

# DEGREES AND MAJORS

2016-17

BOARD OF  
**Regents**  ARIZONA'S PUBLIC  
UNIVERSITIES

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**ASU** Arizona State  
University

**NORTHERN  
ARIZONA**  
UNIVERSITY 

 THE UNIVERSITY  
OF ARIZONA

**EXECUTIVE SUMMARY****Item Name: 2016-17 Degrees and Majors Report**

- Action Item  
 Committee Recommendation to Full Board  
 First Read of Proposed Policy Change  
 Information or Discussion Item

**Issue:** The committee is provided with an annual report on the number of Bachelor's and Graduate (Master's and Doctoral) degrees awarded by university in 2016-17. This is presented for the committee's information and review. No action is required by the board. This was amended November 3, 2017 for corrections from Northern Arizona University.

**Enterprise Strategic Plan**

- Empower Student Success and Learning  
 Advance Educational Attainment within Arizona  
 Create New Knowledge  
 Impact Arizona  
 Compliance  
 Real property purchase/sale/lease  
 Other:

**Statutory/Policy Requirements**

ABOR Policy 2-201 Awarding of Degrees.

**Background/History of Previous Board Action**

The report documents the number of majors awarded by each university by level from 1980-81 to 2016-17. In addition, detailed data on degrees awarded by major for 2016-17 using the Classification of Instructional Program (CIP) code is provided. The report is intended to document the economic contribution of Arizona's public universities to improving the skills of the local workforce and expanding the educational attainment of the population.

**Discussion**

- In 2016-17, the Arizona university system awarded 29,298 bachelor's degrees and 11,183 graduate degrees. This is an increase of 1,826 (6.6 percent) in bachelor's degrees and an increase of 188 (1.7 percent) in graduate degrees

**Contact Information:**

Dan Anderson  
Ryan Tucker

(602) 229-2544  
(602) 229-2520

[Dan.Anderson@azregents.edu](mailto:Dan.Anderson@azregents.edu)  
[Ryan.Tucker@azregents.edu](mailto:Ryan.Tucker@azregents.edu)

**EXECUTIVE SUMMARY**

compared to the prior academic year.

- Compared to ten years ago, the universities have increased the number of bachelor degrees awarded by 10,640 (57.0 percent) and the number of graduate degrees by 3,628 (48.0 percent).
- In 2016-17, Arizona State University awarded the largest number of bachelor's degrees at 16,450 (56.1 percent), followed by the University of Arizona at 6,947 (23.7 percent), and Northern Arizona University at 5,901 (20.1 percent).
- For graduate degrees awarded in 2016-17, Arizona State University conferred 6,884 (61.6 percent), Northern Arizona University conferred 1,366 (12.2 percent), and the University of Arizona conferred 2,933 (26.2 percent).
- In the 2016-17 academic year, Arizona's universities awarded a total of 40,481 degrees, with 23,334 (57.6 percent) being awarded by Arizona State University, 7,267 (18.0 percent) being awarded by Northern Arizona University, and 9,880 (24.4 percent) being awarded by the University of Arizona.
- From 2007-08 to 2016-17, the number of undergraduate majors increased from 19,894 to 29,526. The greatest increases were:

<b>Undergraduate Majors</b>	<b>2007-08</b>	<b>2016-17</b>	<b>Change</b>
Business, Management & Marketing	3,381	5,422	2,041
Health Professions & Related Clinical Services	926	2,239	1,313
Engineering	1,027	2,238	1,211
Biological & Biomedical Sciences	1,130	2,078	948
Social Sciences	1,620	2,287	667

The largest declines in undergraduate majors from 2007-08 to 2016-17 were recorded in Education (down 634), Foreign Languages (down 82), Architecture (down 69) and History (down 66).

**EXECUTIVE SUMMARY**

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- From 2007-08 to 2016-17, the number of graduate majors increased from 7,767 in 2007-08 to 11,173 in 2016-17. The greatest increases were:

<b>Graduate Majors</b>	<b>2007-08</b>	<b>2016-17</b>	<b>Change</b>
Health Professions & Related Clinical Sciences	551	1,396	845
Engineering	553	1,257	704
Business, Management, Marketing & Related Support	1,155	1,704	549
Security and Protective Services	39	409	370
Computer & Information Sciences	175	439	264

The largest declines in graduate majors from 2007-08 to 2016-17 were in Education (down 209), Library Science (down 109), Physical Sciences (down 29) and Agriculture and Related Sciences (down 20).

**Arizona University System – Ten Largest Majors Awarded in 2016-17**

	Bachelor	Masters	Doctoral	Total
Business/Management/Marketing	5,422	1,663	41	7,126
Education	1,479	2,065	111	3,655
Health Professions & Related	2,239	803	593	3,635
Engineering	2,238	1,079	178	3,495
Social Sciences	2,287	378	76	2,741
Biological/Biomedical Sciences	2,078	158	92	2,328
Communication, Journalism	1,769	78	14	1,842
Psychology	1,584	107	104	1,861
Visual & Performing Arts	1,200	213	64	1,477
Multi/Interdisciplinary Studies	1,328	93	13	1,434

**Arizona State University – Ten Largest Majors in 2016-17**

	Bachelor	Masters	Doctoral	Total
Business/Management/Marketing	3,211	1,222	29	4,462
Engineering	1,406	938	134	2,478
Education	621	1,212	54	1,887
Social Sciences	1,229	187	35	1,451
Communication, Journalism	1,168	56	10	1,234
Health Professions & Related	882	161	87	1,130
Biological/Biomedical Sciences	990	71	36	1,097
Security & Protective Services	631	409		1,040
Psychology	886	62	70	1,018
Visual & Performing Arts	743	144	43	930

**Northern Arizona University – Ten Largest Majors Awarded in 2016-17**

	Bachelor	Masters	Doctoral	Total
Business/Management/Marketing	1,190	118		1,308
Education	558	644	17	1,219
Health Professions & Related	775	158	109	1,042
Liberal Arts and Sciences	628			628
Social Sciences	510	63	5	578
Biological/Biomedical Sciences	373	21	6	400
Engineering	330	19		349
Psychology	275	20	4	299
Communication, Journalism	272	13		285
Visual & Performing Arts	195	13		208

**University of Arizona – Ten Largest Majors Awarded in 2016-17**

	Bachelor	Masters	Doctoral	Total
Health Professions & Related	582	484	397	1,463
Business/Management/Marketing	1,021	323	12	1,356
Biological/Biomedical Sciences	715	66	50	831
Social Sciences	548	128	36	712
Engineering	502	122	44	668
Education	300	209	40	549
Multi/Interdisciplinary Studies	521	5	2	528
Psychology	415	21	31	467
Computer & Information Science	233	138	2	373
Communication, Journalism	329	9	4	342

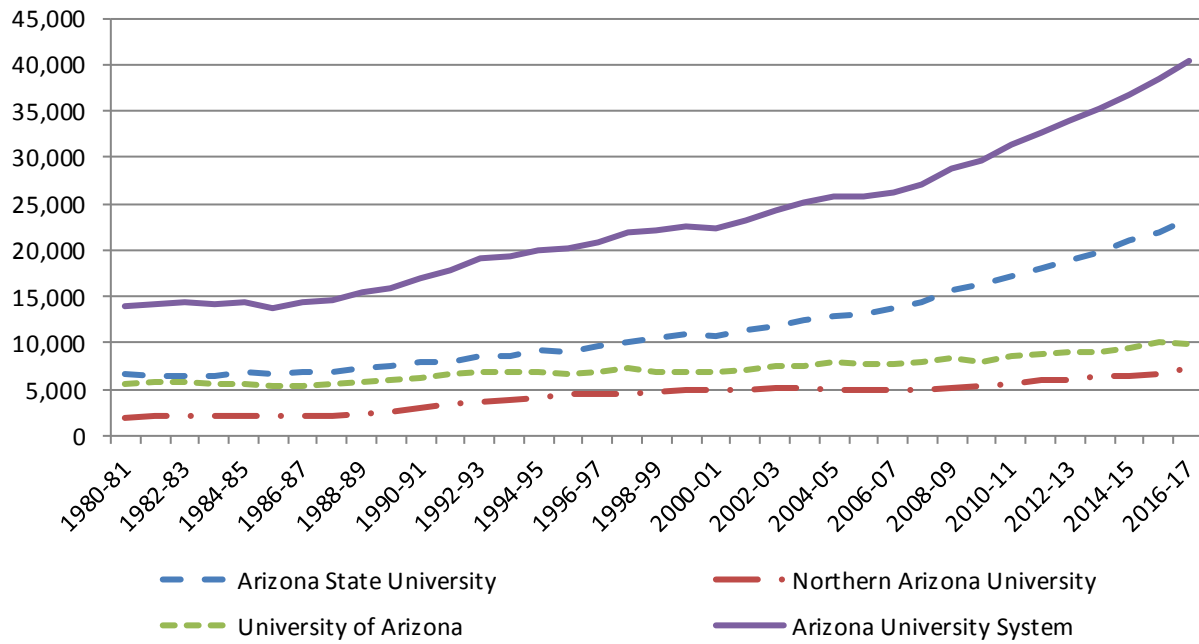
**EXECUTIVE SUMMARY**

**Degrees Awarded in the Arizona University System**

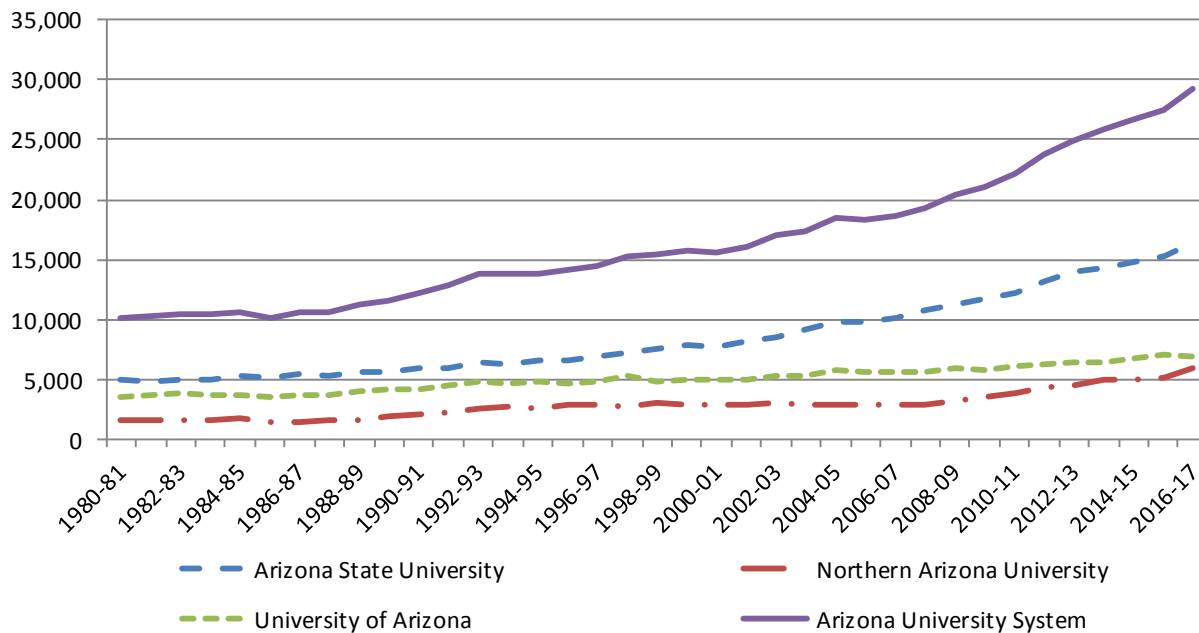
Academic Year	Arizona University System			Arizona State University			Northern Arizona University			University of Arizona		
	Undergraduate	Graduate	Total	Undergraduate	Graduate	Total	Undergraduate	Graduate	Total	Undergraduate	Graduate	Total
1980-81	10,134	3,830	13,964	5,032	1,495	6,527	1,551	439	1,990	3,551	1,896	5,447
1981-82	10,325	3,839	14,164	4,894	1,487	6,381	1,681	439	2,120	3,750	1,913	5,663
1982-83	10,507	3,886	14,393	4,935	1,468	6,403	1,684	484	2,168	3,888	1,934	5,822
1983-84	10,409	3,697	14,106	4,985	1,449	6,434	1,656	463	2,119	3,768	1,785	5,553
1984-85	10,678	3,737	14,415	5,250	1,499	6,749	1,708	475	2,183	3,720	1,763	5,483
1985-86	10,168	3,661	13,829	5,151	1,438	6,589	1,536	480	2,016	3,481	1,743	5,224
1986-87	10,618	3,679	14,297	5,445	1,413	6,858	1,521	548	2,069	3,652	1,718	5,370
1987-88	10,620	3,971	14,591	5,360	1,577	6,937	1,600	533	2,133	3,660	1,861	5,521
1988-89	11,255	4,156	15,411	5,579	1,760	7,339	1,657	622	2,279	4,019	1,774	5,793
1989-90	11,582	4,399	15,981	5,558	1,879	7,437	1,906	702	2,608	4,118	1,818	5,936
1990-91	12,244	4,731	16,975	5,912	2,027	7,939	2,106	820	2,926	4,226	1,884	6,110
1991-92	12,921	4,823	17,744	6,012	1,892	7,904	2,322	1,005	3,327	4,587	1,926	6,513
1992-93	13,871	5,181	19,052	6,431	2,207	8,638	2,592	1,036	3,628	4,848	1,938	6,786
1993-94	13,749	5,635	19,384	6,307	2,325	8,632	2,693	1,203	3,896	4,749	2,107	6,856
1994-95	13,880	6,089	19,969	6,519	2,587	9,106	2,554	1,457	4,011	4,807	2,045	6,852
1995-96	14,062	6,082	20,144	6,545	2,520	9,065	2,905	1,476	4,381	4,612	2,086	6,698
1996-97	14,489	6,340	20,829	6,880	2,676	9,556	2,832	1,554	4,386	4,777	2,110	6,887
1997-98	15,335	6,532	21,867	7,312	2,781	10,093	2,751	1,744	4,495	5,272	2,007	7,279
1998-99	15,402	6,672	22,074	7,507	2,938	10,445	3,041	1,737	4,778	4,854	1,997	6,851
1999-00	15,811	6,814	22,625	7,940	2,923	10,863	2,939	1,917	4,856	4,932	1,974	6,906
2000-01	15,531	6,761	22,292	7,742	2,870	10,612	2,867	1,947	4,814	4,922	1,944	6,866
2001-02	16,005	7,093	23,098	8,190	3,088	11,278	2,834	2,039	4,873	4,981	1,966	6,947
2002-03	16,977	7,280	24,257	8,566	3,237	11,803	3,059	2,009	5,068	5,352	2,034	7,386
2003-04	17,358	7,723	25,081	9,116	3,410	12,526	2,939	2,125	5,064	5,303	2,188	7,491
2004-05	18,420	7,277	25,697	9,729	3,092	12,821	2,942	2,008	4,950	5,749	2,177	7,926
2005-06	18,396	7,358	25,754	9,855	3,200	13,055	2,928	2,014	4,942	5,613	2,144	7,757
2006-07	18,658	7,555	26,213	10,137	3,492	13,629	2,953	1,849	4,802	5,568	2,214	7,782
2007-08	19,281	7,783	27,064	10,706	3,738	14,444	2,963	1,850	4,813	5,612	2,195	7,807
2008-09	20,346	8,529	28,875	11,229	4,381	15,610	3,203	1,822	5,025	5,914	2,326	8,240
2009-10	21,110	8,521	29,631	11,810	4,570	16,380	3,473	1,790	5,263	5,827	2,161	7,988
2010-11	22,212	9,080	31,292	12,194	4,896	17,090	3,825	1,802	5,627	6,193	2,382	8,575
2011-12	23,842	8,914	32,756	13,210	4,835	18,045	4,281	1,655	5,936	6,351	2,424	8,775
2012-13	24,920	9,048	33,968	13,913	5,003	18,916	4,513	1,524	6,037	6,494	2,521	9,015
2013-14	25,785	9,417	35,202	14,381	5,380	19,761	5,034	1,461	6,495	6,370	2,576	8,946
2014-15	26,634	10,222	36,856	14,842	6,178	21,020	5,047	1,349	6,396	6,745	2,695	9,440
2015-16	27,472	10,995	38,467	15,264	6,689	21,953	5,119	1,422	6,541	7,089	2,884	9,973
2016-17	29,298	11,183	40,481	16,450	6,884	23,334	5,901	1,366	7,267	6,947	2,933	9,880

**EXECUTIVE SUMMARY**

**Degrees Awarded 1980-81 through 2016-17**



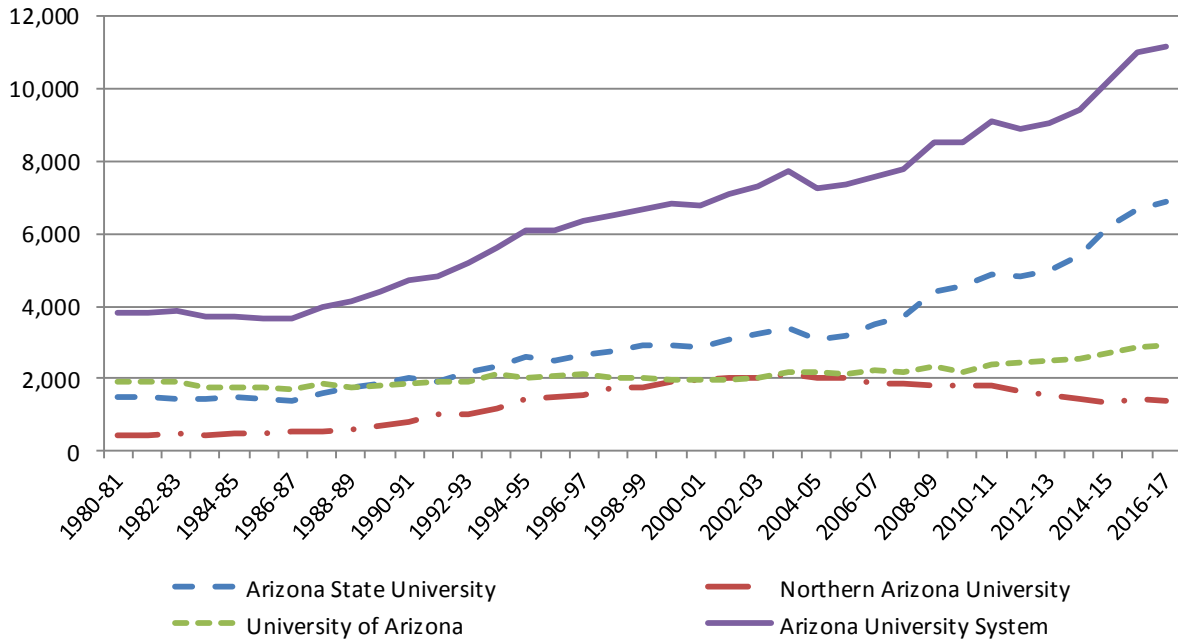
**Undergraduate Degrees Awarded 1980-81 through 2016-17**





**EXECUTIVE SUMMARY**

**Graduate Degrees Awarded from 1980-81 through 2016-17**



**EXECUTIVE SUMMARY****Arizona University System Majors Awarded in 2016-17**

CIP Code Description	Bachelor Majors Awarded	Master Majors Awarded	Doctoral - Professional Practice	Doctoral - Research / Scholarship
Agriculture, and Related Sciences	131	42		2
Natural Resources and Conservation	318	125		19
Architecture and Related Services	284	158		2
Area, Ethnic, Cultural, and Gender Studies	118	37		19
Communication, Journalism, and Related Programs	1,769	78		14
Communications Technologies/Technicians & Support	88			
Computer and Information Sciences & Support Services	807	410		29
Personal and Culinary Services				
Education	1,479	2,065		111
Engineering	2,238	1,079		178
Engineering Technologies/Technicians	99	90		
Foreign Languages, Literatures, and Linguistics	333	47		33
Family and Consumer Sciences/Human Sciences	684	185		5
Legal Professions and Studies	182	150	329	10
English Language and Literatures/Letters	595	118		20
Liberal Arts and Sciences, General Studies & Humanities	911	67		
Library Science		44		
Biological and Biomedical Sciences	2,078	158		92
Mathematics and Statistics	272	54		33
ROTC				
Military Technologies				
Multi/Interdisciplinary Studies	1,328	93		13
Parks, Recreation, Leisure and Fitness Studies	628	9		9
Philosophy and Religious Studies	171	20		4
Theology and Religious Vocations				
Physical Sciences	401	118		124
Science Technologies and Technicians	258			
Psychology	1,576	103		105
Security and Protective Services	768	409		
Public Administration and Social Service Professions	496	430		17
Social Sciences	2,287	378		76
Construction Trades				
Mechanic and Repair Technologies/Technicians				
Precision Production				
Transportation and Materials Moving	59			
Visual and Performing Arts	1,200	213		64
Health Professions and Related Clinical Sciences	2,239	803	385	208
Business, Management, Marketing, and Related Support	5,422	1,663		41
History	307	68		17
<b>TOTAL</b>	<b>29,526</b>	<b>9,214</b>	<b>714</b>	<b>1,245</b>

**Arizona State University Majors Awarded in 2016-17**

CIP Code Description	Bachelor Majors Awarded	Master Majors Awarded	Doctoral - Professional Practice	Doctoral - Research / Scholarship
Agriculture, and Related Sciences	2	17		
Natural Resources and Conservation	82	63		5
Architecture and Related Services	157	102		2
Area, Ethnic, Cultural, and Gender Studies	49	13		4
Communication, Journalism, and Related Programs	1,168	56		10
Communications Technologies/Technicians & Support	88			
Computer and Information Sciences & Support Services	513	271		27
Personal and Culinary Services				
Education	621	1,212		54
Engineering	1,406	938		134
Engineering Technologies/Technicians	72	77		
Foreign Languages, Literatures, and Linguistics	105	9		15
Family and Consumer Sciences/Human Sciences	558	184		
Legal Professions and Studies	133	119	199	5
English Language and Literatures/Letters	390	38		14
Liberal Arts and Sciences, General Studies & Humanities	282	67		
Library Science				
Biological and Biomedical Sciences	990	71		36
Mathematics and Statistics	156	26		16
ROTC				
Military Technologies				
Multi/Interdisciplinary Studies	747	80		11
Parks, Recreation, Leisure and Fitness Studies	437	9		9
Philosophy and Religious Studies	90	11		1
Theology and Religious Vocations				
Physical Sciences	146	12		43
Science Technologies and Technicians	115			
Psychology	886	62		70
Security and Protective Services	631	409		
Public Administration and Social Service Professions	331	393		17
Social Sciences	1,229	187		35
Construction Trades				
Mechanic and Repair Technologies/Technicians				
Precision Production				
Transportation and Materials Moving	59			
Visual and Performing Arts	743	144		43
Health Professions and Related Clinical Sciences	882	161		87
Business, Management, Marketing, and Related Support	3,211	1,222		29
History	205	55		10
<b>TOTAL</b>	<b>16,484</b>	<b>6,008</b>	<b>199</b>	<b>677</b>

**EXECUTIVE SUMMARY****Northern Arizona University Majors Awarded in 2016-17**

CIP Code Description	Bachelor Majors Awarded	Master Majors Awarded	Doctoral - Professional Practice	Doctoral - Research / Scholarship
Agriculture, and Related Sciences				
Natural Resources and Conservation	138	29		1
Architecture and Related Services				
Area, Ethnic, Cultural, and Gender Studies	13			
Communication, Journalism, and Related Programs	272	13		
Communications Technologies/Technicians & Support				
Computer and Information Sciences & Support Services	61	1		
Personal and Culinary Services				
Education	558	644		17
Engineering	330	19		
Engineering Technologies/Technicians				
Foreign Languages, Literatures, and Linguistics	58			5
Family and Consumer Sciences/Human Sciences				
Legal Professions and Studies	7			
English Language and Literatures/Letters	67	63		
Liberal Arts and Sciences, General Studies & Humanities	628			
Library Science				
Biological and Biomedical Sciences	373	21		6
Mathematics and Statistics	33	14		
ROTC				
Military Technologies				
Multi/Interdisciplinary Studies	60	8		
Parks, Recreation, Leisure and Fitness Studies	191			
Philosophy and Religious Studies	15			
Theology and Religious Vocations				
Physical Sciences	112	19		
Science Technologies and Technicians	93			
Psychology	275	20		4
Security and Protective Services				
Public Administration and Social Service Professions	106	7		
Social Sciences	510	63		5
Construction Trades				
Mechanic and Repair Technologies/Technicians				
Precision Production				
Transportation and Materials Moving				
Visual and Performing Arts	195	13		
Health Professions and Related Clinical Sciences	775	158	109	
Business, Management, Marketing, and Related Support	1,190	118		
History	35	9		
<b>TOTAL</b>	<b>6,095</b>	<b>1,219</b>	<b>109</b>	<b>38</b>

**EXECUTIVE SUMMARY****University of Arizona Majors Awarded in 2016-17**

CIP Code Description	Bachelor Majors Awarded	Master Majors Awarded	Doctoral - Professional Practice	Doctoral - Research / Scholarship
Agriculture, and Related Sciences	129	25		2
Natural Resources and Conservation	98	33		13
Architecture and Related Services	127	56		
Area, Ethnic, Cultural, and Gender Studies	56	24		15
Communication, Journalism, and Related Programs	329	9		4
Communications Technologies/Technicians & Support				
Computer and Information Sciences & Support Services	233	138		2
Personal and Culinary Services				
Education	300	209		40
Engineering	502	122		44
Engineering Technologies/Technicians	27	13		
Foreign Languages, Literatures, and Linguistics	170	38		13
Family and Consumer Sciences/Human Sciences	126	1		5
Legal Professions and Studies	42	31	130	5
English Language and Literatures/Letters	138	17		6
Liberal Arts and Sciences, General Studies & Humanities	1			
Library Science		44		
Biological and Biomedical Sciences	715	66		50
Mathematics and Statistics	83	14		17
ROTC				
Military Technologies				
Multi/Interdisciplinary Studies	521	5		2
Parks, Recreation, Leisure and Fitness Studies				
Philosophy and Religious Studies	66	9		3
Theology and Religious Vocations				
Physical Sciences	143	87		81
Science Technologies and Technicians	50			
Psychology	415	21		31
Security and Protective Services	137			
Public Administration and Social Service Professions	59	30		
Social Sciences	548	128		36
Construction Trades				
Mechanic and Repair Technologies/Technicians				
Precision Production				
Transportation and Materials Moving				
Visual and Performing Arts	262	56		21
Health Professions and Related Clinical Sciences	582	484	276	121
Business, Management, Marketing, and Related Support	1,021	323		12
History	67	4		7
<b>TOTAL</b>	<b>6,947</b>	<b>1,987</b>	<b>406</b>	<b>530</b>

**EXECUTIVE SUMMARY**

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**Requested Action**

This updated 2016-17 Degrees and Majors Report is presented for the committee's information and review. No action is required by the board.