



The University of Wisconsin System

Informational Memorandum

Degrees Conferred: 2012-13 Update

Highlights

How many degrees were conferred by UW System institutions during the 2012-13 academic year?

- UW System institutions conferred 36,323 degrees at all levels, the highest ever.
- Most degrees conferred were Bachelor's degrees (26,939), followed by Master's degrees (5,855), and Associate degrees (1,850). Doctorate – Research/Scholarship degrees (924) and degrees at the Doctorate – Professional Practice (755) levels comprise the remainder.

What were the popular disciplines for undergraduate and graduate degrees during 2012-13?

- The top-three disciplines for undergraduate degrees were: Business (16.8%), Liberal Arts and Sciences (7.6%), and Social Sciences (7.3%).
- At the graduate level, Business (16.9%) was the top discipline followed by Health Professions (15.6%) and Education (13.8%).

What do we know about recipients of UW System degrees by gender or race/ethnicity?

- Women earned 55.8 percent of all degrees conferred in the UW System in 2012-13. Doctorate – Research Scholarship is the only level where men continue to be recipients of slightly more than half (50.6%) of degrees conferred.
- Of all degrees conferred, 7.8 percent were earned by underrepresented minority students.

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

- Over one-quarter (28.8%) of all degrees conferred by UW System institutions during 2012-13 were in Science, Technology, Engineering, and Mathematics (STEM) disciplines or health professions.
- UW System institutions conferred record numbers of degrees in STEM disciplines (7,378) and health professions (3,099) during the 2012-13 academic year.

The University of Wisconsin System
Office of Policy Analysis and Research
November 2013

Additional reports available at <http://www.uwsa.edu/opar>

1534 Van Hise Hall
1220 Linden Drive
Madison, WI 53706
(608) 262-6441

DEGREES CONFERRED BY INSTITUTION AND LEVEL

In 2012-13, UW System institutions conferred 36,323 degrees (Table 1). Of these degrees, 1,850 were Associate degrees, 26,939 were Bachelor's degrees, 5,855 were Master's degrees, and 924 were Doctorate – Research/Scholarship degrees. Doctorate – Professional Practice degrees awarded to UW-Madison, UW-Milwaukee, UW-Eau Claire, UW-La Crosse, UW-Oshkosh, and UW-Stevens Point students accounted for the remaining 755 degrees. See Appendix A for a history of degrees conferred by level and institution.

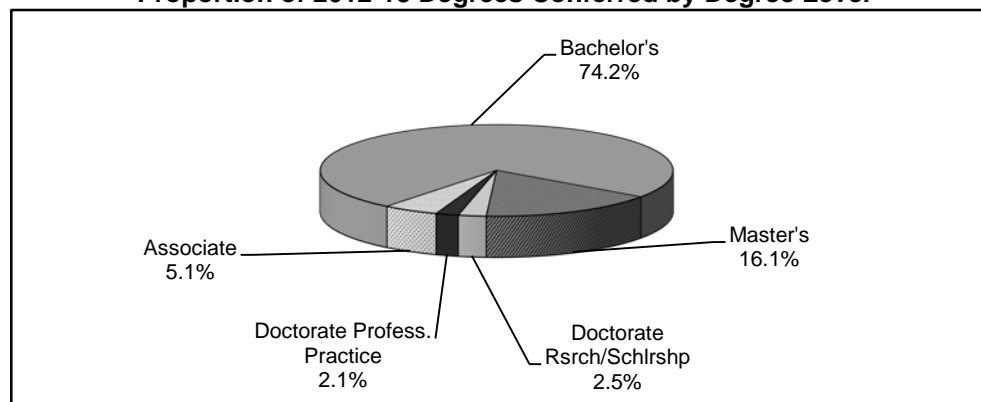
Table 1
University of Wisconsin System
2012-13 Degrees Conferred by Level and Institution

	Associate	Bachelor's	Master's	Doctorate		Total
				Rsrch/ Schlrshp	Profess. Practice	
UW-Madison		6,661	2,156	768	672	10,257
UW-Milwaukee		3,984	1,471	156	22	5,633
Subtotal		10,645	3,627	924	694	15,890
UW-Eau Claire	22	2,129	155		9	2,315
UW-Green Bay	11	1,346	45			1,402
UW-La Crosse	9	1,793	329		44	2,175
UW-Oshkosh		1,996	278		6	2,280
UW-Parkside		678	45			723
UW-Platteville	2	1,283	203			1,488
UW-River Falls		1,308	147			1,455
UW-Stevens Point	24	1,703	108		2	1,837
UW-Stout		1,636	334			1,970
UW-Superior	5	478	60			543
UW-Whitewater	58	1,944	524			2,526
Subtotal	131	16,294	2,228		61	18,714
UW Colleges	1,719					1,719
Total	1,850	26,939	5,855	924	755	36,323

PROPORTION OF DEGREES CONFERRED BY LEVEL

Bachelor's degrees composed almost three-quarters (74.2%) of all degrees conferred by UW System institutions in 2012-13 (Figure 1). Master's degrees accounted for 16.1 percent of all degrees conferred while Associate degrees made up 5.1 percent of degrees conferred. Doctorate – Research/Scholarship degrees made up 2.5 percent, and Doctorate – Professional Practice degrees awarded to UW-Madison, UW-Milwaukee, UW-Eau Claire, UW-La Crosse, UW-Oshkosh, and UW-Stevens Point students comprise 2.1 percent of all UW System degrees conferred.

Figure 1
University of Wisconsin System
Proportion of 2012-13 Degrees Conferred by Degree Level



DEGREES CONFERRED BY DISCIPLINE AREA AND LEVEL

Tables 2 and 3 show 2012-13 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 16.8 percent of all undergraduate degrees. Liberal Arts and Sciences (CIP 24) made up 7.6 percent of undergraduate degrees conferred, and degrees in Social Sciences (CIP 45) were 7.3 percent of all undergraduate degrees conferred.

Table 2
University of Wisconsin System
2012-13 Undergraduate Degrees Conferred by Discipline Area and Level

CIP	Discipline Area	Assoc.	Bach.	Undergraduate	
				Total	% Total
52	Business, Management, Marketing, and Related Support Services	1,850	4,825	4,825	16.8%
24	Liberal Arts and Sciences		327	2,177	7.6%
45	Social Sciences		2,098	2,098	7.3%
26	Biological and Biomedical Sciences		2,071	2,071	7.2%
13	Education		2,068	2,068	7.2%
51	Health Professions and Related Programs		1,924	1,924	6.7%
09	Communication, Journalism, and Related Programs		1,518	1,518	5.3%
50	Visual and Performing Arts		1,421	1,421	4.9%
42	Psychology		1,388	1,388	4.8%
14	Engineering		1,306	1,306	4.5%
30	Multi/Interdisciplinary Studies		740	740	2.6%
23	English Language and Literature		675	675	2.3%
44	Public Administration and Social Service Professions		666	666	2.3%
31	Parks, Recreation, Leisure, and Fitness Studies		597	597	2.1%
16	Foreign Languages, Literatures, and Linguistics		590	590	2.0%
01	Agriculture, Agriculture Operations, and Related Sciences		565	565	2.0%
43	Homeland Security, Law Enforcement, Firefighting, and Related Protective Services		560	560	1.9%
11	Computer and Information Sciences and Support Services		548	548	1.9%
54	History		521	521	1.8%
03	Natural Resources and Conservation		515	515	1.8%
40	Physical Sciences		425	425	1.5%
27	Mathematics and Statistics		389	389	1.4%
19	Family and Consumer Sciences/Human Sciences		292	292	1.0%
15	Engineering Technologies		268	268	0.9%
05	Area, Ethnic, Cultural, Gender, and Group Studies		148	148	0.5%
38	Philosophy and Religious Studies		148	148	0.5%
04	Architecture and Related Services		125	125	0.4%
22	Legal Professions and Studies		110	110	0.4%
10	Communications Technologies		58	58	0.2%
41	Science Technologies/Technicians		53	53	0.2%
	Total Undergraduate Degrees	1,850	26,939	28,789	100.0%

Graduate degrees include Master's, Doctorate – Research/Scholarship, and Doctorate – Professional Practice degrees. During 2012-13, the discipline in which the most graduate degrees were conferred was Business (16.9%) followed by Health Professions (15.6%), Education (13.8%), and Engineering (8.0%).

Table 3
University of Wisconsin System
2012-13 Graduate Degrees Conferred by Discipline Area and Level

CIP	Discipline Area	Master's	Doctorate		Graduate	
			Rsrch/ Schlrshp	Prof. Pract.	Total	% Total
52	Business, Management, Marketing, and Related Support Services	1,257	15	500	1,272	16.9%
51	Health Professions and Related Programs	599	76		1,175	15.6%
13	Education	977	64		1,041	13.8%
14	Engineering	481	122	255	603	8.0%
44	Public Administration and Social Service Professions	433	9		442	5.9%
25	Library Science	332	2		334	4.4%
22	Legal Professions and Studies	48	10	255	313	4.2%
42	Psychology	245	43		288	3.8%
45	Social Sciences	177	84		261	3.5%
26	Biological and Biomedical Sciences	112	124		236	3.1%
50	Visual and Performing Arts	160	30		190	2.5%
40	Physical Sciences	66	98		164	2.2%
04	Architecture and Related Services	151			151	2.0%
11	Computer and Information Sciences and Support Services	121	25		146	1.9%
16	Foreign Languages, Literatures, and Linguistics	95	35		130	1.7%
23	English Language and Literature	62	39		101	1.3%
31	Parks, Recreation, Leisure, and Fitness Studies	94	3		97	1.3%
03	Natural Resources and Conservation	83	8		91	1.2%
27	Mathematics and Statistics	49	37		86	1.1%
54	History	44	32		76	1.0%
09	Communication, Journalism, and Related Programs	51	24		75	1.0%
19	Family and Consumer Sciences/Human Sciences	59	6		65	0.9%
01	Agriculture, Agriculture Operations, and Related Sciences	47	16		63	0.8%
05	Area, Ethnic, Cultural, Gender, and Group Studies	44	3		47	0.6%
38	Philosophy and Religious Studies	15	7		22	0.3%
43	Homeland Security, Law Enforcement, Firefighting, and Related Protective Services	22			22	0.3%
30	Multi/Interdisciplinary Studies	8	12		20	0.3%
15	Engineering Technologies	15			15	0.2%
24	Liberal Arts and Sciences	8			8	0.1%
	Total Graduate Degrees	5,855	924	755	7,534	100.0%

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 specific categorization than the CIP areas shown in Tables 2 and 3. The specific degree programs shown represent common programs, defined as programs in which 2.5 percent or more of the total degrees for that level and year were conferred.

Disciplines accounting for at least 2.5 percent of all Bachelor's degrees in 2012-13 that were also represented in 2007-08 and 2002-03, include: Business Administration, Biology, Psychology, Communication, Elementary Education, Finance, and Marketing (Table 4). Nursing was popular in 2012-13 and 2007-08, though not in 2002-03. English, Political Science, Secondary Education, Sociology and Fine Arts were popular in 2007-08 and 2002-03, though not in 2012-13. Accounting and History were common in 2007-08, but not in 2012-13 or 2002-03.

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

Year	Degrees	CIP Sub-Area and Description	
2012-13	1,727	52.02	Business Administration, Management and Operations
	1,473	26.01	Biology, General
	1,388	42.01	Psychology, General
	1,090	09.01	Communication and Media Studies
	952	51.38	Nursing
	936	13.12	Elementary Education
	766	52.08	Finance and Financial Management Services
	701	52.14	Marketing
2007-08	1,539	52.02	Business Administration, Management and Operations
	1,198	42.01	Psychology, General
	1,115	09.01	Communication and Media Studies
	1,076	26.01	Biology, General
	1,019	13.12	Elementary Education
	742	52.14	Marketing
	740	51.38	Nursing
	739	23.01	English Language and Literature
	705	45.10	Political Science and Government
	656	52.08	Finance and Financial Management Services
	655	13.13	Secondary Education
	621	52.03	Accounting and Related Services
	612	54.01	History
	598	45.11	Sociology
	570	50.07	Fine and Studio Arts
2002-03	1,447	52.02	Business Administration, Management and Operations
	1,025	13.12	Elementary Education
	1,019	09.01	Communication and Media Studies
	963	42.01	Psychology, General
	840	26.01	Biology, General
	793	52.14	Marketing
	725	23.01	English Language and Literature
	609	13.13	Secondary Education
	580	52.08	Finance and Financial Management Services
	566	50.07	Fine and Studio Arts
	562	45.10	Political Science and Government
	540	45.11	Sociology

Of the disciplines accounting for at least 2.5 percent of Master's degrees conferred in 2012-13, seven are present in 2012-13, 2007-08, and 2002-03. Those disciplines are; Business Administration, Social Work, Library Science, Business/Commerce, Student Counseling, Clinical Psychology, and Elementary Education. Accounting and Education were common in 2012-13 and 2007-08, but not 2002-03. In 2007-08 and 2002-03, Curriculum and Instruction and Educational Administration were common. Secondary Education was common in 2002-03, but not in 2012-13 or 2007-08.

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

Year	Degrees	CIP Sub-Area and Description	
2012-13	606	52.02	Business Administration, Management and Operations
	364	44.07	Social Work
	332	25.01	Library Science
	329	52.01	Business/Commerce, General
	205	13.11	Student Counseling and Personnel Services
	204	52.03	Accounting and Related Services
	196	42.28	Clinical, Counseling and Applied Psychology
	193	13.12	Elementary Education
	151	13.01	Education
2007-08	519	13.12	Elementary Education
	469	52.02	Business Administration, Management and Operations
	260	25.01	Library Science
	260	44.07	Social Work
	231	42.28	Clinical, Counseling and Applied Psychology
	193	13.11	Student Counseling and Personnel Services
	170	13.01	Education
	154	13.03	Curriculum and Instruction
	146	52.01	Business/Commerce, General
	144	52.03	Accounting and Related Services
	140	13.04	Educational Administration and Supervision
2002-03	591	13.12	Elementary Education
	404	52.02	Business Administration, Management and Operations
	234	13.03	Curriculum and Instruction
	224	13.11	Student Counseling and Personnel Services
	204	44.07	Social Work
	169	42.28	Clinical, Counseling and Applied Psychology
	166	13.13	Secondary Education
	164	25.01	Library Science
	160	52.01	Business/Commerce, General
	127	13.04	Educational Administration and Supervision

The CIP sub-areas in which 2.5 percent of Doctorate – Research/Scholarship degrees were awarded in 2012-13, 2007-08, and 2002-03 are: Chemistry, English Language and Literature, Biochemistry/Biophysics/Molecular Biology, Educational Administration, and Economics. Curriculum and Instruction, Public Health, and Communication and Media Studies were common in 2012-13, but not in 2007-08 or 2002-03. The disciplines common in 2012-13 and 2007-08 but not 2002-03 were History, Clinical/Counseling/Applied Psychology, Computer and Information Sciences, and Mathematics. The discipline of Electrical/Electronics/Communications Engineering was common in 2007-08 and 2002-03, but not in 2012-13. Genetics, Chemical Engineering, and Microbial Sciences and Immunology were common in 2007-08, but not in 2012-13 or 2002-03.

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

Year	Degrees	CIP Sub-Area and Description	
2012-13	54	40.05	Chemistry
	39	23.01	English Language and Literature
	39	26.02	Biochemistry, Biophysics and Molecular Biology
	32	54.01	History
	31	42.28	Clinical, Counseling and Applied Psychology
	30	13.03	Curriculum and Instruction
	26	13.04	Educational Administration and Supervision
	26	51.22	Public Health
	25	45.06	Economics
	24	09.01	Communication and Media Studies
	24	11.01	Computer and Information Sciences
	24	27.01	Mathematics
2007-08	66	26.02	Biochemistry, Biophysics and Molecular Biology
	48	40.05	Chemistry
	33	14.10	Electrical, Electronics and Communications Engineering
	32	23.01	English Language and Literature
	29	11.01	Computer and Information Sciences
	28	27.01	Mathematics
	27	13.04	Educational Administration and Supervision
	26	26.08	Genetics
	26	54.01	History
	23	14.07	Chemical Engineering
	23	45.06	Economics
	22	26.05	Microbiological Sciences and Immunology
	22	42.28	Clinical, Counseling and Applied Psychology
2002-03	43	26.02	Biochemistry, Biophysics and Molecular Biology
	40	40.05	Chemistry
	31	45.06	Economics
	31	23.01	English Language and Literature
	24	13.04	Educational Administration and Supervision
	23	14.10	Electrical, Electronics and Communications Engineering

DEGREES CONFERRED BY GENDER

Women earned 55.8 percent of all degrees conferred in the UW System in 2012-13 (Table 7). This is a decrease of 0.7 percentage points from 56.5 percent in 2008-09. At the Associate level, the percent of degrees conferred earned by women increased from 54.0 percent in the previous year to 57.3 percent. At the Bachelor's level, 55.3 percent of degrees conferred were earned by women, while 58.2 percent of Master's degrees conferred were earned by women. The Doctorate – Research/Scholarship degree level continues to be the only level where men were a slight majority of degree recipients. In 2012-13, 50.6 percent of Doctorate – Research/Scholarship degrees conferred were earned by men. At the Doctorate – Professional Practice level, 56.8 percent of degrees conferred were earned by women.

Table 7
University of Wisconsin System
Trends in Degrees Conferred by Gender and Degree Level
2008-09 to 2012-13

			2008-09		2009-10		2010-11		2011-12		2012-13	
			#	%	#	%	#	%	#	%	#	%
Associate	Women	822	55.7%	857	56.0%	888	52.6%	1085	54.0%	1,060	57.3%	
	Men	655	44.3%	674	44.0%	799	47.4%	926	46.0%	790	42.7%	
	Total	1,477		1,531		1,687		2,011		1,850		
Bachelor's	Women	13,771	56.2%	13,599	54.9%	13,951	54.9%	14,206	54.3%	14,907	55.3%	
	Men	10,744	43.8%	11,167	45.1%	11,449	45.1%	11,972	45.7%	12,032	44.7%	
	Total	24,515		24,766		25,400		26,178		26,939		
Master's	Women	3,317	60.9%	3,321	59.3%	3,505	59.2%	3,338	58.0%	3,409	58.2%	
	Men	2,133	39.1%	2,278	40.7%	2,416	40.8%	2,419	42.0%	2,446	41.8%	
	Total	5,450		5,599		5,921		5,757		5,855		
Doctorate	Rsrch/ Schlrshp	Women	391	42.9%	393	46.5%	406	45.8%	470	48.8%	456	49.4%
		Men	520	57.1%	452	53.5%	480	54.2%	493	51.2%	468	50.6%
		Total	911		845		886		963		924	
	Profess. Practice	Women	384	55.6%	384	54.8%	408	57.1%	473	59.2%	429	56.8%
		Men	307	44.4%	317	45.2%	306	42.9%	326	40.8%	326	43.2%
		Total	691		701		714		799		755	
Total	Women	18,685	56.5%	18,554	55.5%	19,158	55.4%	19,572	54.8%	20,261	55.8%	
	Men	14,359	43.5%	14,888	44.5%	15,450	44.6%	16,136	45.2%	16,062	44.2%	
	Total	33,044		33,442		34,608		35,708		36,323		

DEGREES CONFERRED BY RACE/ETHNICITY

In 2012-13, underrepresented minority (URM) students earned 7.8 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 degrees conferred to all students, 2.3 percent were earned by African American students, 2.9 percent were earned by Hispanic/Latino(a) students, 0.5 percent were earned by American Indian students, 1.4 percent were earned by Southeast Asian students, and 0.8 percent were earned by students of Two or More Races - URM. The number of degrees conferred to underrepresented minority students grew by 38.0 percent (782) since 2008-09, and the proportion of degrees awarded to underrepresented minority students increased from 6.2 percent to 7.8 percent.

Beginning in Fall 2008, students were allowed to specify more than one race/ethnicity. Also, Hawaiian/Pacific Islander was added as a separate race/ethnicity category; prior to 2008, these students were included in the Other Asian American group. Other Asian American students earned 1.9 percent, Hawaiian/Pacific Islanders received 0.1 percent, and students reporting Two or More Races - Non-URM earned 0.4 percent of all degrees in 2012-13. White students received 83.5 percent of all degrees conferred during the 2012-13 academic year, while students for whom race/ethnicity was not reported earned 1.3 percent of degrees conferred. The remaining 5.1 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
2008-09 to 2012-13

		2008-09		2009-10		2010-11		2011-12		2012-13	
		#	%	#	%	#	%	#	%	#	%
Associate	African American	10	0.7%	12	0.8%	11	0.7%	26	1.3%	38	2.1%
	Hispanic/Latino(a)	29	2.0%	27	1.8%	40	2.4%	49	2.4%	66	3.6%
	American Indian	7	0.5%	11	0.7%	9	0.5%	10	0.5%	11	0.6%
	Southeast Asian	29	2.0%	33	2.2%	29	1.7%	45	2.2%	44	2.4%
	Two or More Races - URM*	1	0.1%	9	0.6%	13	0.8%	21	1.0%	15	0.8%
	<i>URM Subtotal</i>	76	5.1%	92	6.0%	102	6.0%	151	7.5%	174	9.4%
	Other Asian American	23	1.6%	16	1.0%	14	0.8%	10	0.5%	13	0.7%
	Hawaiian/Pacific Islander	1	0.1%	1	0.1%	1	0.1%			2	0.1%
	Two or More Races - Non-URM*			3	0.2%	3	0.2%	4	0.2%	6	0.3%
	White	1,355	91.7%	1,399	91.4%	1,545	91.6%	1,816	90.3%	1,643	88.8%
	Unknown	19	1.3%	18	1.2%	18	1.1%	22	1.1%	8	0.4%
	International	3	0.2%	2	0.1%	4	0.2%	8	0.4%	4	0.2%
	Total	1,477		1,531		1,687		2,011		1,850	
Bachelor's	African American	469	1.9%	485	2.0%	509	2.0%	534	2.0%	564	2.1%
	Hispanic/Latino(a)	509	2.1%	549	2.2%	621	2.4%	691	2.6%	778	2.9%
	American Indian	165	0.7%	143	0.6%	132	0.5%	131	0.5%	120	0.4%
	Southeast Asian	309	1.3%	309	1.2%	329	1.3%	351	1.3%	399	1.5%
	Two or More Races - URM*	17	0.1%	45	0.2%	87	0.3%	142	0.5%	222	0.8%
	<i>URM Subtotal</i>	1,469	6.0%	1,531	6.2%	1,678	6.6%	1,849	7.1%	2,083	7.7%
	Other Asian American	494	2.0%	461	1.9%	492	1.9%	465	1.8%	468	1.7%
	Hawaiian/Pacific Islander	2	0.0%	6	0.0%	10	0.0%	14	0.1%	20	0.1%
	Two or More Races - Non-URM*	9	0.0%	30	0.1%	41	0.2%	68	0.3%	103	0.4%
	White	21,634	88.2%	21,780	87.9%	22,184	87.3%	22,643	86.5%	23,143	85.9%
	Unknown	502	2.0%	499	2.0%	478	1.9%	419	1.6%	309	1.1%
	International	405	1.7%	459	1.9%	517	2.0%	720	2.8%	813	3.0%
	Total	24,515		24,766		25,400		26,178		26,939	
Master's	African American	152	2.8%	167	3.0%	147	2.5%	160	2.8%	166	2.8%
	Hispanic/Latino(a)	125	2.3%	113	2.0%	154	2.6%	158	2.7%	159	2.7%
	American Indian	36	0.7%	31	0.6%	29	0.5%	21	0.4%	29	0.5%
	Southeast Asian	34	0.6%	41	0.7%	59	1.0%	50	0.9%	55	0.9%
	Two or More Races - URM*	14	0.3%	26	0.5%	28	0.5%	35	0.6%	38	0.6%
	<i>URM Subtotal</i>	361	6.6%	378	6.8%	417	7.0%	424	7.4%	447	7.6%
	Other Asian American	131	2.4%	107	1.9%	129	2.2%	107	1.9%	134	2.3%
	Hawaiian/Pacific Islander			4	0.1%	1	0.0%	5	0.1%	5	0.1%
	Two or More Races - Non-URM*	11	0.2%	12	0.2%	28	0.5%	22	0.4%	30	0.5%
	White	4,237	77.7%	4,271	76.3%	4,496	75.9%	4,443	77.2%	4,400	75.1%
	Unknown	209	3.8%	179	3.2%	147	2.5%	104	1.8%	84	1.4%
	International	501	9.2%	648	11.6%	703	11.9%	652	11.3%	755	12.9%
	Total	5,450		5,599		5,921		5,757		5,855	

(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.

New race/ethnicity categories were implemented in Fall 2008.

Table 8 – cont.
University of Wisconsin System
Trends in Degrees Conferred by Race/Ethnicity and Degree Level
2008-09 to 2012-13

			2008-09		2009-10		2010-11		2011-12		2012-13	
			#	%	#	%	#	%	#	%	#	%
Doctorate	Rsrch/Schlrshp	African American	30	3.3%	11	1.3%	16	1.8%	25	2.6%	27	2.9%
		Hispanic/Latino(a)	19	2.1%	27	3.2%	22	2.5%	30	3.1%	23	2.5%
		American Indian	3	0.3%	2	0.2%	4	0.5%	6	0.6%	2	0.2%
		Southeast Asian	5	0.5%	4	0.5%	1	0.1%	8	0.8%	6	0.6%
		Two or More Races - URM*					3	0.3%	2	0.2%	3	0.3%
		<i>URM Subtotal</i>	57	6.3%	44	5.2%	46	5.2%	71	7.4%	61	6.6%
		Other Asian American	20	2.2%	25	3.0%	23	2.6%	31	3.2%	23	2.5%
		Hawaiian/Pacific Islander										
		Two or More Races - Non-URM*					1	0.1%	1	0.1%	2	0.2%
		White	486	53.3%	467	55.3%	504	56.9%	531	55.1%	536	58.0%
		Unknown	50	5.5%	51	6.0%	43	4.9%	50	5.2%	37	4.0%
		International	298	32.7%	258	30.5%	269	30.4%	279	29.0%	265	28.7%
		Total	911		845		886		963		924	
	Profess. Practice	African American	39	5.6%	28	4.0%	27	3.8%	26	3.3%	28	3.7%
		Hispanic/Latino(a)	34	4.9%	26	3.7%	26	3.6%	31	3.9%	25	3.3%
		American Indian	12	1.7%	9	1.3%	10	1.4%	5	0.6%	5	0.7%
		Southeast Asian	8	1.2%	12	1.7%	8	1.1%	17	2.1%	7	0.9%
		Two or More Races - URM*			2	0.3%	2	0.3%	1	0.1%	8	1.1%
		<i>URM Subtotal</i>	93	13.5%	77	11.0%	73	10.2%	80	10.0%	73	9.7%
		Other Asian American	40	5.8%	46	6.6%	43	6.0%	47	5.9%	46	6.1%
		Hawaiian/Pacific Islander						1	0.1%	1	0.1%	
		Two or More Races - Non-URM*			2	0.3%	1	0.1%	1	0.1%	4	0.5%
		White	527	76.3%	549	78.3%	571	80.0%	618	77.3%	590	78.1%
		Unknown	26	3.8%	20	2.9%	19	2.7%	39	4.9%	33	4.4%
		International	5	0.7%	7	1.0%	7	1.0%	13	1.6%	8	1.1%
		Total	691		701		714		799		755	
Total	African American	700	2.1%	703	2.1%	710	2.1%	771	2.2%	823	2.3%	
	Hispanic/Latino(a)	716	2.2%	742	2.2%	863	2.5%	959	2.7%	1,051	2.9%	
	American Indian	223	0.7%	196	0.6%	184	0.5%	173	0.5%	167	0.5%	
	Southeast Asian	385	1.2%	399	1.2%	426	1.2%	471	1.3%	511	1.4%	
	Two or More Races - URM*	32	0.1%	82	0.2%	133	0.4%	201	0.6%	286	0.8%	
	<i>URM Subtotal</i>	2,056	6.2%	2,122	6.3%	2,316	6.7%	2,575	7.2%	2,838	7.8%	
	Other Asian American	708	2.1%	655	2.0%	701	2.0%	660	1.8%	684	1.9%	
	Hawaiian/Pacific Islander	3	0.0%	11	0.0%	12	0.0%	20	0.1%	28	0.1%	
	Two or More Races - Non-URM*	20	0.1%	47	0.1%	74	0.2%	96	0.3%	145	0.4%	
	White	28,239	85.5%	28,466	85.1%	29,300	84.7%	30,051	84.2%	30,312	83.5%	
	Unknown	806	2.4%	767	2.3%	705	2.0%	634	1.8%	471	1.3%	
	International	1,212	3.7%	1,374	4.1%	1,500	4.3%	1,672	4.7%	1,845	5.1%	
	Total	33,044		33,442		34,608		35,708		36,323		

* 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.

New race/ethnicity categories were implemented in Fall 2008.

DEGREES CONFERRED IN STEM AND HEALTH AREAS

Degrees conferred in Science, Technology, Engineering, Mathematics (STEM), and Health disciplines receive particular attention due to their high desirability among students and employers. 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), Physical Science (40), Multi/Interdisciplinary Studies (30.27), and Health (51).

UW institutions conferred 7,378 STEM degrees and 3,099 Health degrees at all levels in 2012-13, accounting for 28.8 percent of all degrees. More than one third (34%) of degrees conferred at graduate levels were in STEM or Health disciplines.

Table 9
University of Wisconsin System
2012-13 Degrees Conferred in STEM and Health Areas by Degree Level

		Associate	Bachelor's	Master's	Doctorate		Total
					Rsrch/ Schlrshp	Profess. Practice	
UW-Madison	STEM		2,171	681	380		3,232
	Health		279	217	60	417	973
	All		6,661	2,156	768	672	10,257
UW-Milwaukee	STEM		647	126	47		820
	Health		465	122	16	22	625
	All		3,984	1,471	156	22	5,633
UW-Eau Claire	STEM		269				269
	Health		330	50		9	389
	All	22	2,129	155		9	2,315
UW-Green Bay	STEM		247	11			258
	Health		105				105
	All	11	1,346	45			1,402
UW-La Crosse	STEM		347	22			369
	Health		168	63		44	275
	All	9	1,793	329		44	2,175
UW-Oshkosh	STEM		219	5			224
	Health		286	24		6	316
	All		1,996	278		6	2,280
UW-Parkside	STEM		69	3			72
	Health		27				27
	All		678	45			723
UW-Platteville	STEM		615	35			650
	Health						0
	All	2	1,283	203			1,488
UW-River Falls	STEM		391				391
	Health		31	15			46
	All		1,308	147			1,455
UW-Stevens Point	STEM		519	35			554
	Health		120	30		2	152
	All	24	1,703	108		2	1,837
UW-Stout	STEM		262	42			304
	Health		95	62			157
	All		1,636	334			1,970
UW-Superior	STEM		45				45
	Health						0
	All	5	478	60			543
UW-Whitewater	STEM		190				190
	Health		18	16			34
	All	58	1,944	524			2,526
UW Colleges	All	1,719					1,719
Total	STEM		5,991	960	427		7,378
	Health		1,924	599	76	500	3,099
	All	1,850	26,939	5,855	924	755	36,323

The number of STEM degrees conferred by UW System institutions increased by 1,819 from 2002-03 to 2012-13. In 2012-13, UW Institutions conferred 1,244 more degrees in Health disciplines than in 2002-03. Degrees in STEM fields have increased 32.7% since 2002-03, while degrees in Health Professions have increased 67.1% over the same time period. Combined, degrees in STEM fields and Health professions have increased 41.3% compared to ten years ago.

Table 10
University of Wisconsin System
Trends in Degrees Conferred in STEM and Health Areas
2002-03 to 2012-13

		2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UW-Madison	STEM	9,571	2,759	2,793	2,741	2,935	2,827	2,809	2,842	3,132	3,052	3,232
	Health	864	772	889	850	873	842	976	968	1,031	994	973
	All	9,432	9,571	9,626	9,433	9,563	9,693	9,878	9,832	10,223	10,005	10,257
UW-Milwaukee	STEM	495	596	529	487	520	530	529	621	621	685	820
	Health	198	475	366	373	430	427	513	519	547	586	625
	All	3,319	5,133	4,507	4,614	4,757	4,964	5,104	5,039	5,268	5,799	5,633
UW-Eau Claire	STEM	221	209	221	225	219	192	236	229	245	265	269
	Health	190	194	216	230	252	256	259	282	331	355	389
	All	1,919	1,953	1,994	1,991	2,084	1,999	2,027	2,197	2,198	2,300	2,315
UW-Green Bay	STEM	173	187	189	174	189	206	191	216	197	201	258
	Health	44	47	37	46	48	47	56	53	81	85	105
	All	1,005	967	993	970	1,064	1,047	1,024	1,160	1,214	1,244	1,402
UW-La Crosse	STEM	221	243	216	247	278	313	308	380	351	347	369
	Health	154	145	159	167	215	219	227	238	248	280	275
	All	2,163	2,329	2,082	1,909	2,087	2,134	2,124	2,228	2,130	1,983	2,175
UW-Oshkosh	STEM	140	110	100	143	146	153	154	149	201	195	224
	Health	179	203	218	243	242	241	248	281	273	277	316
	All	1,870	1,934	1,856	2,032	2,062	2,071	2,132	2,180	2,158	2,187	2,280
UW-Parkside	STEM	99	90	75	72	66	84	78	74	111	93	72
	Health						3	8	9	20	20	27
	All	626	653	612	603	622	692	670	620	740	728	723
UW-Platteville	STEM	389	413	427	462	476	482	493	522	588	617	650
	Health											
	All	915	999	1,020	1,077	1,156	1,157	1,199	1,287	1,348	1,399	1,488
UW-River Falls	STEM	285	265	271	240	270	262	286	284	331	364	391
	Health	26	37	34	25	42	37	39	27	32	29	46
	All	1,155	1,165	1,136	1,093	1,275	1,239	1,253	1,212	1,327	1,443	1,455
UW-Stevens Point	STEM	445	497	462	431	470	463	464	469	488	556	554
	Health	84	65	80	92	95	114	113	126	147	163	152
	All	1,648	1,808	1,662	1,684	1,725	1,732	1,762	1,802	1,773	2,008	1,837
UW-Stout	STEM	185	170	159	160	174	209	238	231	280	279	304
	Health	88	110	129	127	132	148	127	127	154	143	157
	All	1,432	1,644	1,618	1,467	1,658	1,754	1,747	1,700	1,841	1,850	1,970
UW-Superior	STEM	39	50	50	39	43	50	41	50	35	41	45
	Health											
	All	493	515	558	504	525	544	517	510	477	575	543
UW-Whitewater	STEM	172	159	160	134	144	132	142	150	153	198	190
	Health	28	28	33	36	33	25	35	36	29	54	34
	All	2,076	2,066	2,094	2,098	2,202	2,107	2,181	2,214	2,298	2,436	2,526
UW Colleges	All	1,184	1,452	1,218	1,228	1,277	1,342	1,426	1,461	1,613	1,751	1,719
Total	STEM	5,559	5,748	5,652	5,555	5,930	5,903	5,969	6,217	6,733	6,893	7,378
	Health	1,855	2,076	2,161	2,189	2,362	2,359	2,601	2,666	2,893	2,986	3,099
	All	29,237	32,189	30,976	30,703	32,057	32,475	33,044	33,442	34,608	35,708	36,323

In 2012-13, female students earned the majority of degrees conferred in Health disciplines both in total (2,471) and by level. Male students earned the majority of degrees conferred at all levels in STEM fields during the same time period (4,584). Among underrepresented minority students, Hispanic/Latino(a) students earned almost two-fifths (38.0%) of STEM degrees.

Table 11
University of Wisconsin System
Degrees Conferred in STEM and Health Areas
by Degree Level, Race/Ethnicity, and Gender
2012-13

			2012-13			Doctorate		Total
			Associate	Bachelor's	Master's	Rsrch/Schlrshp	Profess. Practice	
Race/Ethnicity	African American	STEM		59	14	7		80
		Health		46	13	7	11	77
		All	38	564	166	27	28	823
	Hispanic/ Latino(a)	STEM		132	25	12		169
		Health		41	16	1	7	65
		All	66	778	159	23	25	1,051
	American Indian	STEM		22	5	1		28
		Health		7	2		2	11
		All	11	120	29	2	5	167
	Southeast Asian	STEM		92	14	4		110
		Health		38	5		5	48
		All	44	399	55	6	7	511
	Two or More Races - URM	STEM		51	5	2		58
		Health		14	2		5	21
		All	15	222	38	3	8	286
	URM Subtotal	STEM		356	63	26		445
Health			146	38	8	30	222	
All		174	2,083	447	61	73	2,838	
Other Asian American	STEM		174	29	10		213	
	Health		31	10	3	36	80	
	All	13	468	134	23	46	684	
Hawaiian/Pacific Islander	STEM		4				4	
	Health		1	1		1	3	
	All	2	20	5		1	28	
Two or More Races - Non-URM	STEM		26	8	1		35	
	Health		10	5		2	17	
	All	6	103	30	2	4	145	
White	STEM		5,078	561	221		5,860	
	Health		1,717	517	45	413	2,692	
	All	1,643	23,143	4,400	536	590	30,312	
Unknown	STEM		90	27	13		130	
	Health		10	5	2	15	32	
	All	8	309	84	37	33	471	
International	STEM		263	272	156		691	
	Health		9	23	18	3	53	
	All	4	813	755	265	8	1,845	
Gender	Female	STEM		2,324	314	156		2,794
		Health		1,614	498	45	314	2,471
All		1,060	14,907	3,409	456	429	20,261	
Male	STEM		3,667	646	271		4,584	
	Health		310	101	31	186	628	
	All	790	12,032	2,446	468	326	16,062	
Total		STEM		5,991	960	427		7,378
		Health		1,924	599	76	500	3,099
		All	1,850	26,939	5,855	924	755	36,323

Appendix A
University of Wisconsin System
Degrees Conferred by Institution and Level
2002-03 to 2012-13

		2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UW-Madison	Bachelor's	6,139	6,336	6,316	6,383	6,194	6,376	6,637	6,558	6,650	6,422	6,661
	Master's	2,019	2,022	1,996	1,789	1,944	1,910	1,811	1,919	2,156	2,069	2,156
	Doctorate Rsrch.	656	628	666	648	775	761	786	716	761	813	768
	Doctorate Prof. Pract.	618	585	648	613	650	646	644	639	656	701	672
	Sub-total	9,432	9,571	9,626	9,433	9,563	9,693	9,878	9,832	10,223	10,005	10,257
UW-Milwaukee	Bachelor's	2,298	3,698	3,181	3,227	3,478	3,612	3,617	3,554	3,701	4,170	3,984
	Master's	951	1,360	1,236	1,289	1,178	1,237	1,361	1,340	1,422	1,446	1,471
	Doctorate Rsrch.	70	75	90	98	101	115	125	129	125	150	156
	Doctorate Prof. Pract.							1	16	20	33	22
	Sub-total	3,319	5,133	4,507	4,614	4,757	4,964	5,104	5,039	5,268	5,799	5,633
UW-Eau Claire	Associate	9	5	7	10	9	6	7	8	6	21	22
	Bachelor's	1,786	1,814	1,849	1,851	1,926	1,836	1,876	2,012	2,021	2,090	2,129
	Master's	124	134	138	130	149	157	144	177	171	175	155
	Doctorate Prof. Pract.										14	9
	Sub-total	1,919	1,953	1,994	1,991	2,084	1,999	2,027	2,197	2,198	2,300	2,315
UW-Green Bay	Associate		1				3	4	9	10	20	11
	Bachelors	962	918	937	917	1,006	995	968	1,104	1,141	1,174	1,346
	Masters	43	48	56	53	58	49	52	47	63	50	45
	Sub-total	1,005	967	993	970	1,064	1,047	1,024	1,160	1,214	1,244	1,402
UW-La Crosse	Associate			4					4	3	3	9
	Bachelor's	1,533	1,624	1,533	1,456	1,530	1,523	1,623	1,720	1,653	1,595	1,793
	Master's	630	705	545	453	557	572	458	462	436	342	329
	Doctorate Prof. Pract.						39	43	42	35	43	44
	Sub-total	2,163	2,329	2,082	1,909	2,087	2,134	2,124	2,228	2,130	1,983	2,175
UW-Oshkosh	Associate								5			
	Bachelor's	1,559	1,604	1,553	1,700	1,716	1,787	1,830	1,856	1,876	1,947	1,996
	Master's	311	330	303	332	346	284	302	319	282	236	278
	Doctorate Prof. Pract.										4	6
	Sub-total	1,870	1,934	1,856	2,032	2,062	2,071	2,132	2,180	2,158	2,187	2,280
UW-Parkside	Bachelor's	596	612	581	580	594	656	638	588	703	691	678
	Master's	30	41	31	23	28	36	32	32	37	37	45
	Sub-total	626	653	612	603	622	692	670	620	740	728	723
UW-Platteville	Associate		2		2	3	1	2		1	4	2
	Bachelor's	846	867	870	890	999	956	979	1,070	1,138	1,172	1,283
	Master's	69	130	150	185	154	200	218	217	209	223	203
	Sub-total	915	999	1,020	1,077	1,156	1,157	1,199	1,287	1,348	1,399	1,488
UW-River Falls	Bachelor's	1,045	1,033	1,011	939	1,091	1,079	1,075	1,039	1,137	1,249	1,308
	Master's	110	132	125	154	184	160	178	173	190	194	147
	Sub-total	1,155	1,165	1,136	1,093	1,275	1,239	1,253	1,212	1,327	1,443	1,455
UW-Stevens Point	Associate	19	10	13	16	18	14	19	20	24	167	24
	Bachelor's	1,492	1,643	1,515	1,517	1,587	1,584	1,611	1,657	1,636	1,717	1,703
	Master's	137	155	134	151	120	131	129	121	110	120	108
	Doctorate Prof. Pract.						3	3	4	3	4	2
	Sub-total	1,648	1,808	1,662	1,684	1,725	1,732	1,762	1,802	1,773	2,008	1,837
UW-Stout	Bachelor's	1,200	1,369	1,369	1,255	1,394	1,493	1,483	1,418	1,545	1,543	1,636
	Master's	232	275	249	212	264	261	264	282	296	307	334
	Sub-total	1,432	1,644	1,618	1,467	1,658	1,754	1,747	1,700	1,841	1,850	1,970
UW-Superior	Associate	12	6	9	11	5	6	10	9	14	18	5
	Bachelor's	369	395	449	408	441	468	438	432	391	490	478
	Master's	112	114	100	85	79	70	69	69	72	67	60
	Sub-total	493	515	558	504	525	544	517	510	477	575	543
UW-Whitewater	Associate	11	11	6	5	8	16	9	15	16	27	58
	Bachelor's	1,685	1,649	1,708	1,708	1,820	1,712	1,740	1,758	1,805	1,918	1,944
	Master's	380	406	380	385	374	379	432	441	477	491	524
	Sub-total	2,076	2,066	2,094	2,098	2,202	2,107	2,181	2,214	2,298	2,436	2,526
UW Colleges	Associate	1,184	1,452	1,218	1,228	1,277	1,342	1,426	1,461	1,613	1,751	1,719
Total	Associate	1,235	1,487	1,257	1,272	1,320	1,388	1,477	1,531	1,687	2,011	1,850
	Bachelor's	21,510	23,562	22,872	22,831	23,776	24,077	24,515	24,766	25,400	26,178	26,939
	Master's	5,148	5,852	5,443	5,241	5,435	5,446	5,450	5,599	5,921	5,757	5,855
	Doctorate Rsrch.	726	703	756	746	876	876	911	845	886	963	924
	Doctorate Prof. Pract.	618	585	648	613	650	688	691	701	714	799	755
	Total	29,237	32,189	30,976	30,703	32,057	32,475	33,044	33,442	34,608	35,708	36,323