

# 2015-16 DEGREES AND MAJORS REPORT



EDUCATE · DISCOVER · IMPACT

**EXECUTIVE SUMMARY****Item Name: 2015-16 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 2015-16. This is presented for the committee's information and review. No action is required by the board.

**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 2015-16. In addition, detailed data on degrees awarded by major for 2015-16 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 2015-16, the Arizona university system awarded 27,472 bachelor's degrees and 10,995 graduate degrees. This is an increase of 838 (3.1 percent) in bachelor's degrees and an increase of 773 (7.6 percent) in graduate degrees compared to the prior academic year.

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**EXECUTIVE SUMMARY**

- Compared to ten years ago, the universities have increased the number of bachelor degrees awarded by 9,076 (49.3 percent) and the number of graduate degrees by 3,637 (49.4 percent).
- In 2015-16, Arizona State University awarded the largest number of bachelor's degrees at 15,264 (55.6 percent), followed by the University of Arizona at 7,089 (25.8 percent), and Northern Arizona University at 5,119 (18.6 percent).
- For graduate degrees awarded in 2015-16, Arizona State University conferred 6,689 (60.8 percent), Northern Arizona University conferred 1,422 (12.9 percent), and the University of Arizona conferred 2,884 (26.4 percent).
- In the 2015-16 academic year, Arizona's universities awarded a total of 38,467 degrees, with 21,953 (57.1 percent) being awarded by Arizona State University, 6,541 (17.0 percent) being awarded by Northern Arizona University, and 9,973 (25.9 percent) being awarded by the University of Arizona.
- From 2007-08 to 2015-16, the number of undergraduate majors increased from 19,894 to 28,070. The greatest increases were:

<b>Undergraduate Majors</b>	<b>2007-08</b>	<b>2015-16</b>	<b>Change</b>
Business, Management & Marketing	3,381	4,753	1,372
Health Professions & Related Clinical Services	926	2,125	1,199
Engineering	1,027	2,059	1,032
Biological & Biomedical Sciences	1,130	2,126	996
Social Sciences	1,620	2,243	623

The largest declines in undergraduate majors from 2007-08 to 2015-16 were recorded in Education (down 587), History (down 97) and Architecture (down 31).

**EXECUTIVE SUMMARY**

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- From 2007-08 to 2015-16, the number of graduate majors increased from 7,767 in 2007-08 to 10,995 in 2015-16. The greatest increases were:

<b>Graduate Majors</b>	<b>2007-08</b>	<b>2015-16</b>	<b>Change</b>
Engineering	553	1,310	757
Health Professions & Related Clinical Sciences	551	1,251	700
Business, Management, Marketing & Related Support	1,155	1,843	688
Computer & Information Sciences	155	473	298
Security and Protective Services	39	237	198

The largest declines in graduate majors from 2007-08 to 2015-16 were in Education (down 246), Agriculture and Related Sciences (down 27) and Area, Ethnic, Cultural and Gender Studies (down 16).

**Arizona University System – Ten Largest Majors Awarded in 2015-16**

	Bachelor	Masters	Doctoral	Total
Business/Management/Marketing	4,753	1,797	46	6,596
Education	1,526	2,014	125	3,665
Health Professions & Related	2,125	761	490	3,376
Engineering	2,059	1,118	192	3,369
Social Sciences	2,243	240	79	2,562
Biological/Biomedical Sciences	2,126	151	88	2,365
Communication, Journalism	1,690	130	22	1,842
Psychology	1,584	107	104	1,795
Visual & Performing Arts	1,210	218	60	1,488
Multi/Interdisciplinary Studies	1,244	77	7	1,328

**Arizona State University – Ten Largest Majors in 2015-16**

	Bachelor	Masters	Doctoral	Total
Business/Management/Marketing	2,617	1,357	34	4,008
Engineering	1,317	954	130	2,401
Education	709	1,176	48	1,933
Communication, Journalism	1,125	105	20	1,250
Social Sciences	1,152	62	34	1,248
Health Professions & Related	913	155	70	1,138
Biological/Biomedical Sciences	984	76	36	1,096
Visual and Performing Arts	796	161	38	995
Psychology	825	38	76	939
Security & Protective Services	578	237		815

**Northern Arizona University – Ten Largest Majors Awarded in 2015-16**

	Bachelor	Masters	Doctoral	Total
Education	494	646	22	1,162
Business/Management/Marketing	982	147		1,129
Health Professions & Related	685	160	80	925
Liberal Arts and Sciences	592			592
Social Sciences	431	40	4	475
Biological/Biomedical Sciences	370	18	5	393
Psychology	247	36	8	291
Communication, Journalism	255	13		268
Engineering	237	21		258
Visual & Performing Arts	156	8		164

**University of Arizona – Ten Largest Majors Awarded in 2015-16**

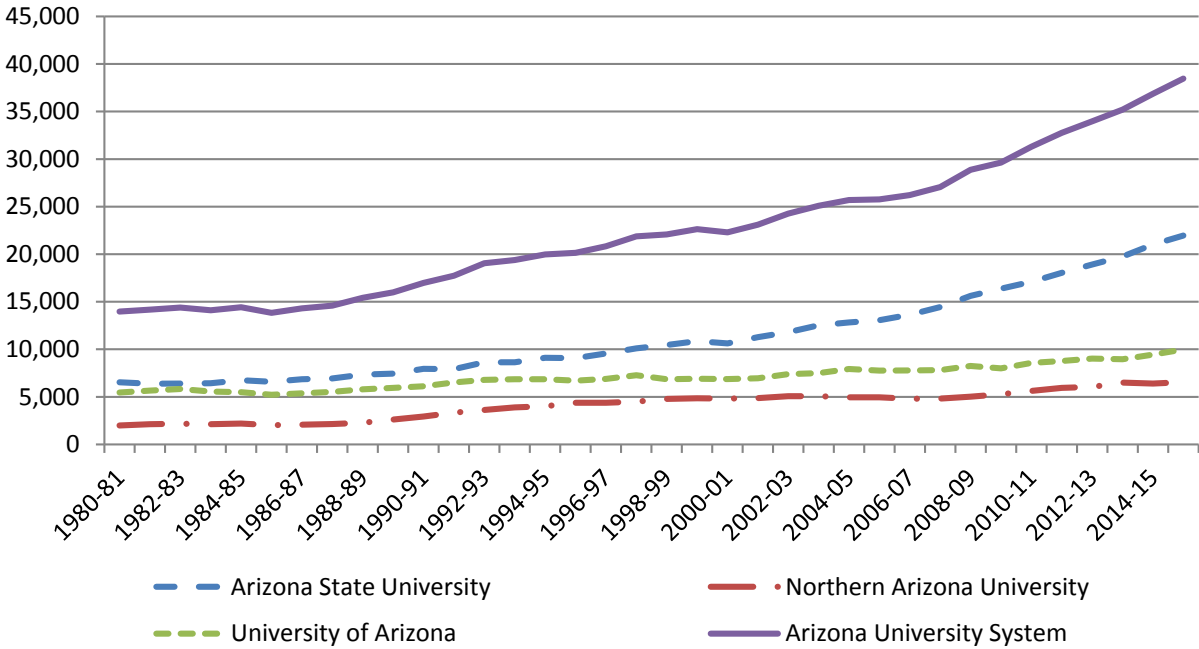
	Bachelor	Masters	Doctoral	Total
Business/Management/Marketing	1,154	293	12	1,459
Health Professions & Related	527	446	340	1,313
Biological/Biomedical Sciences	772	57	47	876
Social Sciences	660	138	41	839
Engineering	505	143	62	710
Education	323	192	55	570
Psychology	512	33	20	565
Multi/Interdisciplinary Studies	493	3	1	497
Physical Sciences	188	122	90	400
Computer & Information Science	220	139	10	369

**EXECUTIVE SUMMARY**

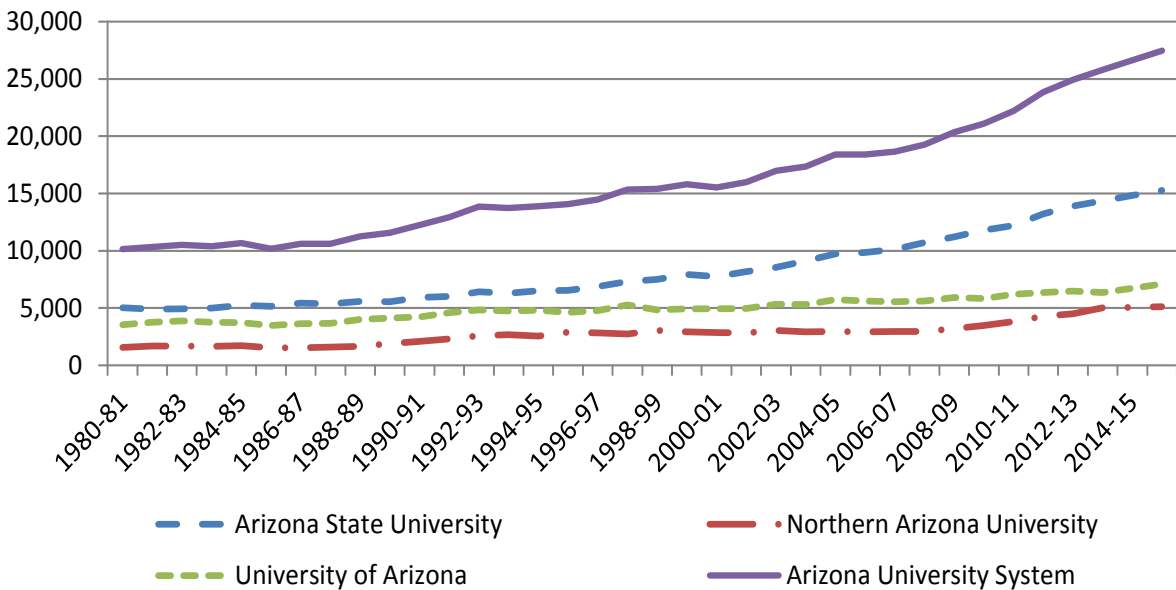
**Degrees Awarded in the Arizona University System**

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

### Degrees Awarded 1980-81 through 2015-16

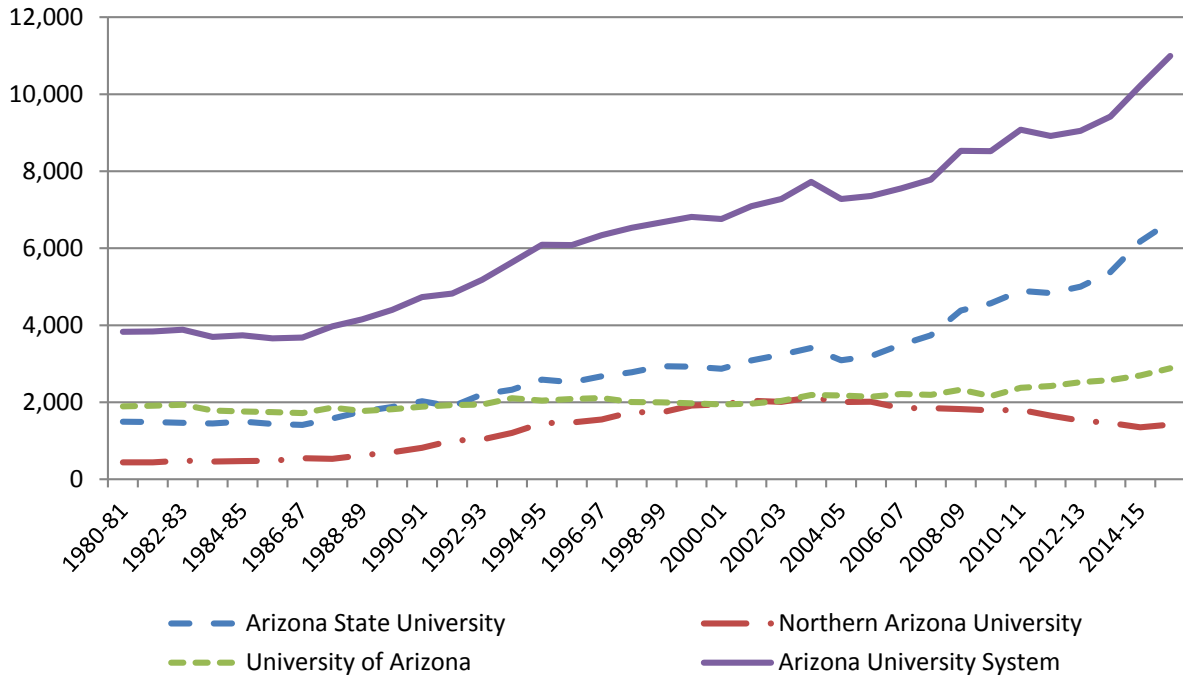


### Undergraduate Degrees Awarded from 1980-81 through 2015-16





### Graduate Degrees Awarded from 1980-81 through 2015-16



**EXECUTIVE SUMMARY****Arizona University System Majors Awarded in 2015-16**

CIP Code Description	Bachelor Majors Awarded	Master Majors Awarded	Doctoral - Professional Practice	Doctoral - Research / Scholarship
Agriculture, and Related Sciences	138	30		7
Natural Resources and Conservation	280	119		23
Architecture and Related Services	322	170		2
Area, Ethnic, Cultural, and Gender Studies	146	31		11
Communication, Journalism, and Related Programs	1,690	130		22
Communications Technologies/Technicians & Support	81			
Computer and Information Sciences & Support Services	679	440		33
Personal and Culinary Services				
Education	1,526	2,014		125
Engineering	2,059	1,118		192
Engineering Technologies/Technicians	95	80		
Foreign Languages, Literatures, and Linguistics	432	63		25
Family and Consumer Sciences/Human Sciences	682	165		9
Legal Professions and Studies	159	91	320	16
English Language and Literatures/Letters	562	152		33
Liberal Arts and Sciences, General Studies & Humanities	801	76		
Library Science		54		
Biological and Biomedical Sciences	2,126	151		88
Mathematics and Statistics	263	76		26
ROTC				
Military Technologies				
Multi/Interdisciplinary Studies	1,244	77		7
Parks, Recreation, Leisure and Fitness Studies	532	11		11
Philosophy and Religious Studies	177	14		8
Theology and Religious Vocations				
Physical Sciences	466	156		136
Science Technologies and Technicians	229			
Psychology	1,584	107		104
Security and Protective Services	682	237		
Public Administration and Social Service Professions	436	471		14
Social Sciences	2,243	240		79
Construction Trades				
Mechanic and Repair Technologies/Technicians				
Precision Production				
Transportation and Materials Moving	72			
Visual and Performing Arts	1,210	218		60
Health Professions and Related Clinical Sciences	2,125	761	341	149
Business, Management, Marketing, and Related Support	4,753	1,797		46
History	276	34		25
<b>TOTAL</b>	<b>28,070</b>	<b>9,083</b>	<b>661</b>	<b>1,251</b>

**EXECUTIVE SUMMARY****Arizona State University Majors Awarded in 2015-16**

CIP Code Description	Bachelor Majors Awarded	Master Majors Awarded	Doctoral - Professional Practice	Doctoral - Research / Scholarship
Agriculture, and Related Sciences	8	13		
Natural Resources and Conservation	79	53		10
Architecture and Related Services	186	112		2
Area, Ethnic, Cultural, and Gender Studies	49	5		2
Communication, Journalism, and Related Programs	1,125	105		20
Communications Technologies/Technicians & Support	81			
Computer and Information Sciences & Support Services	420	301		23
Personal and Culinary Services				
Education	709	1,176		48
Engineering	1,317	954		130
Engineering Technologies/Technicians	82	70		
Foreign Languages, Literatures, and Linguistics	131	16		13
Family and Consumer Sciences/Human Sciences	528	164		
Legal Professions and Studies	125	63	198	6
English Language and Literatures/Letters	345	29		22
Liberal Arts and Sciences, General Studies & Humanities	209	76		
Library Science				
Biological and Biomedical Sciences	984	76		36
Mathematics and Statistics	117	42		16
ROTC				
Military Technologies				
Multi/Interdisciplinary Studies	699	65		6
Parks, Recreation, Leisure and Fitness Studies	389	11		11
Philosophy and Religious Studies	75	10		5
Theology and Religious Vocations				
Physical Sciences	146	17		46
Science Technologies and Technicians	97			
Psychology	825	38		76
Security and Protective Services	578	237		
Public Administration and Social Service Professions	276	428		14
Social Sciences	1,152	62		34
Construction Trades				
Mechanic and Repair Technologies/Technicians				
Precision Production				
Transportation and Materials Moving	72			
Visual and Performing Arts	796	161		38
Health Professions and Related Clinical Sciences	913	155		70
Business, Management, Marketing, and Related Support	2,617	1,357		34
History	167	21		12
<b>TOTAL</b>	<b>15,297</b>	<b>5,817</b>	<b>198</b>	<b>674</b>

**EXECUTIVE SUMMARY****Northern Arizona University Majors Awarded in 2015-16**

CIP Code Description	Bachelor Majors Awarded	Master Majors Awarded	Doctoral - Professional Practice	Doctoral - Research / Scholarship
Agriculture, and Related Sciences				
Natural Resources and Conservation	106	45		6
Architecture and Related Services				
Area, Ethnic, Cultural, and Gender Studies	17			
Communication, Journalism, and Related Programs	255	13		
Communications Technologies/Technicians & Support				
Computer and Information Sciences & Support Services	39			
Personal and Culinary Services				
Education	494	646		22
Engineering	237	21		
Engineering Technologies/Technicians				
Foreign Languages, Literatures, and Linguistics	50			5
Family and Consumer Sciences/Human Sciences				
Legal Professions and Studies	12			
English Language and Literatures/Letters	66	95		
Liberal Arts and Sciences, General Studies & Humanities	592			
Library Science				
Biological and Biomedical Sciences	370	18		5
Mathematics and Statistics	26	19		
ROTC				
Military Technologies				
Multi/Interdisciplinary Studies	52	9		
Parks, Recreation, Leisure and Fitness Studies	143			
Philosophy and Religious Studies	12			
Theology and Religious Vocations				
Physical Sciences	132	17		
Science Technologies and Technicians	80			
Psychology	247	36		8
Security and Protective Services				
Public Administration and Social Service Professions	74	11		
Social Sciences	431	40		4
Construction Trades				
Mechanic and Repair Technologies/Technicians				
Precision Production				
Transportation and Materials Moving				
Visual and Performing Arts	156	8		
Health Professions and Related Clinical Sciences	685	160	80	
Business, Management, Marketing, and Related Support	982	147		
History	22	4		3
<b>TOTAL</b>	<b>5,280</b>	<b>1,289</b>	<b>80</b>	<b>53</b>

**EXECUTIVE SUMMARY****University of Arizona Majors Awarded in 2015-16**

CIP Code Description	Bachelor Majors Awarded	Master Majors Awarded	Doctoral - Professional Practice	Doctoral - Research / Scholarship
Agriculture, and Related Sciences	130	17		7
Natural Resources and Conservation	95	21		7
Architecture and Related Services	136	58		
Area, Ethnic, Cultural, and Gender Studies	80	26		9
Communication, Journalism, and Related Programs	310	12		2
Communications Technologies/Technicians & Support				
Computer and Information Sciences & Support Services	220	139		10
Personal and Culinary Services				
Education	323	192		55
Engineering	505	143		62
Engineering Technologies/Technicians	13	10		
Foreign Languages, Literatures, and Linguistics	251	47		7
Family and Consumer Sciences/Human Sciences	154	1		9
Legal Professions and Studies	22	28	122	10
English Language and Literatures/Letters	151	28		11
Liberal Arts and Sciences, General Studies & Humanities				
Library Science		54		
Biological and Biomedical Sciences	772	57		47
Mathematics and Statistics	120	15		10
ROTC				
Military Technologies				
Multi/Interdisciplinary Studies	493	3		1
Parks, Recreation, Leisure and Fitness Studies				
Philosophy and Religious Studies	90	4		3
Theology and Religious Vocations				
Physical Sciences	188	122		90
Science Technologies and Technicians	52			
Psychology	512	33		20
Security and Protective Services	104			
Public Administration and Social Service Professions	86	32		
Social Sciences	660	138		41
Construction Trades				
Mechanic and Repair Technologies/Technicians				
Precision Production				
Transportation and Materials Moving				
Visual and Performing Arts	258	49		22
Health Professions and Related Clinical Sciences	527	446	261	79
Business, Management, Marketing, and Related Support	1,154	293		12
History	87	9		10
<b>TOTAL</b>	<b>7,493</b>	<b>1,977</b>	<b>383</b>	<b>524</b>

**EXECUTIVE SUMMARY**

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**Requested Action**

This updated 2015-16 Degrees and Majors Report is presented for the committee's information and review. No action is required by the board.