

Roster of Astronomy Departments with Enrollment and Degree Data, 2024

Results from the 2024 Survey of Enrollments and Degrees
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In the 2023-24 academic year, U.S. institutions awarded 982 astronomy bachelor's degrees, the highest number on record. This continues a decade-and-a-half trend of growth, representing a 200% increase since 2008-09 (see figure on page 7).

There were 201 astronomy PhDs were conferred in the 2023-24 academic, an 11% decrease from the previous year, which had marked the all-time high for astronomy PhDs in the U.S. (see figure on page 7). These totals do not include astrophysics PhDs awarded by physics departments that do not offer an explicit astronomy degree; such degrees are counted in the data presented in the Roster of Physics Departments.

Total Astronomy Degrees Academic Year 2023-2024	Total Astronomy Enrollments Fall 2024	Number of Departments by Highest Degree Offered Academic Year 2023-2024
Bachelors 982	Juniors 1,366	Bachelors 44
Exiting Masters 76	Seniors 1,737	Masters 5
PhDs 201	1st Year Grad 311	PhD 44
	Total Grad 1,556	Total Departments 93

This roster contains detailed data from the annual Survey of Enrollments and Degrees. An Excel version of this Roster is available on our website which also includes the number of full-time equivalent faculty at each department. The survey was conducted in the fall of 2024 and covers all degree-granting astronomy departments in the United States.

Of the 93 departments, 37 are stand-alone astronomy departments and the remaining 56 are combined physics and astronomy departments. All but 4 of the 93 degree-granting astronomy departments contributed to the data supplied in this year's roster (96%). The totals above and the graphics on pages 6 and 7 include data from responding departments as well as estimated data for the 4 non-responding departments.

Trend in astronomy enrollments and degrees, academic years 2014-15 to 2024-25.

Academic Year	Number of astronomy degrees			Undergraduate astronomy major enrollments		Graduate astronomy student enrollments	
	Bachelors	Exiting Masters	PhDs	Juniors	Seniors	1 st -year	Total
2014-15	459	22	130	561	780	187	1,108
2015-16	469	22	170	604	782	198	1,137
2016-17	535	37	186	721	944	250	1,154
2017-18	596	18	173	741	1,016	230	1,164
2018-19	666	28	159	850	1,052	241	1,179
2019-20	824	25	155	996	1,200	243	1,277
2020-21	892	33	171	1,033	1,361	264	1,379
2021-22	870	53	210	1,056	1,457	290	1,433
2022-23	934	42	225	1,063	1,507	317	1,489
2023-24	982	76	201	1,280	1,547	284	1,472
2024-25				1,366	1,737	311	1,556

Notations used in this roster:

<i>m</i>	Masters is the department's highest astronomy degree (N=5).
<i>p</i>	PhD is the department's highest astronomy degree (N=44).
<i>s</i>	The astronomy department is administered <u>separately</u> from the physics department (N=37).
<i>c</i>	This is a <u>combined</u> department, offering degrees in both astronomy and physics (N=56). Data concerning the physics portion of their program can be found in the "Roster of Physics Departments, 2024".
GRADUATE ONLY	Department has no undergraduate degree program in astronomy (N=13).
FIRST YEAR	This column includes graduate students who were new to the department in the fall of 2024 as well as students who entered the department in the previous winter, spring and summer.
EXITING MASTERS	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 was not provided.

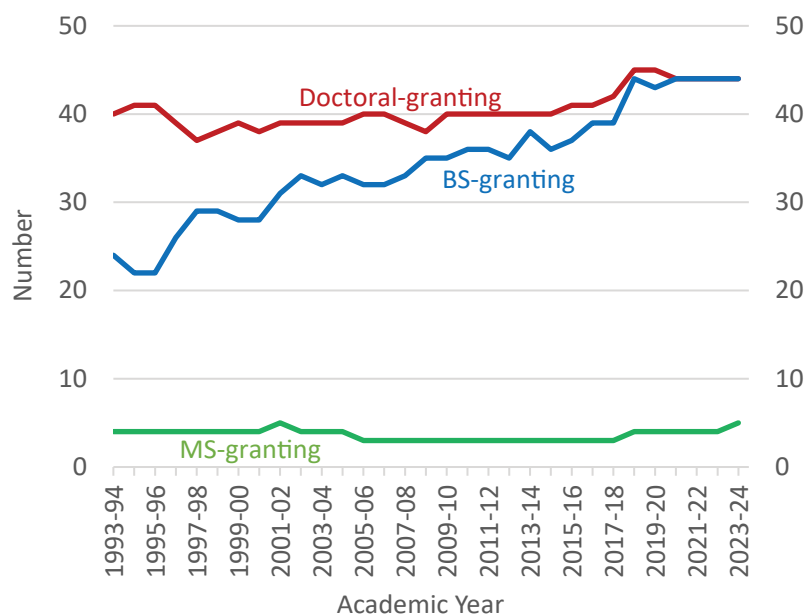
		2023-24 FIRST-TERM INTRODUCTORY ASTRO COURSE ENROLLMENTS	FALL 2024 UNDERGRADUATE MAJORS		FALL 2024 GRADUATE STUDENTS			2023-24 ASTRONOMY DEGREES			
INSTITUTION	DEPT TYPE		JR	SR	TOTAL	NON-US CITIZEN	FIRST YEAR	BACHELORS	EXITING MASTERS	PHDS	
ARIZONA											
p Arizona State U (Astrophys)	s	2460	145	170	47	7	7	46	1	6	
p Arizona-U of	s	787	68	95	47	20	9	26	0	5	
p Arizona-U of (Planetary Sci)	s	GRADUATE ONLY			54	12	12		0	4	
Embry-Riddle Aeronautical U	c	38	10	3				6			
p Northern Arizona U	s	1123	16	9	26	1	8	4	1	3	
CALIFORNIA											
p CA Inst of Tech	s	83	7	8	38	18	9	2	7	6	
p CA-U of, Berkeley	s	1299	63	69	30	5	3	47	0	8	
p CA-U of, Los Angeles	c	1446	28	42	42	4	9	26	0	6	
p CA-U of, Santa Cruz	s	344	GRADUATE ONLY		47	13	10		0	5	
m San Diego State U	s	1681	16	17	14	0	7	6	8		
m San Francisco State U	c	GRADUATE ONLY			32	5	12		13		
Southern CA-U of (USC)	c	DATA NOT PROVIDED									
COLORADO											
p CO-U of, Boulder	s	3394	105	145	70	15	9	70	1	10	
CONNECTICUT											
m Wesleyan U	s	152	8	9	6	0	2	11	2		
p Yale U	s	675	7	11	33	12	7	14	1	1	
DELAWARE											
Delaware-U of	c	—	3	3				1			
DISTRICT OF COLUMBIA											
George Washington U	c	370	2	3				0			
FLORIDA											
Embry-Riddle Aeronautical U	c	62	50	44				30			
p Florida Inst of Tech	c	—	—	—	24	—	—	22	4	1	
p Florida-U of	s	1528	32	70	36	8	6	28	1	6	
GEORGIA											
Agnes Scott Coll	c	64	2	5				0			
p Georgia State U	c	GRADUATE ONLY			34	7	7		0	1	
Valdosta State U	c	DATA NOT PROVIDED									
HAWAII											
Hawaii-U of, Hilo	c	82	4	12				7			
p Hawaii-U of, at Manoa	s	82	18	13	—	—	—	7	—	—	
ILLINOIS											
p Chicago-U of	s	223	21	20	42	12	9	26	0	7	
p Illinois-U of, Urbana/Champaign	s	1782	55	80	32	9	6	39	5	4	
INDIANA											
Ball State U	c	216	4	5				5			
p Indiana U-Bloomington	s	2145	11	6	20	5	4	4	1	2	
Valparaiso U	c	59	3	1				1			

INSTITUTION	DEPT TYPE	2023-24 FIRST-TERM INTRODUCTORY ASTRO COURSE ENROLLMENTS	FALL 2024 UNDERGRADUATE MAJORS		FALL 2024 GRADUATE STUDENTS			2023-24 ASTRONOMY DEGREES			
			JR	SR	TOTAL	NON-US CITIZEN	FIRST YEAR	BACHELORS	EXITING MASTERS	PHDS	
IOWA											
Drake U	c	180	0	1				0			
p Iowa State U	c	GRADUATE ONLY			15	4	3		1	0	
m Iowa-U of	c	802	8	14	2	0	2	7	0		
KANSAS											
Benedictine Coll	c	59	3	5				2			
Kansas-U of	c	164	10	15				7			
MARYLAND											
p Johns Hopkins U	c	GRADUATE ONLY			50	13	8		0	6	
p MD-U of, College Park	s	1420	28	56	36	6	8	17	0	12	
MASSACHUSETTS											
p Boston U	s	741	14	19	43	—	8	13	—	—	
p Harvard U	s	93	12	24	48	21	6	6	1	6	
p MA-U of, Amherst	s	797	38	25	24	7	4	14	0	3	
Mount Holyoke Coll	c	336	8	9				8			
Smith Coll	s	118	8	7				5			
Stonehill Coll	c	DATA NOT PROVIDED									
Tufts U	c	342	3	8				5			
Wellesley Coll	c	110	2	0				1			
Williams Coll	c	—	5	3				5			
MICHIGAN											
p Michigan State U	c	1216	37	33	14	2	4	44	0	4	
p Michigan-U of, Ann Arbor	s	2963	36	31	33	13	5	23	0	13	
Wayne State U	c	643	6	9				3			
MINNESOTA											
p Minnesota-U of, Twin Cities	s	1084	14	26	22	1	3	8	2	1	
NEVADA											
p Nevada-U of, Las Vegas	c	GRADUATE ONLY			28	11	10		1	2	
NEW HAMPSHIRE											
Dartmouth Coll	c	170	5	5				3			
NEW JERSEY											
p Princeton U	s	200	12	10	39	20	6	11	0	6	
p Princeton U-Forrestal Campus	s	GRADUATE ONLY			54	15	9		0	7	
NEW MEXICO											
p New Mexico State U	s	841	GRADUATE ONLY		32	5	6		3	8	
New Mexico-U of	c	937	11	21				7			
NEW YORK											
Barnard Coll	c	DATA NOT PROVIDED									
Colgate U	c	57	7	9				8			
p Columbia U	s	352	16	22	33	10	4	28	0	2	
p Cornell U	s	352	3	13	28	5	4	11	0	5	
m Rensselaer Polytech Inst	c	GRADUATE ONLY			2	0	1		2		
p Rochester Inst of Tech	c	GRADUATE ONLY			55	12	16		3	3	

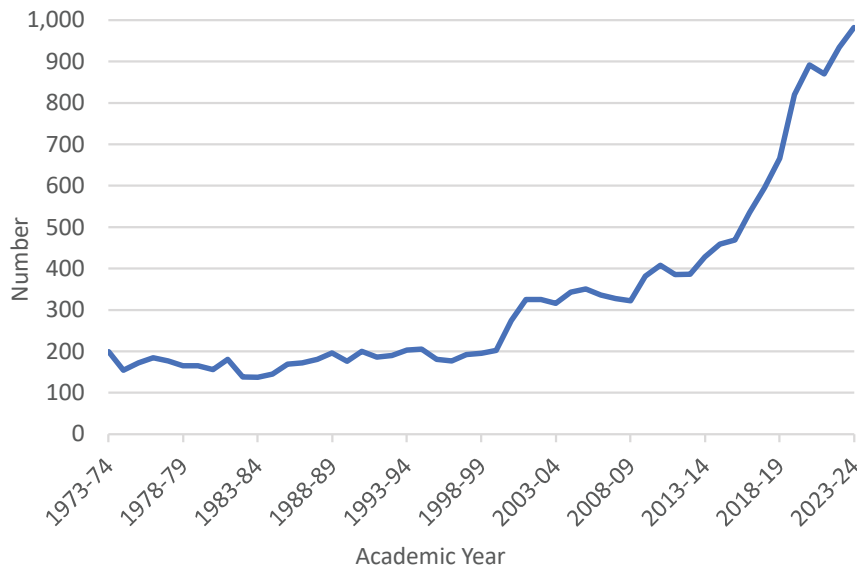
INSTITUTION	DEPT TYPE	2023-24 FIRST-TERM ASTRO COURSE ENROLLMENTS	FALL 2024 UNDERGRADUATE MAJORS		FALL 2024 GRADUATE STUDENTS			2023-24 ASTRONOMY DEGREES			
			JR	SR	TOTAL	NON-US CITIZEN	FIRST YEAR	BACHELORS	EXITING MASTERS	PHDS	
NEW YORK CONTINUED											
Rochester-U of	c	99	12	10				12			
SUNY Coll at New Paltz	c	293	9	8				10			
SUNY-Stony Brook U	c	163	25	31				12			
Union Coll	c	60	4	0				0			
Vassar Coll	c	139	8	7				2			
OHIO											
p Case Western Reserve U	s	184	2	5	1	0	0	6	0	1	
p Ohio State U	s	832	46	53	—	—	—	31	—	—	
Ohio U	c	702	8	13				5			
Ohio Wesleyan U	c	96	4	1				1			
Toledo-U of	c	627	0	0				1			
Youngstown State U	c	362	6	4				2			
OKLAHOMA											
Oklahoma-U of	c	406	19	23				6			
PENNSYLVANIA											
Franklin & Marshall Coll (Astrophys)	c	63	4	8				7			
Haverford Coll	c	30	4	6				7			
Lycoming Coll	c	75	4	7				4			
p Pennsylvania State U	s	7547	12	28	46	12	12	35	0	8	
Pittsburgh-U of	c	1000	6	15				11			
Swarthmore Coll	c	83	5	4				2			
Villanova U	s	410	8	12				8			
SOUTH CAROLINA											
Charleston-Coll of	c	595	11	17				10			
TENNESSEE											
p Vanderbilt U (Astrophys)	c	GRADUATE ONLY			25	3	5		0	2	
TEXAS											
p Rice U	c	61	11	4	4	2	*	3	1	0	
p Texas A&M-College Station	c	GRADUATE ONLY			22	5	4		0	3	
p Texas Christian U	c	592	3	6	4	0	0	4	0	1	
p Texas-U of, at Austin	s	330	34	58	49	11	13	25	10	5	
VIRGINIA											
George Mason U	c	1459	9	18				1			
p Virginia-U of	s	2059	26	28	39	13	7	22	1	7	
WASHINGTON											
p Washington-U of	s	2815	33	56	30	7	3	41	0	4	
Whitman Coll	s	75	10	13				9			
WISCONSIN											
p Wisconsin-U of, Madison	s	1527	39	39	31	5	4	30	2	3	
WYOMING											
Wyoming-U of	c	219	10	5				3			

* Rice University's first-year astronomy students are included in the physics roster.

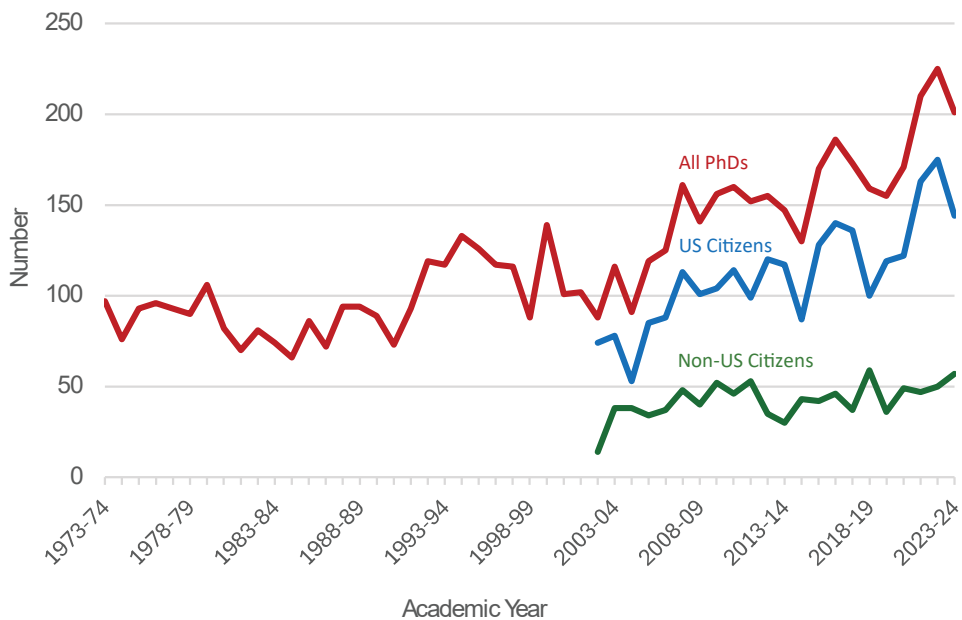
Number of Departments Offering an Astronomy Degree by Highest Astronomy Degree Offered, Academic Years 1993-94 through 2023-24



Number of Bachelor's Degrees Earned in Astronomy, Academic Years 1973-74 through 2023-24



Number of Doctorates Earned in Astronomy



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