27	40	13	6	4	0	6
p Arizona-U of (Planetary)	s	GRADUATE ONLY			30	8	6		1	5
Embry-Riddle Aeronautical U	c	24	3	2				0		
Northern Arizona U	c	499	27	20				16		
CALIFORNIA										
p CA Inst of Tech	s	0	6	3	33	—	8	5	0	4
p CA-U of, Berkeley	s	1376	4	53	31	5	6	34	0	2
p CA-U of, Los Angeles	c	1599	25	37	34	7	7	14	0	4
p CA-U of, Santa Cruz	s	1276	GRADUATE ONLY		33	8	14		1	9
m San Diego State U	s	824	7	11	12	1	7	3	2	
Southern CA-U of (USC)	c	535	3	1				1		
COLORADO										
p CO-U of, Boulder	s	1000	77	111	57	—	14	43	0	6
CONNECTICUT										
m Wesleyan U	s	172	5	6	4	2	2	2	0	
p Yale U	s	487	10	4	24	6	6	5	1	4
FLORIDA										
Embry-Riddle Aeronautical U	c	37	2	3				1		
p Florida Inst of Tech	c	61	14	18	22	4	8	13	3	2
p Florida-U of	s	0	9	19	34	18	3	8	1	1
GEORGIA										
Agnes Scott Coll	c	53	3	1				2		
p Georgia State U	c	997	GRADUATE ONLY		28	7	7		0	5
Valdosta State U	c	346	3	3				4		
HAWAII										
Hawaii-U of, Hilo	c	163	9	9				9		
p Hawaii-U of, at Manoa	s	379	5	2	39	9	5	0	0	3
ILLINOIS										
p Chicago-U of	s	GRADUATE ONLY			31	12	7		0	4
p Illinois-U of, Urbana	s	2980	25	21	25	13	3	12	0	3
INDIANA										
p Indiana U-Bloomington	s	1979	7	5	20	2	4	2	0	2
IOWA										
Drake U	c	485	2	0				1		
p Iowa State U	c	431	GRADUATE ONLY		9	0	9		0	2
m Iowa-U of	c	664	4	3	1	0	1	5	0	
KANSAS										
Benedictine Coll	c	DATA NOT PROVIDED								
Kansas-U of	c	203	5	4				2		
MARYLAND										
p Johns Hopkins U	c	6	GRADUATE ONLY		45	14	9		0	11
p MD-U of, College Park	s	49	21	38	35	11	6	11	0	5
MASSACHUSETTS										
p Boston U	s	703	11	12	31	6	6	9	2	4
p Harvard U	s	76	10	10	61	13	11	8	0	12
p MA-U of, Amherst	s	1123	26	24	24	11	2	15	1	2
Mount Holyoke Coll	s	158	6	3				1		
Smith Coll	s	70	5	6				2		
Tufts U	c	409	1	3				2		
Wellesley Coll	s	140	4	4				7		
Williams Coll	s	41	3	0				2		
MICHIGAN										
p Michigan State U	c	1078	22	31	16	0	4	10	0	4
p Michigan-U of	s	2233	13	29	30	5	8	12	0	4
Wayne St U	c	875	5	5				2		

INSTITUTION	DEPT TYPE	2015-16 FIRST-TERM INTRODUCTORY ASTRO COURSE ENROLLMENTS	FALL 2016 UNDERGRADUATE MAJORS		FALL 2016 GRADUATE STUDENTS			2015-16 ASTRONOMY DEGREES		
			JR	SR	TOTAL	FOREIGN	FIRST YEAR	BACHELORS	EXITING MASTERS	PHDS
MINNESOTA										
p Minnesota-U of	s	1151	7	32	21	3	2	12	2	1
NEW HAMPSHIRE										
Dartmouth Coll	c	406	1	1				2		
NEW JERSEY										
p Princeton U	s	196	9	9	25	10	8	9	0	8
p Princeton U-Forrestal Campus	s	17	GRADUATE ONLY		42	15	9		0	4
NEW MEXICO										
p New Mexico State U	s	1046	GRADUATE ONLY		28	0	5		0	3
NEW YORK										
Barnard Coll	c	124	—	1				0		
Colgate U	c	128	8	6				7		
p Columbia U	s	420	18	15	28	8	3	13	1	7
p Cornell U	s	314	3	2	25	9	—	5	—	2
Rochester-U of	c	217	9	11				1		
SUNY Coll at New Paltz	c		DATA NOT PROVIDED							
SUNY-Stony Brook	c	339	11	17				7		
Union Coll	c	93	0	0				0		
Vassar Coll	c	201	4	4				3		
OHIO										
p Case Western Reserve U	s	144	3	2	3	1	1	6	1	1
p Ohio State U	s	1781	27	35	25	4	4	7	0	3
Ohio Wesleyan U	c	96	1	2				2		
Toledo-U of	c	0	4	8				1		
Youngstown State U	c	520	2	3				1		
OKLAHOMA										
Oklahoma-U of	c	331	7	15				7		
PENNSYLVANIA										
Haverford Coll	c	90	4	8				3		
Lycoming Coll	c	20	2	3				2		
p Pennsylvania St U	s	5023	12	22	45	12	13	16	0	7
p Pittsburgh-U of	c	1097	11	10	*	*	*	3	0	0
Swarthmore Coll	c	110	7	5				1		
Villanova U	s	215	6	6				3		
SOUTH CAROLINA										
Charleston-Coll of	c	548	11	14				5		
TEXAS										
p Rice U	c	203	3	2	2	0	0	1	0	0
p Texas A&M-College Station	c	1428	GRADUATE ONLY		5	1	5		0	0
p Texas Christian U	c	963	GRADUATE ONLY		6	1	2		0	0
p Texas-U of, at Austin	s	2298	22	63	35	8	7	18	0	8
VERMONT										
Marlboro Coll	c	1	0	0				1		
VIRGINIA										
George Mason U	c	1496	5	10				1		
p Virginia-U of	s	1740	15	9	29	7	6	12	2	7
WASHINGTON										
p Washington-U of	s	2415	25	38	28	3	5	18	0	8
Whitman Coll	s	80	8	6				4		
WISCONSIN										
p Wisconsin-U of, Madison	s	1041	19	15	28	2	4	16	2	6
WYOMING										
Wyoming-U of	c	104	7	4				3		

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