



## Informational Memorandum

Degrees Conferred: 2016-17 Update

### Highlights

#### How many degrees were conferred by UW System institutions during the 2016-17 academic year?

- UW System institutions conferred 36,622 degrees at all levels.
- Most degrees conferred were Bachelor's degrees (27,459), followed by Master's degrees (5,711), and Associate degrees (1,681). Doctorate – Research/Scholarship degrees (1,053) and degrees at the Doctorate – Professional Practice (718) levels comprise the remainder.

#### What were the popular disciplines for undergraduate and graduate degrees during 2016-17?

- The top-three disciplines for undergraduate degrees were: Business (17.9%, 5,219), Health Professions (7.7%, 2,241), and Biological and Biomedical Sciences (7.6%, 2,223).
- At the graduate level, the top discipline was the field comprising Health Professions (16.3%, 1,219) followed by Business (15.9%, 1,190), and Education (13.7%, 1,027 degrees).

#### How many degrees were conferred by gender and race/ethnicity?

- Women earned 55.0% of all degrees conferred in the UW System in 2016-17. Doctorate – Research Scholarship is the only level where men continue to earn more than half (56.5%) of degrees conferred.
- Underrepresented minority students earned a record 9.9% of degrees conferred at all levels.

#### Do UW System institutions confer degrees in high-need and leading-edge fields?

- Over one-third (37.7%) of degrees conferred at the bachelor's and graduate/professional levels during 2016-17 were in Science, Technology, Engineering, and Mathematics (STEM) disciplines or Health fields.
- UW System institutions conferred a record number of degrees in STEM disciplines (9,716) and health professions (3,460) during the 2016-17 academic year.

**DEGREES CONFERRED BY INSTITUTION AND LEVEL**

In 2016-17, UW System institutions conferred 36,622 degrees (Table 1). Of these degrees, 1,681 were Associate degrees, 27,459 were Bachelor's degrees, 5,711 were Master's degrees, and 1,053 were Doctorate – Research/Scholarship degrees. Doctorate – Professional Practice degrees accounted for 718 degrees. See Appendix A for a history of degrees conferred by level and institution.

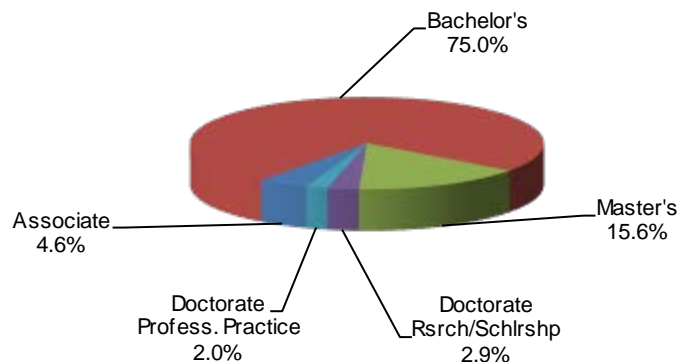
**Table 1  
University of Wisconsin System  
2016-17 Degrees Conferred by Level and Institution**

	Associate	Bachelor's	Master's	Doctorate		Total
				Rsrch/ Schlrshp	Profess. Practice	
UW-Madison		6,922	2,227	873	559	10,581
UW-Milwaukee		3,834	1,336	180	65	5,415
Subtotal		10,756	3,563	1,053	624	15,996
UW-Eau Claire	17	1,992	120		20	2,149
UW-Green Bay	12	1,238	124			1,374
UW-La Crosse	11	1,951	308		41	2,311
UW-Oshkosh		2,093	273		18	2,384
UW-Parkside		758	43			801
UW-Platteville	2	1,341	263			1,606
UW-River Falls		1,199	199			1,398
UW-Stevens Point	25	1,801	74		5	1,905
UW-Stout		1,613	282		10	1,905
UW-Superior	20	490	46			556
UW-Whitewater	118	2,199	416			2,733
Subtotal	205	16,675	2,148		94	19,122
UW Colleges	1,476	28				1,504
<b>Total</b>	<b>1,681</b>	<b>27,459</b>	<b>5,711</b>	<b>1,053</b>	<b>718</b>	<b>36,622</b>

**PROPORTION OF DEGREES CONFERRED BY LEVEL**

Bachelor's degrees composed three-quarters (75.0%) of all degrees conferred by UW System institutions in 2016-17 (Figure 1). Master's degrees accounted for 15.6 percent of all degrees conferred while Associate degrees made up 4.6 percent of degrees conferred. Doctorate – Research/Scholarship degrees made up 2.9 percent, and Doctorate – Professional Practice comprise 2.0 percent of all UW System degrees conferred.

**Figure 1  
University of Wisconsin System  
2016-17 Degrees Conferred by Degree Level**



**DEGREES CONFERRED BY DISCIPLINE AREA AND LEVEL**

Tables 2 and 3 show 2016-17 degrees by discipline category according to the U.S. Department of Education's Classification of Instructional Programs (CIP). Bachelor's degrees in Business (CIP 52) accounted for 17.9 percent of all undergraduate degrees. Health Professions (CIP 51) made up 7.7 percent of undergraduate degrees conferred, degrees in Biological and Biomedical Sciences (CIP 26) were 7.6 percent of all undergraduate degrees conferred.

**Table 2  
University of Wisconsin System  
2016-17 Undergraduate Degrees Conferred by Discipline Area and Level**

CIP	Discipline Area	Assoc.	Bach.	Undergraduate	
				Total	% Total
52	Business, Management, Marketing, and Related Support Services		5,219	5,219	17.9%
51	Health Professions and Related Programs		2,241	2,241	7.7%
26	Biological and Biomedical Sciences		2,223	2,223	7.6%
24	Liberal Arts and Sciences, General Studies and Humanities	1,681	340	2,021	6.9%
13	Education		1,851	1,851	6.4%
14	Engineering		1,729	1,729	5.9%
45	Social Sciences		1,724	1,724	5.9%
09	Communication, Journalism, and Related Programs		1,464	1,464	5.0%
42	Psychology		1,337	1,337	4.6%
50	Visual and Performing Arts		1,150	1,150	4.0%
11	Computer and Information Sciences and Support Services		927	927	3.2%
31	Parks, Recreation, Leisure, and Fitness Studies		718	718	2.5%
44	Public Administration and Social Service Professions		715	715	2.5%
03	Natural Resources and Conservation		654	654	2.2%
01	Agriculture, Agriculture Operations, and Related Sciences		642	642	2.2%
30	Multi/Interdisciplinary Studies		612	612	2.1%
23	English Language and Literature/Letters		565	565	1.9%
43	Homeland Security, Law Enforcement, Firefighting and Related Protective Services		528	528	1.8%
40	Physical Sciences		503	503	1.7%
16	Foreign Languages, Literatures, and Linguistics		452	452	1.6%
27	Mathematics and Statistics		412	412	1.4%
19	Family and Consumer Sciences/Human Sciences		331	331	1.1%
15	Engineering Technologies and Engineering-Related Fields		309	309	1.1%
54	History		297	297	1.0%
04	Architecture and Related Services		115	115	0.4%
38	Philosophy and Religious Studies		108	108	0.4%
05	Area, Ethnic, Cultural, Gender, and Group Studies		107	107	0.4%
22	Legal Professions and Studies		94	94	0.3%
10	Communications Technologies/Technicians and Support Services		53	53	0.2%
41	Science Technologies/Technicians		39	39	0.1%
	<b>Total Undergraduate Degrees</b>	<b>1,681</b>	<b>27,459</b>	<b>29,140</b>	<b>100.0%</b>

Graduate degrees include Master's, Doctorate – Research/Scholarship, and Doctorate – Professional Practice degrees. During 2016-17, the most (1,219) graduate degrees were conferred in Health Professions (16.3%), followed by Business (15.9%), Education (13.7%), and Engineering (8.7%).

**Table 3**  
**University of Wisconsin System**  
**2016-17 Graduate Degrees Conferred by Discipline Area and Level**

CIP	Discipline Area	Master's	Doctorate		Graduate	
			Rsrch/ Schlrshp	Prof. Pract.	Total	% Total
51	Health Professions and Related Programs	596	76	547	1,219	16.3%
52	Business, Management, Marketing, and Related Support Services	1,178	12		1,190	15.9%
13	Education	942	75	10	1,027	13.7%
14	Engineering	471	183		654	8.7%
44	Public Administration and Social Service Professions	460	5		465	6.2%
42	Psychology	260	47		307	4.1%
45	Social Sciences	203	79		282	3.8%
26	Biological and Biomedical Sciences	104	152		256	3.4%
25	Library Science	251	1		252	3.4%
11	Computer and Information Sciences and Support Services	207	28		235	3.1%
22	Legal Professions and Studies	41	5	161	207	2.8%
40	Physical Sciences	82	111		193	2.6%
50	Visual and Performing Arts	130	29		159	2.1%
27	Mathematics and Statistics	111	43		154	2.1%
03	Natural Resources and Conservation	108	26		134	1.8%
16	Foreign Languages, Literatures, and Linguistics	81	43		124	1.7%
04	Architecture and Related Services	82	7		89	1.2%
23	English Language and Literature/Letters	48	35		83	1.1%
31	Parks, Recreation, Leisure, and Fitness Studies	64	8		72	1.0%
01	Agriculture, Agriculture Operations, and Related Sciences	55	15		70	0.9%
09	Communication, Journalism, and Related Programs	42	25		67	0.9%
54	History	28	28		56	0.7%
30	Multi/Interdisciplinary Studies	47	6		53	0.7%
19	Family and Consumer Sciences/Human Sciences	39	5		44	0.6%
43	Homeland Security, Law Enforcement, Firefighting and Related Protective Services	33			33	0.4%
05	Area, Ethnic, Cultural, Gender, and Group Studies	24	6		30	0.4%
38	Philosophy and Religious Studies	16	3		19	0.3%
15	Engineering Technologies and Engineering-Related Fields	7			7	0.1%
24	Liberal Arts and Sciences, General Studies and Humanities	1			1	0.0%
	<b>Total Graduate Degrees</b>	<b>5,711</b>	<b>1,053</b>	<b>718</b>	<b>7,482</b>	<b>100.0%</b>

**TRENDS IN DEGREES CONFERRED BY DISCIPLINE AREA**

Tables 4, 5, and 6 show the number of degrees conferred by UW System institutions by CIP sub-area, a more detailed categorization than the CIP areas shown in Tables 2 and 3. The specific degree programs shown are programs in which 2.5 percent or more of the total degrees for that level and year were conferred.

All disciplines except one representing at least 2.5 percent of all Bachelor's degrees in 2016-17 were also common in 2011-12 and 2006-07, including: Business Administration, Biology, Psychology, Communication, Nursing, Finance, Marketing, and Elementary Education (Table 4). Health and Physical Education/Fitness (31.05) emerged as a common discipline in 2016-17. English was popular in 2011-12 and 2006-07, but not in 2016-17. Accounting was common in 2011-12, but not in 2016-17 or 2006-07. Political Science, Secondary Education, History, and Fine Arts were common in 2006-07, but not in 2016-17 or 2011-12.

**Table 4  
University of Wisconsin System  
Bachelor's Degrees Conferred  
by Discipline Sub-Area and Year**

Year	Degrees	CIP Sub-Area and Description	
<b>2016-17</b>	1,855	52.02	Business Administration, Management and Operations
	1,544	26.01	Biology, General
	1,337	42.01	Psychology, General
	1,077	09.01	Communication and Media Studies
	983	51.38	Nursing
	860	52.08	Finance and Financial Management Services
	858	52.14	Marketing
	820	13.12	Elementary Education
	688	31.05	Health and Physical Education/Fitness
<b>2011-12</b>	1,681	52.02	Business Administration, Management and Operations
	1,304	42.01	Psychology, General
	1,288	26.01	Biology, General
	1,075	09.01	Communication and Media Studies
	919	13.12	Elementary Education
	867	51.38	Nursing
	817	52.14	Marketing
	813	52.08	Finance and Financial Management Services
	752	23.01	English Language and Literature, General
720	52.03	Accounting and Related Services	
<b>2006-07</b>	1,615	52.02	Business Administration, Management and Operations
	1,167	42.01	Psychology, General
	1,111	09.01	Communication and Media Studies
	1,094	26.01	Biology, General
	1,063	13.12	Elementary Education
	756	52.14	Marketing
	746	23.01	English Language and Literature, General
	735	51.38	Nursing
	661	45.10	Political Science and Government
	637	13.13	Secondary Education
	615	52.08	Finance and Financial Management Services
	599	54.01	History
590	50.07	Fine and Studio Arts	

Seven disciplines accounting for at least 2.5 percent of Master's degrees conferred in 2016-17 were also popular in 2011-12 and 2006-07. Those disciplines are: Business Administration, Social Work, Business/Commerce, Library Science, Clinical Psychology, Elementary Education, and Accounting. Engineering, Educational Administration, Computer and Information Services, and Communication Disorders emerged as common in 2016-17, but were not common in 2011-12 or 2006-07. Curriculum and Instruction was popular in 2016-17 and 2006-07, but not in 2011-12. Nursing and Education were popular in 2011-12 but not in 2016-17 or 2006-07. Student Counseling was common in 2011-12 and 2006-07, but not in 2016-17. The areas of Rehabilitation and Secondary Education were common only in 2006-07.

**Table 5**  
**University of Wisconsin System**  
**Master's Degrees Conferred**  
**by Discipline Sub-Area and Year**

Year	Degrees	CIP Sub-Area and Description	
<b>2016-17</b>	601	52.02	Business Administration, Management and Operations
	391	44.07	Social Work
	260	52.01	Business/Commerce, General
	251	25.01	Library Science
	236	42.28	Clinical, Counseling and Applied Psychology
	224	13.12	Elementary Education
	187	52.03	Accounting and Related Services
	185	14.01	Engineering, General
	177	13.04	Educational Administration and Supervision
	175	11.01	Computer and Information Sciences, General
	160	13.03	Curriculum and Instruction
	152	51.02	Communication Disorders Sciences
<b>2011-12</b>	613	52.02	Business Administration, Management and Operations
	279	13.12	Elementary Education
	278	44.07	Social Work
	267	52.01	Business/Commerce, General
	264	25.01	Library Science
	210	42.28	Clinical, Counseling and Applied Psychology
	204	52.03	Accounting and Related Services
	187	13.11	Student Counseling and Personnel Services
	175	51.38	Nursing
	155	13.01	Education
<b>2006-07</b>	520	52.02	Business Administration, Management and Operations
	470	13.12	Elementary Education
	240	44.07	Social Work
	214	13.11	Student Counseling and Personnel Services
	198	25.01	Library Science
	184	42.28	Clinical, Counseling and Applied Psychology
	158	13.03	Curriculum and Instruction
	155	52.01	Business/Commerce, General
	146	51.23	Rehabilitation and Therapeutic Professions
	145	52.03	Accounting and Related Services
	143	13.13	Secondary Education

The CIP sub-areas in which 2.5 percent of Doctorate – Research/Scholarship degrees were awarded in 2016-17, 2011-12, and 2006-07 are: Chemistry, Biochemistry/Biophysics/Molecular Biology, Electrical/Electronics/Communications Engineering, Educational Administration, English, Curriculum and Instruction, Physics, and Economics. Physiology, Mathematics, History, Computer and Information Sciences, and Engineering were common in 2016-17, but not in 2011-12 or 2006-07. Mechanical Engineering was popular in 2016-17 and 2006-07, but not in 2011-12. Clinical Psychology and Psychology were common in 2011-12, but not in 2016-17 or 2006-07. Pharmacy was popular only in 2006-07.

**Table 6**  
**University of Wisconsin System**  
**Doctorate – Research/Scholarship Degrees Conferred**  
**By Discipline Sub-Area and Year**

<b>Year</b>	<b>Degrees</b>	<b>CIP Sub-Area and Description</b>	
<b>2016-17</b>	58	40.05	Chemistry
	41	26.02	Biochemistry, Biophysics and Molecular Biology
	37	14.10	Electrical, Electronics and Communications Engineering
	35	13.04	Educational Administration and Supervision
	35	23.01	English Language and Literature
	33	26.09	Physiology, Pathology and Related Sciences
	31	13.03	Curriculum and Instruction
	31	40.08	Physics
	29	14.19	Mechanical Engineering
	29	45.06	Economics
	28	27.01	Mathematics
	28	54.01	History
	26	11.01	Computer and Information Sciences
	26	14.01	Engineering, General
<b>2011-12</b>	52	26.02	Biochemistry, Biophysics and Molecular Biology
	45	13.04	Educational Administration and Supervision
	38	40.05	Chemistry
	36	23.01	English Language and Literature
	33	13.03	Curriculum and Instruction
	33	40.08	Physics
	30	42.28	Clinical, Counseling and Applied Psychology
	28	14.10	Electrical, Electronics and Communications Engineering
	24	42.01	Psychology, General
	24	45.06	Economics
<b>2006-07</b>	60	40.05	Chemistry
	54	26.02	Biochemistry, Biophysics and Molecular Biology
	48	13.04	Educational Administration and Supervision
	34	14.10	Electrical, Electronics and Communications Engineering
	31	45.06	Economics
	27	13.03	Curriculum and Instruction
	25	23.01	English Language and Literature
	24	40.08	Physics
	22	14.19	Mechanical Engineering
	22	51.20	Pharmacy

**DEGREES CONFERRED BY GENDER**

Women earned 55.0 percent of all degrees conferred in the UW System in 2016-17 (Table 7). This is an increase of 0.4 percentage points from 54.6 percent in 2015-16. At the Associate level, degrees earned by women increased from 55.9 percent in the previous year to 58.2 percent. Compared to the previous year, women earned the same share of degrees at the Bachelor’s level (54.4%) and a higher share of Master’s degrees; 57.9 percent versus 56.9 percent. The Doctorate – Research/Scholarship degree level continues to be the only level where men were a majority of degree recipients. In 2016-17, men earned 56.5 percent of Doctorate – Research/Scholarship degrees conferred. At the Doctorate – Professional Practice level, 65.0 percent of degrees conferred were earned by women.

**Table 7  
University of Wisconsin System  
Trends in Degrees Conferred by Gender and Degree Level  
2012-13 to 2016-17**

		2012-13		2013-14		2014-15		2015-16		2016-17		
		#	%	#	%	#	%	#	%	#	%	
<b>Associate</b>	Women	1,060	57.3%	1,114	57.7%	1,081	55.5%	952	55.9%	978	58.2%	
	Men	790	42.7%	816	42.3%	867	44.5%	751	44.1%	703	41.8%	
	Total	1,850		1,930		1,948		1,703		1,681		
<b>Bachelor's</b>	Women	14,907	55.3%	14,581	53.9%	15,011	54.7%	14,953	54.4%	14,929	54.4%	
	Men	12,032	44.7%	12,460	46.1%	12,416	45.3%	12,536	45.6%	12,530	45.6%	
	Total	26,939		27,041		27,427		27,489		27,459		
<b>Master's</b>	Women	3,409	58.2%	3,004	57.1%	3,036	56.2%	3,160	56.9%	3,304	57.9%	
	Men	2,446	41.8%	2,253	42.9%	2,368	43.8%	2,391	43.1%	2,407	42.1%	
	Total	5,855		5,257		5,404		5,551		5,711		
<b>Doctorate</b>	<b>Rsrch/ Schlrshp</b>	Women	456	49.4%	496	49.6%	484	47.4%	444	43.9%	458	43.5%
		Men	468	50.6%	504	50.4%	537	52.6%	567	56.1%	595	56.5%
		Total	924		1,000		1,021		1,011		1,053	
	<b>Profess. Practice</b>	Women	429	56.8%	441	56.5%	436	57.4%	415	56.6%	467	65.0%
		Men	326	43.2%	340	43.5%	324	42.6%	318	43.4%	251	35.0%
		Total	755		781		760		733		718	
<b>Total</b>	Women	20,261	55.8%	19,636	54.5%	20,048	54.8%	19,924	54.6%	20,136	55.0%	
	Men	16,062	44.2%	16,373	45.5%	16,512	45.2%	16,563	45.4%	16,486	45.0%	
	Total	36,323		36,009		36,560		36,487		36,622		

**DEGREES CONFERRED BY RACE/ETHNICITY**

In 2016-17, underrepresented minority (URM) students earned a record 9.9 percent of all degrees conferred. Underrepresented minority students include those who indicated African American, American Indian, Hispanic/Latino(a), or Southeast Asian alone or in combination with other race/ethnicities. Of total degrees conferred, 2.4 percent were earned by African American students, 4.0 percent were earned by Hispanic/Latino(a) students, 0.4 percent were earned by American Indian students, 1.8 percent were earned by Southeast Asian students, and 1.4 percent were earned by students of Two or More Races - URM. The number of degrees conferred to underrepresented minority students has increased by 27.2 percent (771) since 2012-13, and the proportion of degrees awarded to underrepresented minority students increased from 7.8 percent to 9.9 percent.

Among degree recipients who are not underrepresented minority students and are not White, Other Asian American students earned 2.0 percent, Hawaiian/Pacific Islanders received 0.1 percent, and students reporting Two or More Races - Non-URM earned 0.8 percent of all degrees in 2016-17. White students received 80.2 percent of all degrees conferred during the 2016-17 academic year, while students for whom race/ethnicity was not reported earned 0.8 percent of degrees conferred. The remaining 6.2 percent of degrees conferred were earned by international students.



**Table 8**  
**University of Wisconsin System**  
**Trends in Degrees Conferred by Race/Ethnicity and Degree Level**  
**2012-13 to 2016-17**

		2012-13		2013-14		2014-15		2015-16		2016-17	
		#	%	#	%	#	%	#	%	#	%
<b>Associate</b>	African American	38	2.1%	45	2.3%	59	3.0%	56	3.3%	48	2.9%
	Hispanic/Latino(a)	66	3.6%	76	3.9%	103	5.3%	85	5.0%	88	5.2%
	American Indian	11	0.6%	4	0.2%	7	0.4%	7	0.4%	13	0.8%
	Southeast Asian	44	2.4%	55	2.8%	47	2.4%	47	2.8%	50	3.0%
	Two or More Races-URM*	15	0.8%	23	1.2%	31	1.6%	37	2.2%	26	1.5%
	<i>URM Subtotal</i>	174	9.4%	203	10.5%	247	12.7%	232	13.6%	225	13.4%
	Other Asian American	13	0.7%	11	0.6%	14	0.7%	16	0.9%	13	0.8%
	Hawaiian/Pacific Is.	2	0.1%			4	0.2%	1	0.1%		0.0%
	Two or More Races-Non-URM*	6	0.3%	5	0.3%	8	0.4%	11	0.6%	11	0.7%
	White	1,643	88.8%	1,704	88.3%	1,658	85.1%	1,439	84.5%	1,316	78.3%
	Unknown	8	0.4%	2	0.1%	5	0.3%			109	
	International	4	0.2%	5	0.3%	12	0.6%	4	0.2%	7	0.4%
<b>Total</b>	<b>1,850</b>		<b>1,930</b>		<b>1,948</b>		<b>1,703</b>		<b>1,681</b>		
<b>Bachelor's</b>	African American	564	2.1%	546	2.0%	581	2.1%	593	2.2%	597	2.2%
	Hispanic/Latino(a)	778	2.9%	865	3.2%	956	3.5%	1,011	3.7%	1,102	4.0%
	American Indian	120	0.4%	93	0.3%	117	0.4%	104	0.4%	114	0.4%
	Southeast Asian	399	1.5%	480	1.8%	442	1.6%	478	1.7%	522	1.9%
	Two or More Races-URM*	222	0.8%	320	1.2%	382	1.4%	348	1.3%	403	1.5%
	<i>URM Subtotal</i>	2,083	7.7%	2,304	8.5%	2,478	9.0%	2,534	9.2%	2,738	10.0%
	Other Asian American	468	1.7%	433	1.6%	454	1.7%	463	1.7%	531	1.9%
	Hawaiian/Pacific Is.	20	0.1%	22	0.1%	21	0.1%	19	0.1%	23	0.1%
	Two or More Races - Non-URM*	103	0.4%	149	0.6%	191	0.7%	209	0.8%	227	0.8%
	White	23,143	85.9%	23,136	85.6%	23,409	85.4%	23,197	84.4%	22,908	83.4%
	Unknown	309	1.1%	187	0.7%	107	0.4%	51	0.2%	61	0.2%
	International	813	3.0%	810	3.0%	767	2.8%	1,016	3.7%	971	3.5%
<b>Total</b>	<b>26,939</b>		<b>27,041</b>		<b>27,427</b>		<b>27,489</b>		<b>27,459</b>		
<b>Master's</b>	African American	166	2.8%	167	3.2%	162	3.0%	153	2.8%	172	3.0%
	Hispanic/Latino(a)	159	2.7%	152	2.9%	184	3.4%	187	3.4%	184	3.2%
	American Indian	29	0.5%	30	0.6%	28	0.5%	28	0.5%	16	0.3%
	Southeast Asian	55	0.9%	51	1.0%	63	1.2%	46	0.8%	56	1.0%
	Two or More Races-URM*	38	0.6%	42	0.8%	31	0.6%	49	0.9%	50	0.9%
	<i>URM Subtotal</i>	447	7.6%	442	8.4%	468	8.7%	463	8.3%	478	8.4%
	Other Asian American	134	2.3%	132	2.5%	126	2.3%	118	2.1%	133	2.3%
	Hawaiian/Pacific Is.	5	0.1%	4	0.1%	3	0.1%	6	0.1%	2	0.0%
	Two or More Races-Non-URM*	30	0.5%	21	0.4%	26	0.5%	32	0.6%	35	0.6%
	White	4,400	75.1%	3,816	72.6%	3,884	71.9%	3,932	70.8%	4,054	71.0%
	Unknown	84	1.4%	58	1.1%	60	1.1%	63	1.1%	60	1.1%
	International	755	12.9%	784	14.9%	837	15.5%	937	16.9%	949	16.6%
<b>Total</b>	<b>5,855</b>		<b>5,257</b>		<b>5,404</b>		<b>5,551</b>		<b>5,711</b>	<b>2.9%</b>	

(continued)

\* Underrepresented minority (URM) include students identifying as African American, American Indian, Hispanic/Latino(a), or Southeast Asian alone or in combination with other race/ethnicities.

Two or More Races – URM includes students identifying as two or more races, one of which is a URM group.

Two or More Races – Non-URM includes students identifying as two or more races, none of which is a URM group.

**Table 8 – cont.**  
**University of Wisconsin System**  
**Trends in Degrees Conferred by Race/Ethnicity and Degree Level**  
**2012-13 to 2016-17**

		2012-13		2013-14		2014-15		2015-16		2016-17		
		#	%	#	%	#	%	#	%	#	%	
<b>Doctorate</b>	<b>Rsrch/Schlrshp</b>	African American	27	2.9%	30	3.0%	14	1.4%	21	2.1%	32	3.0%
		Hispanic/Latino(a)	23	2.5%	24	2.4%	30	2.9%	36	3.6%	60	5.7%
		American Indian	2	0.2%	4	0.4%	3	0.3%	2	0.2%	1	0.1%
		Southeast Asian	6	0.6%	6	0.6%	2	0.2%	6	0.6%	8	0.8%
		Two or More Races-URM*	3	0.3%	8	0.8%	5	0.5%	9	0.9%	7	0.7%
		<i>URM Subtotal</i>	61	6.6%	72	7.2%	54	5.3%	74	7.3%	108	10.3%
		Other Asian American	23	2.5%	26	2.6%	32	3.1%	29	2.9%	32	3.0%
		Hawaiian/Pacific Is.					1	0.1%	0	0.0%		0.0%
		Two or More Races-Non-URM*	2	0.2%	6	0.6%	2	0.2%	12	1.2%	8	0.8%
		White	536	58.0%	537	53.7%	539	52.8%	516	51.0%	512	48.6%
	Unknown	37	4.0%	53	5.3%	62	6.1%	47	4.6%	45	4.3%	
	International	265	28.7%	306	30.6%	331	32.4%	333	32.9%	348	33.0%	
	<b>Total</b>	<b>924</b>		<b>1,000</b>		<b>1,021</b>		<b>1,011</b>		<b>1,053</b>		
	<b>Profess. Practice</b>	African American	28	3.7%	27	3.5%	26	3.4%	21	2.9%	18	2.5%
		Hispanic/Latino(a)	25	3.3%	22	2.8%	27	3.6%	23	3.1%	19	2.6%
		American Indian	5	0.7%	4	0.5%	2	0.3%	1	0.1%	2	0.3%
		Southeast Asian	7	0.9%	6	0.8%	4	0.5%	4	0.5%	10	1.4%
		Two or More Races-URM*	8	1.1%	7	0.9%	7	0.9%	7	1.0%	11	1.5%
		<i>URM Subtotal</i>	73	9.7%	66	8.5%	66	8.7%	56	7.6%	60	8.4%
		Other Asian American	46	6.1%	41	5.2%	27	3.6%	32	4.4%	38	5.3%
Hawaiian/Pacific Is.		1	0.1%	2	0.3%	1	0.1%	1	0.1%		0.0%	
Two or More Races - Non-URM*		4	0.5%	5	0.6%	6	0.8%	5	0.7%	5	0.7%	
White		590	78.1%	615	78.7%	605	79.6%	595	81.2%	582	81.1%	
Unknown	33	4.4%	38	4.9%	47	6.2%	30	4.1%	20	2.8%		
International	8	1.1%	14	1.8%	8	1.1%	14	1.9%	13	1.8%		
<b>Total</b>	<b>755</b>		<b>781</b>		<b>760</b>		<b>733</b>		<b>718</b>			
<b>Total</b>	African American	823	2.3%	815	2.3%	842	2.3%	844	2.3%	867	2.4%	
	Hispanic/Latino(a)	1,051	2.9%	1,139	3.2%	1,300	3.6%	1,342	3.7%	1,453	4.0%	
	American Indian	167	0.5%	135	0.4%	157	0.4%	142	0.4%	146	0.4%	
	Southeast Asian	511	1.4%	598	1.7%	558	1.5%	581	1.6%	646	1.8%	
	Two or More Races-URM*	286	0.8%	400	1.1%	456	1.2%	450	1.2%	497	1.4%	
	<i>URM Subtotal</i>	2,838	7.8%	3,087	8.6%	3,313	9.1%	3,359	9.2%	3,609	9.9%	
	Other Asian American	684	1.9%	643	1.8%	653	1.8%	658	1.8%	747	2.0%	
	Hawaiian/Pacific Is.	28	0.1%	28	0.1%	30	0.1%	27	0.1%	25	0.1%	
	Two or More Races-Non-URM*	145	0.4%	186	0.5%	233	0.6%	269	0.7%	286	0.8%	
	White	30,312	83.5%	29,808	82.8%	30,095	82.3%	29,679	81.3%	29,372	80.2%	
	Unknown	471	1.3%	338	0.9%	281	0.8%	191	0.5%	295	0.8%	
International	1,845	5.1%	1,919	5.3%	1,955	5.3%	2,304	6.3%	2,288	6.2%		
<b>Total</b>	<b>36,323</b>		<b>36,009</b>		<b>36,560</b>		<b>36,487</b>		<b>36,622</b>			

\* Underrepresented minority (URM) include students identifying as African American, American Indian, Hispanic/Latino(a), or Southeast Asian alone or in combination with other race/ethnicities.

Two or More Races – URM includes students identifying as two or more races, one of which is a URM group.

Two or More Races – Non-URM includes students identifying as two or more races, none of which is a URM group.

**DEGREES CONFERRED IN STEM AND HEALTH AREAS**

Degrees conferred in Science, Technology, Engineering, Mathematics (STEM), and Health disciplines are of particular interest. Currently, no national standard definition exists for STEM and Health academic programs. STEM and Health programs are defined in this report using the following CIP 2010 areas: Agricultural Sciences (01.0308, 01.09, 01.10, 01.11, 01.12), Natural Resources and Conservation (03), Computer Science and Info Systems (11), Engineering (14), Engineering Technology (15), Life/Biological Science (26), Mathematics and Statistics (27), Multi/Interdisciplinary Studies (30.01, 30.19, 30.27, 30.30), Kinesiology (31.0505), Physical Science (40), Science Technologies (41.9999), and Health (51).

UW institutions confer STEM and Health degrees at the bachelor's and graduate/professional levels. UW institutions conferred 9,716 STEM degrees and 3,460 Health degrees in 2016-17, accounting for 37.7 percent of degrees at the bachelor's and graduate/professional levels. Nearly two-fifths (39.7%) of degrees conferred at graduate levels were in STEM or Health disciplines.

**Table 9  
University of Wisconsin System  
2016-17 Degrees Conferred in STEM and Health Areas by Degree Level**

		Associate	Bachelor's	Master's	Doctorate		Total
					Rsrch/ Schlrshp	Profess. Practice	
UW-Madison	STEM		2,819	760	494		4,073
	Health		379	197	53	398	1,027
	All	0	6,922	2,227	873	559	10,581
UW-Milwaukee	STEM		868	181	71		1,120
	Health		515	148	23	65	751
	All	0	3,834	1,336	180	65	5,415
UW-Eau Claire	STEM		414				414
	Health		322	33		20	375
	All	17	1,992	120	0	20	2,149
UW-Green Bay	STEM		206	20			226
	Health		135				135
	All	12	1,238	124	0	0	1,374
UW-La Crosse	STEM		583	75			658
	Health		222	74		41	337
	All	11	1,951	308	0	41	2,311
UW-Oshkosh	STEM		364	4			368
	Health		269	13		18	300
	All	0	2,093	273	0	18	2,384
UW-Parkside	STEM		139	6			145
	Health		29				29
	All	0	758	43	0	0	801
UW-Platteville	STEM		758	59			817
	Health						
	All	2	1,341	263	0	0	1,606
UW-River Falls	STEM		383	16			399
	Health		34	21			55
	All	0	1,199	199	0	0	1,398
UW-Stevens Point	STEM		638	21			659
	Health		182	30		5	217
	All	25	1,801	74	0	5	1,905
UW-Stout	STEM		450	41			491
	Health		104	64			168
	All	0	1,613	282	0	10	1,905
UW-Superior	STEM		52				52
	Health		6				6
	All	20	490	46	0	0	556
UW-Whitewater	STEM		294				294
	Health		44	16			60
	All	118	2,199	416	0	0	2,733
UW Colleges	All	1,476	28	0	0	0	1,504
Total	STEM	0	7,968	1,183	565	0	9,716
	Health	0	2,241	596	76	547	3,460
	All	1,681	27,459	5,711	1,053	718	36,622

The number of STEM degrees conferred by UW System institutions increased by 3,252 from 2006-07 to 2016-17. In 2016-17, UW Institutions conferred 1,094 more degrees in Health disciplines than in 2006-07. Degrees in STEM fields have increased 50.3 percent since 2006-07, while degrees in Health Professions have increased 46.2 percent over the same period. Combined, degrees in STEM fields and Health professions have increased 49.2 percent compared to ten years ago.

**Table 10**  
**University of Wisconsin System**  
**Trends in Degrees Conferred in STEM and Health Areas**  
**2006-07 to 2016-17**

		2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
UW-Madison	STEM	3,080	2,946	2,953	3,008	3,259	3,209	3,379	3,569	3,845	3,977	4,073
	Health	876	842	977	966	1,034	1,002	980	1,010	1,019	1,128	1,027
	All	9,563	9,693	9,878	9,832	10,223	10,005	10,257	10,222	10,505	10,560	10,581
UW-Milwaukee	STEM	590	607	624	671	681	779	907	954	945	1,064	1,120
	Health	430	428	515	520	547	586	624	563	543	621	751
	All	4,757	4,964	5,104	5,039	5,268	5,799	5,633	5,415	5,158	5,392	5,415
UW-Eau Claire	STEM	302	308	333	345	354	381	391	399	435	472	414
	Health	252	256	259	282	331	355	389	311	343	338	375
	All	2,084	1,999	2,027	2,197	2,198	2,300	2,315	2,287	2,293	2,292	2,149
UW-Green Bay	STEM	191	201	191	210	196	198	257	206	241	233	226
	Health	48	47	56	53	82	85	105	112	121	130	135
	All	1,064	1,047	1,024	1,160	1,214	1,244	1,402	1,240	1,335	1,399	1,374
UW-La Crosse	STEM	476	487	493	547	520	494	569	589	646	608	658
	Health	217	220	226	239	249	278	276	286	298	353	337
	All	2,087	2,134	2,124	2,228	2,130	1,983	2,175	2,130	2,317	2,205	2,311
UW-Oshkosh	STEM	144	153	158	154	217	225	254	296	282	300	368
	Health	242	242	247	281	274	278	318	318	317	285	300
	All	2,062	2,071	2,132	2,180	2,158	2,187	2,280	2,286	2,335	2,240	2,384
UW-Parkside	STEM	66	85	77	74	111	93	72	72	112	96	145
	Health		2	8	9	19	20	27	23	33	25	29
	All	622	692	670	620	740	728	723	659	749	731	801
UW-Platteville	STEM	482	484	494	525	595	631	656	731	733	741	817
	Health											
	All	1,156	1,157	1,199	1,287	1,348	1,399	1,488	1,546	1,613	1,627	1,606
UW-River Falls	STEM	272	266	286	285	334	372	394	346	400	387	399
	Health	41	37	39	26	32	29	48	47	51	55	55
	All	1,275	1,239	1,253	1,212	1,327	1,443	1,455	1,345	1,391	1,364	1,398
UW-Stevens Point	STEM	480	468	476	491	502	578	573	658	660	686	659
	Health	95	114	112	125	149	162	153	183	195	226	217
	All	1,725	1,732	1,762	1,802	1,773	2,008	1,837	2,066	2,004	2,022	1,905
UW-Stout	STEM	188	219	259	240	299	308	356	416	414	453	491
	Health	132	148	126	127	153	143	157	160	183	164	168
	All	1,658	1,754	1,747	1,700	1,841	1,850	1,970	1,898	1,925	1,917	1,905
UW-Superior	STEM	49	59	47	57	38	46	49	45	41	38	52
	Health									4	9	6
	All	525	544	517	510	477	575	543	523	529	503	556
UW-Whitewater	STEM	144	132	144	150	152	198	186	193	256	228	294
	Health	33	25	35	36	29	54	34	54	31	49	60
	All	2,202	2,107	2,181	2,214	2,298	2,436	2,526	2,656	2,676	2,715	2,733
UW Colleges	All	1,277	1,342	1,426	1,461	1,613	1,751	1,719	1,736	1,730	1,520	1,504
Total	STEM	6,464	6,415	6,535	6,757	7,258	7,512	8,043	8,474	9,010	9,283	9,716
	Health	2,366	2,361	2,600	2,664	2,899	2,992	3,111	3,067	3,138	3,383	3,460
	All	32,057	32,475	33,044	33,442	34,608	35,708	36,323	36,009	36,560	36,487	36,622

In 2016-17, female students earned the majority of degrees conferred in Health disciplines both in total (2,796) and at each level. Male students earned the majority of degrees conferred at all levels in STEM fields during the same year (6,048). Among underrepresented minority students, Hispanic/Latino(a) students earned around two-fifths of STEM (44.0%) and Health (37.9%) degrees conferred.

**Table 11**  
**University of Wisconsin System**  
**Degrees Conferred in STEM and Health Areas**  
**by Degree Level, Race/Ethnicity, and Gender**  
**2016-17**

			Associate	Bachelor's	Master's	Doctorate		Total
						Rsrch/ Schlrshp	Profess. Practice	
Race/Ethnicity	African American	STEM		92	14	8		114
		Health		31	13	4	11	59
		All	48	597	172	32	18	867
	Hispanic/ Latino(a)	STEM		268	28	25		321
		Health		75	17	9	9	110
		All	88	1,102	184	60	19	1,453
	American Indian	STEM		18				18
		Health		8	2		2	12
		All	13	114	16	1	2	146
	Southeast Asian	STEM		162	4	6		172
		Health		46	9	1	10	66
		All	50	522	56	8	10	646
	Two or More Races - URM	STEM		98	5	2		105
		Health		32	6		5	43
		All	26	403	50	7	11	497
<i>URM Subtotal</i>	<i>STEM</i>	<i>0</i>	<i>638</i>	<i>51</i>	<i>41</i>	<i>0</i>	<i>730</i>	
	<i>Health</i>	<i>0</i>	<i>192</i>	<i>47</i>	<i>14</i>	<i>37</i>	<i>290</i>	
	<i>All</i>	<i>225</i>	<i>2,738</i>	<i>478</i>	<i>108</i>	<i>60</i>	<i>3,609</i>	
Other Asian American	STEM		217	30	17		264	
	Health		42	11	1	34	88	
	All	13	531	133	32	38	747	
Hawaiian/Pacific Islander	STEM		2				2	
	Health		3				3	
	All	0	23	2	0	0	25	
Two or More Races - Non-URM	STEM		75	4	4		83	
	Health		15	6		5	26	
	All	11	227	35	8	5	286	
White	STEM		6,597	627	246		7,470	
	Health		1,966	509	43	448	2,966	
	All	1,316	22,908	4,054	512	582	29,372	
Unknown	STEM		21	11	22		54	
	Health		4	4	2	15	25	
	All	109	61	60	45	20	295	
International	STEM		418	460	235		1,113	
	Health		19	19	16	8	62	
	All	7	971	949	348	13	2,288	
Gender	Female	STEM		3,082	409	177		3,668
		Health		1,862	496	53	385	2,796
		All	978	14,929	3,304	458	467	20,136
	Male	STEM		4,886	774	388		6,048
		Health		379	100	23	162	664
		All	703	12,530	2,407	595	251	16,486
Total	STEM		7,968	1,183	565		9,716	
	Health		2,241	596	76	547	3,460	
	All	1,681	27,459	5,711	1,053	718	36,622	

**Appendix A**  
**University of Wisconsin System**  
**Degrees Conferred by Institution and Level**  
**2006-07 to 2016-17**

		2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
UW-Madison	Bachelor's	6,194	6,376	6,637	6,558	6,650	6,422	6,661	6,700	6,854	6,919	6,922
	Master's	1,944	1,910	1,811	1,919	2,156	2,069	2,156	2,025	2,149	2,183	2,227
	Doctorate Rsrch.	775	761	786	716	761	813	768	813	853	867	873
	Doctorate Prof. Pract.	650	646	644	639	656	701	672	684	649	591	559
	Sub-total	9,563	9,693	9,878	9,832	10,223	10,005	10,257	10,222	10,505	10,560	10,581
UW-Milwaukee	Bachelor's	3,478	3,612	3,617	3,554	3,701	4,170	3,984	3,960	3,688	3,900	3,834
	Master's	1,178	1,237	1,361	1,340	1,422	1,446	1,471	1,227	1,266	1,298	1,336
	Doctorate Rsrch.	101	115	125	129	125	150	156	187	168	144	180
	Doctorate Prof. Pract.			1	16	20	33	22	41	36	50	65
	Sub-total	4,757	4,964	5,104	5,039	5,268	5,799	5,633	5,415	5,158	5,392	5,415
UW-Eau Claire	Associate	9	6	7	8	6	21	22	30	28	23	17
	Bachelor's	1,926	1,836	1,876	2,012	2,021	2,090	2,129	2,104	2,120	2,127	1,992
	Master's	149	157	144	177	171	175	155	151	128	118	120
	Doctorate Prof. Pract.						14	9	2	17	24	20
	Sub-total	2,084	1,999	2,027	2,197	2,198	2,300	2,315	2,287	2,293	2,292	2,149
UW-Green Bay	Associate		3	4	9	10	20	11	14		1	12
	Bachelor's	1,006	995	968	1,104	1,141	1,174	1,346	1,179	1,272	1,285	1,238
	Masters	58	49	52	47	63	50	45	47	63	113	124
	Sub-total	1,064	1,047	1,024	1,160	1,214	1,244	1,402	1,240	1,335	1,399	1,374
	UW-La Crosse	Associate				4	3	3	9	21	27	15
Bachelor's		1,530	1,523	1,623	1,720	1,653	1,595	1,793	1,785	1,938	1,869	1,951
Master's		557	572	458	462	436	342	329	279	308	277	308
Doctorate Prof. Pract.			39	43	42	35	43	44	45	44	44	41
Sub-total		2,087	2,134	2,124	2,228	2,130	1,983	2,175	2,130	2,317	2,205	2,311
UW-Oshkosh	Associate				5					7		
	Bachelor's	1,716	1,787	1,830	1,856	1,876	1,947	1,996	2,014	2,040	1,945	2,093
	Master's	346	284	302	319	282	236	278	268	278	282	273
	Doctorate Prof. Pract.						4	6	4	10	13	18
	Sub-total	2,062	2,071	2,132	2,180	2,158	2,187	2,280	2,286	2,335	2,240	2,384
UW-Parkside	Bachelor's	594	656	638	588	703	691	678	625	698	691	758
	Master's	28	36	32	32	37	37	45	34	51	40	43
	Sub-total	622	692	670	620	740	728	723	659	749	731	801
UW-Platteville	Associate	3	1	2		1	4	2	3	1	4	2
	Bachelor's	999	956	979	1,070	1,138	1,172	1,283	1,332	1,424	1,399	1,341
	Master's	154	200	218	217	209	223	203	211	188	224	263
	Sub-total	1,156	1,157	1,199	1,287	1,348	1,399	1,488	1,546	1,613	1,627	1,606
	UW-River Falls	Bachelor's	1,091	1,079	1,075	1,039	1,137	1,249	1,308	1,189	1,230	1,164
Master's		184	160	178	173	190	194	147	156	161	200	199
Sub-total		1,275	1,239	1,253	1,212	1,327	1,443	1,455	1,345	1,391	1,364	1,398
UW-Stevens Point	Associate	18	14	19	20	24	167	24	19	28	22	25
	Bachelor's	1,587	1,584	1,611	1,657	1,636	1,717	1,703	1,946	1,866	1,909	1,801
	Master's	120	131	129	121	110	120	108	96	106	85	74
	Doctorate Prof. Pract.		3	3	4	3	4	2	5	4	6	5
	Sub-total	1,725	1,732	1,762	1,802	1,773	2,008	1,837	2,066	2,004	2,022	1,905
UW-Stout	Bachelor's	1,394	1,493	1,483	1,418	1,545	1,543	1,636	1,610	1,672	1,615	1,613
	Master's	264	261	264	282	296	307	334	288	253	297	282
	Doctorate Prof. Pract.										5	10
	Sub-total	1,658	1,754	1,747	1,700	1,841	1,850	1,970	1,898	1,925	1,917	1,905
UW-Superior	Associate	5	6	10	9	14	18	5	23	21	29	20
	Bachelor's	441	468	438	432	391	490	478	463	472	441	490
	Master's	79	70	69	69	72	67	60	37	36	33	46
	Sub-total	525	544	517	510	477	575	543	523	529	503	556
UW-Whitewater	Associate	8	16	9	15	16	27	58	84	108	107	118
	Bachelor's	1,820	1,712	1,740	1,758	1,805	1,918	1,944	2,134	2,151	2,207	2,199
	Master's	374	379	432	441	477	491	524	438	417	401	416
UW Colleges	Sub-total	2,202	2,107	2,181	2,214	2,298	2,436	2,526	2,656	2,676	2,715	2,733
	Associate	1,277	1,342	1,426	1,461	1,613	1,751	1,719	1,736	1,728	1,502	1,476
	Bachelor's									2	18	28
	Sub-total	1,277	1,342	1,426	1,461	1,613	1,751	1,719	1,736	1,730	1,520	1,504
Total	Associate	1,320	1,388	1,477	1,531	1,687	2,011	1,850	1,930	1,948	1,703	1,681
	Bachelor's	23,776	24,077	24,515	24,766	25,400	26,178	26,939	27,041	27,427	27,489	27,459
	Master's	5,435	5,446	5,450	5,599	5,921	5,757	5,855	5,257	5,404	5,551	5,711
	Doctorate Rsrch.	876	876	911	845	886	963	924	1,000	1,021	1,011	1,053
	Doctorate Prof. Pract.	650	688	691	701	714	799	755	781	760	733	718
	Total	32,057	32,475	33,044	33,442	34,608	35,708	36,323	36,009	36,560	36,487	36,622