

# ACADEMIC PROGRAMS AND DEGREES CONFERRED

Degrees and certificates awarded by George Mason University are authorized by the State Council of Higher Education for Virginia and accredited by the Commission on Colleges of the Southern Association of Colleges and Schools.\* The University confers degrees at the Baccalaureate, Master's, Doctoral, and Professional levels. The University offers no certificate program below the Baccalaureate level; some Post-Baccalaureate certificates, however, may be awarded concurrently with the Baccalaureate degree.

The University offers a total of 177 programs of study. This includes 71 undergraduate programs, 74 master's programs, 31 doctoral programs and one first professional degree. For a detailed listing, please see Table 6.4.

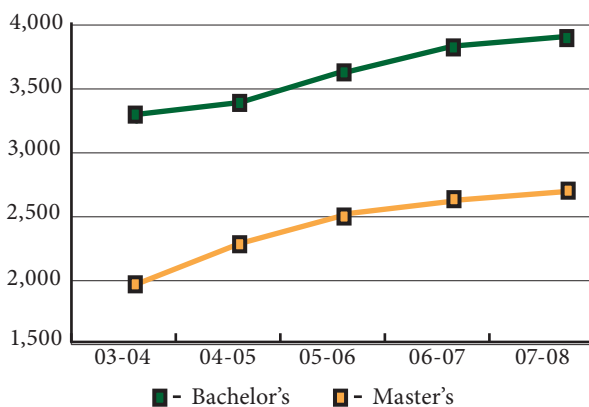
During the 2007-2008 academic year, Mason granted 7,125 degrees. Of the degrees granted, 32.1% were awarded by the College of Humanities and Social Sciences, 16.5% by the College of Education and Human Development, 13.4% by the School of Management and 13.2% by the Volgenau School of Information Technology and Engineering (Table 6.2).

**TABLE 6.1 Trends in Degrees Conferred**

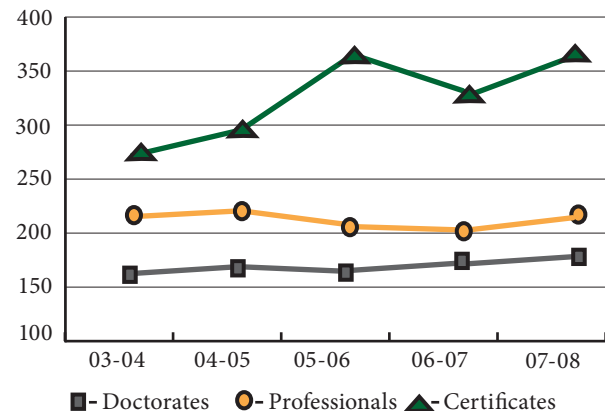
	2003-04	2004-05	2005-06	2006-07	2007-08	Changes from '06-'07 to '07-'08	
						Degrees Conferred	%
Bachelor's	3,323	3,415	3,655	3,715	3,809	94	2.5
Master's	1,947	2,262	2,483	2,543	2,549	6	0.2
Doctorate**	161	167	163	181	189	8	4.4
Professional	214	219	207	206	216	10	4.9
Certificates	273	296	359	339	362	23	6.8
<b>Total</b>	<b>5,918</b>	<b>6,359</b>	<b>6,867</b>	<b>6,984</b>	<b>7,125</b>	<b>141</b>	<b>2.0</b>

\*\* Includes a Professional Doctorate degree.

**Fig. 6.1 Degrees Conferred Trends-  
Bachelor's & Master's**



**Fig. 6.2 Degrees Conferred Trends-  
Doctorates, Professionals & Certificates**



\* George Mason University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of George Mason University. The university is also a member of the Council of Graduate Schools in the United States. Some programs are accredited by specialty accrediting bodies.

**TABLE 6.2 Degrees and Certificates Conferred by Academic Division, Academic Year 2007-08**

	Bachelor's	Master's	Doctorate	First Professional	Certificate	Other**	Total	% of Total Univ.	% of Total in 2007
CEHD	116	898	26	0	138	0	1,178	16.5	16.7
CHHS	266	132	13	0	19	0	430	6.0	6.2
CHSS	1,751	442	47	0	45	0	2,285	32.1	31.4
COS	298	87	49	0	18	0	452	6.3	6.8
CVPA	229	45	0	0	2	0	276	3.9	3.7
ICAR	16	36	13	0	16	0	81	1.1	1.2
LAW	0	6	0	216	0	0	222	3.1	3.1
SOM	749	189	0	0	17	0	955	13.4	13.1
SPP	0	289	12	0	7	0	308	4.3	4.2
VSITE	384	425	27	0	100	2	938	13.2	13.9
<b>University Total*</b>	<b>3,809</b>	<b>2,549</b>	<b>187</b>	<b>216</b>	<b>362</b>	<b>2</b>	<b>7,125</b>	<b>100%</b>	<b>100%</b>

\* Percentages may not add up to total due to rounding.

\*\* Professional Doctorate

List of Abbreviations:

CEHD: College of Education and Human Development

CHHS: College of Health & Human Services

CHSS: College of Humanities and Social Sciences

COS: College of Science

CVPA: College of Visual and Performing Arts

ICAR: Institute for Conflict Analysis & Resolution

LAW: School of Law

SOM: School of Management

SPP: School of Public Policy

VSITE: Volgenau School of Information Technology and Engineering

**Fig. 6.3 Degrees and Certificates Conferred by Academic Unit**

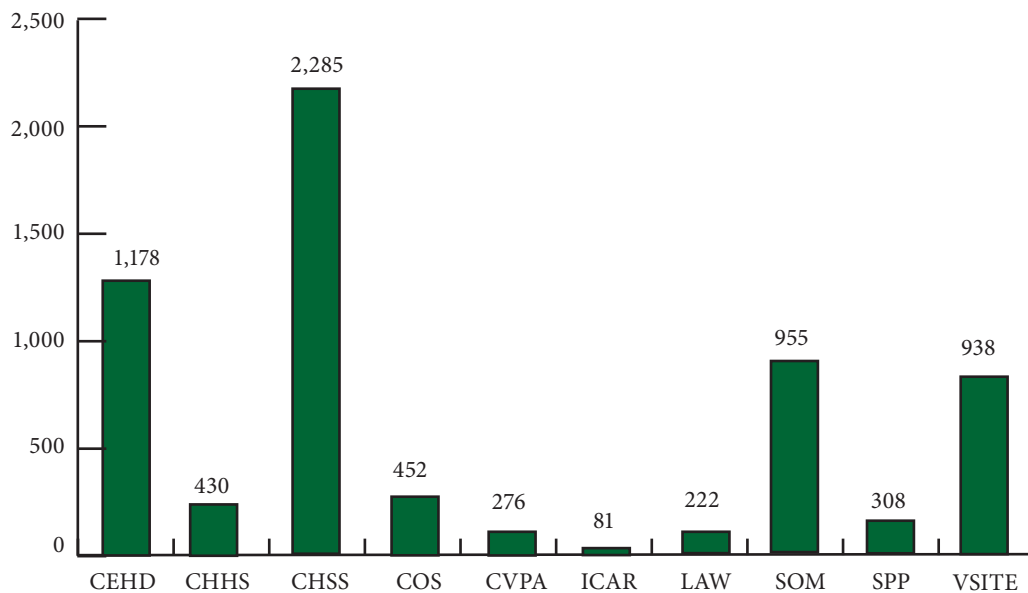


TABLE 6.3 Degrees and Certificates Awarded by Gender and Ethnicity, Academic Year 2007-08

	Gender				Ethnicity							
	Total	Female	Male	Not Reported	Amer. Indian	Asian	Black	Hispanic	White	NRA	Not Reported	
<b>BACHELOR DEGREES:</b>												
<b>College of Education and Human Development (CEHD)</b>												
Athletic Training, B.S.	3	2	1	0	0	0	1	1	1	0	0	
Health, Fitness & Recreation Resources, B.S.	94	55	39	0	0	7	4	7	65	2	9	
Physical Education, B.S.E.D.	19	8	11	0	0	0	0	0	17	0	2	
<b>Total</b>	<b>116</b>	<b>65</b>	<b>51</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>5</b>	<b>8</b>	<b>83</b>	<b>2</b>	<b>11</b>	
<b>College of Health &amp; Human Services (CHHS)</b>												
Health Science, B.S.	63	52	11	0	0	7	8	3	24	5	16	
Nursing, B.S.N.	183	159	22	2	1	15	27	3	89	9	39	
Social Work, B.S.	20	18	2	0	0	0	5	1	12	0	2	
<b>Total</b>	<b>266</b>	<b>229</b>	<b>35</b>	<b>2</b>	<b>1</b>	<b>22</b>	<b>40</b>	<b>7</b>	<b>125</b>	<b>14</b>	<b>57</b>	
<b>College of Humanities and Social Sciences (CHSS)</b>												
Administration of Justice, B.S.	160	76	84	0	1	11	16	16	100	0	16	
Anthropology, B.A.	33	24	9	0	0	5	0	2	22	0	4	
Art (History), B.A.	17	17	0	0	0	0	0	1	13	0	3	
Communication, B.A.	212	138	73	1	3	12	22	20	113	8	34	
Economics, B.A.	31	11	20	0	0	4	0	1	13	5	8	
Economics, B.S.	66	12	51	3	0	14	4	4	35	4	5	
English, B.A.	161	109	52	0	0	13	9	2	113	0	24	
Foreign Languages, B.A.	29	26	3	0	0	3	1	11	11	1	2	
Global Affairs, B.A.	79	53	26	0	0	11	4	11	33	8	12	
Government & International Politics, B.A.	231	115	116	0	1	25	18	20	124	3	40	
History, B.A.	112	60	52	0	0	4	7	6	76	1	18	
Individualized Study, B.I.S.	77	47	29	1	0	1	10	9	44	2	11	
Integrative Studies, B.A.	120	93	27	0	0	16	17	3	64	2	18	
Integrative Studies, B.S.	10	5	5	0	0	0	0	3	6	0	1	
Latin American Studies, B.A.	1	0	1	0	0	0	0	0	1	0	0	
Philosophy, B.A.	11	1	10	0	0	1	0	2	5	0	3	
Psychology, B.A.	166	138	25	3	1	19	11	27	81	3	24	
Psychology, B.S.	144	112	32	0	0	12	9	4	103	0	16	
Public Administration, B.S.	27	15	12	0	0	6	0	3	15	0	3	
Religious Studies, B.A.	5	4	1	0	0	1	0	0	0	0	4	
Russian Studies, B.A.	8	4	4	0	0	0	0	0	4	0	4	
Sociology, B.A.	51	41	9	1	0	7	2	5	29	1	7	
<b>Total</b>	<b>1,751</b>	<b>1,101</b>	<b>641</b>	<b>9</b>	<b>6</b>	<b>165</b>	<b>130</b>	<b>150</b>	<b>1,005</b>	<b>38</b>	<b>257</b>	
<b>College of Science (COS)</b>												
Astronomy, B.A.	1	0	1	0	0	0	0	0	1	0	0	
Astronomy, B.S.	1	0	1	0	0	0	0	0	1	0	0	
Biology, B.A.	28	17	11	0	0	8	3	1	12	2	2	
Biology, B.S.	161	100	61	0	0	52	6	5	52	6	40	
Chemistry, B.A.	7	3	4	0	0	4	2	0	0	0	1	
Chemistry, B.S.	27	14	13	0	0	8	1	0	8	3	7	
Earth Science, B.S.	11	8	3	0	0	2	0	1	7	0	1	
Geography, B.A.	10	2	8	0	0	0	1	0	7	0	2	
Geography, B.S.	7	4	3	0	0	0	0	0	6	0	1	
Geology, B.A.	2	2	0	0	0	0	0	0	2	0	0	
Mathematics, B.A.	8	3	5	0	0	3	0	0	4	0	1	
Mathematics, B.S.	23	6	17	0	0	5	1	0	13	1	3	
Medical Technology, B.S.	8	5	3	0	0	4	1	1	0	2	0	
Physics, B.S.	4	3	1	0	0	0	0	0	2	1	1	
<b>Total</b>	<b>298</b>	<b>167</b>	<b>131</b>	<b>0</b>	<b>0</b>	<b>86</b>	<b>15</b>	<b>8</b>	<b>115</b>	<b>15</b>	<b>59</b>	

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**TABLE 6.3 Degrees and Certificates Awarded by Gender and Ethnicity, Academic Year 2007-08 (Continued)**

	Gender				Ethnicity						
	Total	Female	Male	Not Re-ported	Amer. Indian	Asian	Black	Hispanic	White	NRA	Not Re-ported
<b>College of Visual and Performing Arts (CVPA)</b>											
Art and Visual Technology, B.A.	105	61	44	0	0	22	4	4	52	4	19
Art and Visual Technology, B.F.A.	37	24	13	0	0	3	2	3	24	1	4
Dance, B.A.	5	5	0	0	0	0	0	0	5	0	0
Dance, B.F.A.	14	12	2	0	0	0	2	0	12	0	0
Film and Video Studies, B.A.	4	1	3	0	0	1	0	1	2	0	0
Music, B.A.	17	12	5	0	0	4	1	0	10	0	2
Music, B.M.	29	19	10	0	0	1	1	0	25	0	2
Theater, B.A.	18	13	5	0	0	1	2	0	14	0	1
<b>Total</b>	<b>229</b>	<b>147</b>	<b>82</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>12</b>	<b>8</b>	<b>144</b>	<b>5</b>	<b>28</b>
<b>School of Management (SOM)</b>											
Accounting, B.S.	200	114	85	1	0	56	11	23	56	21	33
Business Administration, B.S.	1	0	1	0	0	1	0	0	0	0	0
Decision Science and MIS, B.S.	56	22	34	0	0	25	5	3	14	2	7
Finance, B.S.	169	68	101	0	1	44	6	15	57	20	26
Information Systems & Ops Mgmt, B.S.	13	8	5	0	0	6	0	1	4	1	1
Management, B.S.	189	102	87	0	2	30	14	17	80	10	36
Marketing, B.S.	121	71	49	1	0	21	9	5	59	7	20
<b>Total</b>	<b>749</b>	<b>385</b>	<b>362</b>	<b>2</b>	<b>3</b>	<b>183</b>	<b>45</b>	<b>64</b>	<b>270</b>	<b>61</b>	<b>123</b>
<b>Volgenau School of Information Technology and Engineering (VSITE)</b>											
Civil and Infrastructure Engineering, B.S.	35	7	28	0	0	10	1	5	15	0	4
Computer Engineering, B.S.	15	2	13	0	0	5	0	0	8	2	0
Computer Science, B.S.	67	10	57	0	0	16	1	4	28	10	8
Electrical Engineering, B.S.	59	10	49	0	0	19	6	6	12	8	8
Information Technology, B.S.	189	20	169	0	0	52	18	9	79	6	25
Systems Engineering, B.S.	19	3	16	0	0	2	4	3	6	2	2
<b>Total</b>	<b>384</b>	<b>52</b>	<b>332</b>	<b>0</b>	<b>0</b>	<b>104</b>	<b>30</b>	<b>27</b>	<b>148</b>	<b>28</b>	<b>47</b>
<b>Institute for Conflict Analysis &amp; Resolution (ICAR)</b>											
Conflict Analysis and Resolution, B.A.	13	11	2	0	0	1	2	2	6	0	2
Conflict Analysis and Resolution, B.S.	3	2	1	0	0	0	0	0	2	0	1
<b>Total</b>	<b>16</b>	<b>13</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>3</b>
<b>MASTER DEGREES:</b>											
<b>College of Education and Human Development (CEHD)</b>											
Counseling and Development, M.Ed.	51	44	7	0	0	1	6	5	36	2	1
Curriculum and Instruction, M.Ed.	362	300	61	1	1	17	11	16	270	16	31
Education Leadership, M.Ed.	95	52	42	1	0	2	24	1	67	1	0
Exercise, Fitness & Health Promo, M.S.	9	7	2	0	0	0	0	0	9	0	0
New Professional Studies, M.A.	135	116	19	0	0	5	12	3	109	1	5
Special Education, M.Ed.	246	210	36	0	1	7	26	4	192	2	14
<b>Total</b>	<b>898</b>	<b>729</b>	<b>167</b>	<b>2</b>	<b>2</b>	<b>32</b>	<b>79</b>	<b>29</b>	<b>683</b>	<b>22</b>	<b>51</b>
<b>College of Health &amp; Human Services (CHHS)</b>											
Advanced Clinical Nursing, M.S.N.	7	5	2	0	0	0	2	0	2	1	2
Clinical Nurse Leader, M.S.N.	2	2	0	0	0	0	0	0	1	0	1
Epidemiology and Biostatistics, M.S.	1	1	0	0	0	1	0	0	0	0	0
Health Science, M.S.	18	13	5	0	0	5	6	2	3	0	2
Health Systems Management, M.S.	19	11	8	0	0	4	5	1	4	2	3
Nurse Educator, M.S.N.	9	9	0	0	0	0	1	0	8	0	0

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TABLE 6.3 Degrees and Certificates Awarded by Gender and Ethnicity, Academic Year 2007-08 (Continued)

	Gender				Ethnicity						
	Total	Female	Male	Not Reported	Amer. Indian	Asian	Black	Hispanic	White	NRA	Not Reported
<b>College of Health &amp; Human Services (Continued)</b>											
Nurse Practitioner, M.S.N.	26	25	1	0	0	1	3	2	19	0	1
Nursing, M.S.N.	2	2	0	0	0	1	0	0	1	0	0
Nursing Administration, M.S.N.	25	24	1	0	0	0	8	0	16	1	0
Social Work, M.S.W.	23	22	1	0	0	2	3	1	13	0	4
<b>Total</b>	<b>132</b>	<b>114</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>28</b>	<b>6</b>	<b>67</b>	<b>4</b>	<b>13</b>
<b>College of Humanities and Social Sciences (CHSS)</b>											
Anthropology, M.A.	3	1	2	0	0	0	0	1	2	0	0
Art History, M.A.	4	3	1	0	0	0	0	0	2	0	2
Biodefense, M.S.	10	4	6	0	0	2	0	0	7	0	1
Communication, M.A.	9	5	4	0	0	0	0	0	5	4	0
Creative Writing, M.F.A.	30	16	14	0	0	2	2	1	22	0	3
Economics, M.A.	40	11	29	0	0	2	0	1	26	7	4
English, M.A.	44	33	10	1	0	2	2	1	36	0	3
English (Linguistics), M.A.	17	13	4	0	0	1	2	1	8	1	4
Foreign Languages, M.A.	15	15	0	0	0	1	1	2	7	3	1
History, M.A.	56	22	34	0	0	1	2	0	44	3	6
Interdisciplinary Studies, (Individualized), M.A.I.S.	21	14	7	0	0	1	2	2	15	0	1
Justice, Law, and Crime Policy, M.A.	2	1	1	0	0	0	0	0	2	0	0
Philosophy, M.A.	6	2	4	0	0	0	0	2	4	0	0
Political Science, M.A.	29	11	18	0	1	1	0	1	20	3	3
Psychology, M.A.	53	38	15	0	0	2	0	3	43	5	0
Public Administration, M.P.A.	99	66	32	1	0	9	8	5	66	2	9
Sociology, M.A.	4	3	1	0	0	0	0	0	3	0	1
<b>Total</b>	<b>442</b>	<b>258</b>	<b>182</b>	<b>2</b>	<b>1</b>	<b>24</b>	<b>19</b>	<b>20</b>	<b>312</b>	<b>28</b>	<b>38</b>
<b>College of Science (COS)</b>											
Applied and Engineering Physics, M.S.	9	4	5	0	0	1	0	0	5	2	1
Biodefense, M.S.	12	3	8	1	0	2	0	1	8	0	1
Bioinformatics, M.S.	14	8	6	0	0	1	0	0	3	10	0
Biology, M.S.	2	1	1	0	0	0	0	0	2	0	0
Chemistry, M.S.	2	0	2	0	0	0	1	0	0	1	0
Computational Science, M.S.	8	0	8	0	0	1	0	0	3	4	0
Earth Systems Science, M.S.	5	1	4	0	0	0	0	0	5	0	0
Environmental Science and Policy, M.S.	15	10	5	0	0	1	0	0	12	2	0
Geographic & Cartographic Sciences, M.S.	15	6	9	0	0	1	0	1	10	0	3
Mathematics, M.S.	5	4	1	0	0	0	0	0	4	1	0
<b>Total</b>	<b>87</b>	<b>37</b>	<b>49</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>52</b>	<b>20</b>	<b>5</b>
<b>College of Visual and Performing Arts (CVPA)</b>											
Art Education, M.A.T.	6	4	2	0	0	1	0	0	5	0	0
Art and Visual Technology, M.A.	2	1	1	0	0	1	0	0	1	0	0
Art and Visual Technology, M.F.A.	2	2	0	0	0	0	0	0	1	1	0
Arts Management, M.A.	15	12	3	0	0	1	0	1	9	1	3
Music, M.M.	20	13	7	0	0	2	3	0	13	0	2
<b>Total</b>	<b>45</b>	<b>32</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>29</b>	<b>2</b>	<b>5</b>
<b>School of Law (LAW)</b>											
Intellectual Property, LL.M.	2	1	1	0	0	0	0	0	0	2	0
Law and Economics, LL.M.	4	1	3	0	0	0	0	0	3	1	0
<b>Total</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>

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**TABLE 6.3 Degrees and Certificates Awarded by Gender and Ethnicity, Academic Year 2007-08 (Continued)**

	Gender				Ethnicity						
	Total	Female	Male	Not Reported	Amer. Indian	Asian	Black	Hispanic	White	NRA	Not Reported
<b>School of Management (SOM)</b>											
Accounting, M.S.	3	1	2	0	0	0	0	0	2	1	0
Bioscience Management, M.S.	7	5	2	0	0	0	0	0	7	0	0
Business Administration, M.B.A.	109	40	69	0	0	12	6	2	68	15	6
Executive Business Administration, M.B.A.	27	7	20	0	0	3	2	0	10	1	11
Technology Management, M.S.	43	11	31	1	0	9	4	2	23	1	4
<b>Total</b>	<b>189</b>	<b>64</b>	<b>124</b>	<b>1</b>	<b>0</b>	<b>24</b>	<b>12</b>	<b>4</b>	<b>110</b>	<b>18</b>	<b>21</b>
<b>School of Public Policy (SPP)</b>											
International Commerce and Policy, M.A.	104	49	54	1	0	10	3	10	54	17	10
New Professional Studies, M.S.	65	43	22	0	0	2	12	2	41	1	7
Public Policy, M.P.P.	105	56	49	0	0	7	7	3	77	6	5
Telecommunications, M.A.	1	0	1	0	0	1	0	0	0	0	0
Transportation Policy, Operations, & Logistics, M.A.	14	6	8	0	0	0	1	0	13	0	0
<b>Total</b>	<b>289</b>	<b>154</b>	<b>134</b>	<b>1</b>	<b>0</b>	<b>20</b>	<b>23</b>	<b>15</b>	<b>185</b>	<b>24</b>	<b>22</b>
<b>Volgenau School of Information Technology and Engineering (VSITE)</b>											
Civil and Infrastructure Engineering, M.S.	11	5	6	0	0	3	0	1	5	2	0
Computer Engineering, M.S.	15	1	14	0	0	1	1	0	8	4	1
Computer Science, M.S.	54	11	43	0	0	9	0	0	25	15	5
E-commerce, M.S.	5	0	5	0	0	3	0	0	1	1	0
Electrical Engineering, M.S.	29	5	24	0	0	4	0	1	6	17	1
Information Security and Assurance, M.S.	27	4	23	0	0	4	5	0	12	4	2
Information Systems, M.S.	77	30	47	0	0	13	1	1	6	53	3
Operations Research, M.S.	15	3	12	0	0	1	0	0	12	1	1
Software Engineering, M.S.	62	15	47	0	0	14	2	1	27	15	3
Statistical Science, M.S.	15	7	8	0	0	3	2	1	2	7	0
Systems Engineering, M.S.	25	4	21	0	0	5	1	2	15	0	2
Telecommunications, M.S.	90	9	81	0	0	13	5	0	30	35	7
<b>Total</b>	<b>425</b>	<b>94</b>	<b>331</b>	<b>0</b>	<b>0</b>	<b>73</b>	<b>17</b>	<b>7</b>	<b>149</b>	<b>154</b>	<b>25</b>
<b>Institute for Conflict Analysis &amp; Resolution (ICAR)</b>											
Conflict Analysis and Resolution, M.S.	36	24	12	0	0	0	5	0	20	4	7
<b>DOCTORAL DEGREES:</b>											
<b>College of Education and Human Development (CEHD)</b>											
Education, Ph.D.	26	23	3	0	0	3	4	0	16	3	0
<b>College of Health &amp; Human Services (CHHS)</b>											
Nursing, Ph.D.	13	12	1	0	0	1	1	1	8	2	0
<b>College of Humanities and Social Sciences (CHSS)</b>											
Community College Education, D.A.	11	8	3	0	0	0	2	0	9	0	0
Economics, Ph.D.	18	2	16	0	0	2	0	0	10	2	4
History, Ph.D.	2	1	1	0	0	0	0	0	2	0	0
Psychology, Ph.D.	15	9	6	0	0	0	0	2	13	0	0
Public Administration, D.P.A.	1	0	1	0	0	0	0	0	0	1	0
<b>Total</b>	<b>47</b>	<b>20</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>34</b>	<b>3</b>	<b>4</b>
<b>College of Science (COS)</b>											
Biodefense, Ph.D.	11	7	4	0	0	0	1	0	8	0	2
Bioinformatics, Ph.D.	4	2	2	0	0	2	1	0	0	1	0
Biosciences, Ph.D.	3	1	2	0	0	0	0	0	3	0	0
Climate Dynamics, Ph.D.	1	0	1	0	0	0	0	0	0	1	0

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TABLE 6.3 Degrees and Certificates Awarded by Gender and Ethnicity, Academic Year 2007-08 (Continued)

	Gender				Ethnicity						
	Total	Female	Male	Not Reported	Amer. Indian	Asian	Black	Hispanic	White	NRA	Not Reported
<b>College of Science (Continued)</b>											
Computational Sci & Informatics, Ph.D.	13	4	9	0	0	1	0	0	4	8	0
Earth Systems & Geoinfmtn Science, Ph.D.	3	2	1	0	0	0	0	0	0	3	0
Environmental Science and Public Policy, Ph.D.	12	6	6	0	0	2	0	2	6	2	0
Neuroscience, Ph.D.	1	0	1	0	0	0	0	0	1	0	0
Physical Sciences, Ph.D.	1	1	0	0	0	0	0	0	1	0	0
<b>Total</b>	<b>49</b>	<b>23</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>23</b>	<b>15</b>	<b>2</b>
<b>School of Law (LAW)</b>											
Law, J.D.	204	90	114	0	2	16	4	12	167	3	0
Law (Corporate & Securities), J.D.	1	1	0	0	0	0	0	0	1	0	0
Law (Intellectual Property), J.D.	8	1	7	0	0	1	1	2	4	0	0
Law (International Business), J.D.	3	2	1	0	0	1	0	0	2	0	0
<b>Total</b>	<b>216</b>	<b>94</b>	<b>122</b>	<b>0</b>	<b>2</b>	<b>18</b>	<b>5</b>	<b>14</b>	<b>174</b>	<b>3</b>	<b>0</b>
<b>School of Public Policy (SPP)</b>											
Public Policy, Ph.D.	12	4	8	0	0	2	1	0	7	2	0
<b>Volgenau School of Information Technology and Engineering (VSITE)</b>											
Computer Science, Ph.D.	3	0	3	0	0	0	0	0	1	2	0
Electrical and Computer Engineering, Ph.D.	5	1	4	0	0	1	0	0	1	3	0
Information Technology, ENGR	2	1	1	0	0	0	0	0	1	1	0
Information Technology, Ph.D.	19	7	12	0	0	3	0	0	3	11	2
<b>Total</b>	<b>29</b>	<b>9</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>17</b>	<b>2</b>
<b>Institute for Conflict Analysis &amp; Resolution (ICAR)</b>											
Conflict Analysis and Resolution, Ph.D.	13	8	5	0	0	1	1	0	8	3	0
<b>CERTIFICATES:</b>											
<b>College of Education and Human Development (CEHD)</b>											
ASTL - Alternative Education, CERG	2	2	0	0	0	0	0	0	2	0	0
ASTL - Literacy/Reading, CERG	5	5	0	0	0	0	0	0	5	0	0
Applied Behavior Analysis, CERG	12	11	1	0	0	0	1	2	7	0	2
Curriculum and Instruction (Eng Sec Lang), CERG	1	1	0	0	0	1	0	0	0	0	0
Early Childhood Special Education, CERG	2	2	0	0	0	0	0	0	1	0	1
Emotional Disturb/Learn Disabil, CERG	76	64	12	0	0	3	6	0	62	1	4
Fast Train Special Educ, CERG	3	3	0	0	0	1	0	0	1	1	0
IT - Assistive Technology, CERG	1	0	1	0	0	0	0	0	0	1	0
IT - Integration of Tech in Schools, CERG	1	1	0	0	0	0	0	0	1	0	0
IT - eLearning, CERG	9	8	1	0	0	3	2	1	3	0	0
LD/ED/MR, CERG	12	11	1	0	0	0	0	0	10	0	2
Post-Masters Counseling Licensure, CERG	3	3	0	0	0	0	1	0	2	0	0
Secondary Education Licensure, CERG	2	1	1	0	0	0	0	0	2	0	0
Severe Disabilities, CERG	9	8	1	0	0	0	0	0	8	0	1
<b>Total</b>	<b>138</b>	<b>120</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>10</b>	<b>3</b>	<b>104</b>	<b>3</b>	<b>10</b>
<b>College of Health &amp; Human Services (CHHS)</b>											
Assisted Living Administration, CERG	3	3	0	0	0	0	0	0	2	0	1
Epidemiology, CERG	2	1	1	0	0	0	0	1	0	1	0
Health Information Systems, CERG	1	1	0	0	0	0	1	0	0	0	0
International Nursing, CERG	1	1	0	0	0	0	0	0	1	0	0

**TABLE 6.3 Degrees and Certificates Awarded by Gender and Ethnicity, Academic Year 2007-08 (Continued)**

	Gender				Ethnicity						
	Total	Female	Male	Not Reported	Amer. Indian	Asian	Black	Hispanic	White	NRA	Not Reported
<b>College of Health &amp; Human Services (Continued)</b>											
Nursing Education, CERG	6	5	1	0	0	1	2	0	2	1	0
Nutrition, CERB	2	2	0	0	0	0	0	0	2	0	0
Quality Improvement/Outcomes Mgt HCS, CERG	4	1	3	0	0	0	1	0	0	3	0
<b>Total</b>	<b>19</b>	<b>14</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>7</b>	<b>5</b>	<b>1</b>
<b>College of Humanities and Social Sciences (CHSS)</b>											
Advanced Graduate Studies School Psychology, CERM	8	8	0	0	0	0	0	0	8	0	0
Association Management, CERG	2	2	0	0	0	0	0	0	1	0	1
Community College Education, CERG	4	1	3	0	0	0	1	0	3	0	0
Economic Systems Design, CERG	4	0	4	0	0	0	0	0	3	0	1
Leadership Studies, CERB	3	2	1	0	0	0	1	0	2	0	0
Microbial Biodefense, CERG	1	1	0	0	0	0	0	0	1	0	0
Nonprofit Management, CERG	5	2	3	0	0	0	0	0	4	0	1
Professional Writing & Editing, CERG	1	1	0	0	0	0	0	0	1	0	0
Teaching English as Second Language, CERG	15	12	3	0	0	2	1	1	10	0	1
Women's Studies, CERG	2	2	0	0	0	0	0	0	1	1	0
<b>Total</b>	<b>45</b>	<b>31</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>34</b>	<b>1</b>	<b>4</b>
<b>College of Science (COS)</b>											
Actuarial Sciences, CERG	1	0	1	0	0	1	0	0	0	0	0
Bioinformatics, CERG	1	0	1	0	0	0	0	0	1	0	0
Computational Social Science, CERG	1	1	0	0	0	0	0	0	1	0	0
Computational Tec & Applicat, CERG	1	0	1	0	0	0	0	0	1	0	0
Environmental Management, CERB	2	1	1	0	0	1	0	0	1	0	0
Environmental Management, CERG	1	1	0	0	0	0	0	0	1	0	0
Geographic Information Science, CERG	7	2	5	0	0	0	0	0	4	2	1
Nanotechnology & Nanoscience, CERG	3	1	2	0	0	0	1	0	1	1	0
Remote Sensing & Image Processing, CERG	1	0	1	0	0	0	0	0	0	1	0
<b>Total</b>	<b>18</b>	<b>6</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>4</b>	<b>1</b>
<b>School of Management (SOM)</b>											
Accounting, CERB	17	10	7	0	0	4	1	2	7	1	2
<b>School of Public Policy (SPP)</b>											
Culture and Values in Social Policy, CERG	1	1	0	0	0	0	0	0	1	0	0
International Market Analysis, CERG	2	0	2	0	0	1	0	0	1	0	0
Intl E-Commerce and Telecom Policy, CERG	1	1	0	0	0	0	0	0	1	0	0
National Security and Public Policy, CERG	2	0	2	0	0	0	0	0	1	0	1
Transportation and Logistics Policy, CERG	1	1	0	0	0	0	1	0	0	0	0
<b>Total</b>	<b>7</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>1</b>
<b>Volgenau School of Information Technology and Engineering (VSITE)</b>											
Adv Networking Protocols-TCOM, CERG	19	1	18	0	0	1	1	0	4	12	1
Architecture-Based Systems Integration, CERG	1	1	0	0	0	1	0	0	0	0	0
Civil and Infrastructure Engineering, CERG	1	0	1	0	0	0	0	0	1	0	0
Cmdnd, Cntrl, Comm & Intlg Syst Engr, CERG	1	0	1	0	0	0	0	0	1	0	0
Computer Networking, CERG	1	0	1	0	0	0	1	0	0	0	0
E-commerce, CERG	1	0	1	0	0	0	1	0	0	0	0
Information Engineering, CERG	3	1	2	0	0	2	0	0	0	1	0

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TABLE 6.3 Degrees and Certificates Awarded by Gender and Ethnicity, Academic Year 2007-08 (Continued)

	Gender				Ethnicity							
	Total	Female	Male	Not Reported	Amer. Indian	Asian	Black	Hispanic	White	NRA	Not Reported	
<b>Volgenau School of Information Technology and Engineering (Continued)</b>												
Information Security and Assurance, CERG	3	0	3	0	0	1	1	0	1	0	0	
Information Systems Security, CERG	2	1	1	0	0	0	0	0	2	0	0	
Information Technology, CERB	1	1	0	0	0	0	1	0	0	0	0	
Intelligent Agents, CERG	3	0	3	0	0	0	0	0	3	0	0	
Military Operations Research, CERG	3	0	3	0	0	0	0	0	3	0	0	
Network Technologies and Applications, CERG	19	3	16	0	0	2	3	0	3	10	1	
Signal Processing, CERG	1	0	1	0	0	0	0	0	1	0	0	
Software Engineering, CERG	6	2	4	0	0	0	0	0	2	3	1	
TCOM Forensics and Security, CERG	15	1	14	0	0	6	0	0	6	1	2	
Telecommunications Systems Modeling, CERG	1	1	0	0	0	0	0	0	0	0	1	
Web-based Software Engineering, CERG	7	1	6	0	0	2	0	0	3	1	1	
Wireless Communications, CERG	12	1	11	0	0	0	0	0	6	5	1	
<b>Total</b>	<b>100</b>	<b>14</b>	<b>86</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>8</b>	<b>0</b>	<b>36</b>	<b>33</b>	<b>8</b>	
<b>Institute for Conflict Analysis &amp; Resolution (ICAR)</b>												
Advanced Skills, CERG	5	3	2	0	0	0	0	0	2	3	0	
Collaborative Ldrshp in Com Pl, CERG	2	2	0	0	0	0	0	1	1	0	0	
Prevention, Recon, & Stabiliza, CERG	5	2	3	0	0	0	2	0	2	1	0	
World Religions, Diplomacy & Conflict Resolution, CERG	4	2	2	0	0	0	0	0	3	0	1	
<b>Total</b>	<b>16</b>	<b>9</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>8</b>	<b>4</b>	<b>1</b>	
<b>UNIVERSITY TOTAL</b>	<b>7,125</b>	<b>4,068</b>	<b>3,037</b>	<b>20</b>	<b>15</b>	<b>869</b>	<b>512</b>	<b>385</b>	<b>3,994</b>	<b>542</b>	<b>808</b>	

**TABLE 6.4 Degrees Offered, Classification of Instructional Program (CIP) Code and Year Initiated, Academic Year 2008-09**

<b>Degrees</b>	<b>CIP Code</b>	<b>Year Initiated</b>
<b>BACHELOR DEGREES:</b>		
<b>College of Education and Human Development</b>		
Athletic Training, B.S.	51.0913	2002
Health, Fitness and Recreation Resources, B.S.	13.1307	1994
Physical Education, B.S.Ed.	13.1314	1972
Tourism and Event Management, B.S.	36.0199	2008
<b>College of Health &amp; Human Services</b>		
Community Health, B.S.	51.2208	2008
Health Science, B.S.	51.9999	1998
Nursing, B.S.N.	51.1601	1974
Social Work, B.S.	44.0701	1971
<b>College of Humanities and Social Sciences</b>		
Administration of Justice, B.S.	43.0107	1971
Anthropology, B.A.	45.0201	1981
Art History, B.A.	50.0701	1974
Communication, B.A.	23.1001	1980
Economics, B.A.	45.0601	1969
Economics, B.S.	45.0601	1969
English, B.A.	23.0101	1966
Foreign Languages, B.A.	16.0101	1990
Global Affairs, B.A.	45.0901	2003
Government and International Politics, B.A.	45.1099	1971
History, B.A.	54.0101	1966
Individualized Study, B.I.S.	24.0101	1975
Integrative Studies, B.A.	24.0199	1995
Integrative Studies, B.S.	24.0199	1995
Latin American Studies, B.A.	5.0107	2005
Neuroscience, B.S.	30.2401	2006
Philosophy, B.A.	38.0101	1971
Psychology, B.A.	42.0101	1969
Psychology, B.S.	42.0101	1969
Public Administration, B.S.	44.0401	1973
Religious Studies, B.A.	38.0201	2001
Russian Studies, B.A.	5.0199	1979
Sociology, B.A.	45.1101	1970
<b>School of Management</b>		
Accounting, B.S.	52.0301	1980
Information Systems & Operations Management, B.S.	52.1399	1980
Finance, B.S.	52.0801	1980
Management, B.S.	52.0201	1980
Marketing, B.S.	52.1401	1980
<b>College of Science</b>		
Astronomy, B.A.	40.0201	2002
Astronomy, B.S.	40.0201	2002
Biology, B.A.	26.0101	1966
Biology, B.S.	26.0101	1966
Chemistry, B.A.	40.0501	1967
Chemistry, B.S.	40.0501	1967
Computational and Data Sciences, B.S.	30.0801	2007
Earth Science, B.S.	40.0601	2002

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**TABLE 6.4 Degrees Offered, Classification of Instructional Program (CIP) Code and Year Initiated, Academic Year 2008-09 (Continued)**

<b>Degrees</b>	<b>CIP Code</b>	<b>Year Initiated</b>
Geography, B.A.	45.0701	1975
Geography, B.S.	45.0701	1998
Geology, B.A.	40.0601	1989
Geology, B.S.	40.0601	1989
Global and Environmental Change, B.S.	40.9999	2007
Mathematics, B.A.	27.0101	1967
Mathematics, B.S.	27.0101	1967
Medical Technology, B.S.	51.1005	1975
Physics, B.S.	40.0801	1968
<b>College of Visual and Performing Arts</b>		
Art and Visual Technology, B.A.	50.0101	2001
Art and Visual Technology, B.F.A.	50.0101	2001
Dance, B.A.	50.0301	1986
Dance, B.F.A.	50.0301	1988
Film and Video Studies, B.A.	50.0602	2007
Music, B.A.	50.0903	1972
Music, B.M.	50.0903	1972
Theater, B.A.	50.0501	1975
<b>The Volgenau School of Information Technology and Engineering</b>		
Applied Computer Science, B.S.	11.0199	2006
Civil and Infrastructure Engineering, B.S.	14.0899	2000
Computer Engineering, B.S.	14.0901	1998
Computer Science, B.S.	11.0101	1980
Electrical Engineering, B.S.	14.1001	1981
Electronics and Communications Engineering, B.S.	14.0101	2006
Information Technology, B.S.	14.9999	2002
Systems Engineering, B.S.	14.2701	1987
<b>Institute for Conflict Analysis and Resolution</b>		
Conflict Analysis and Resolution, B.A.	30.0501	2004
Conflict Analysis and Resolution, B.S.	30.0501	2004
<b>MASTER'S DEGREES:</b>		
<b>College of Education and Human Development</b>		
Counseling and Development, M.Ed.	13.1101	1972
Curriculum and Instruction, M.Ed.	13.0301	1989
Education Leadership, M.Ed.	13.0401	1972
Educational Psychology, M.S.	42.1801	2008
Exercise, Fitness and Health Promotion, M.S.	13.1314	1982
Professional Studies: Teaching, M.A.	30.9998	1999
Special Education, M.Ed.	13.1001	1975
<b>College of Health and Human Services</b>		
Epidemiology and Biostatistics, M.S.	26.1309	2006
Global Health, M.S.	51.2210	2008
Health Science, M.S.	51.9999	2003
Health Systems Management, M.S.	51.0701	1999
Nursing, M.S.N.	51.1601	1979
Nursing, M.S.N./M.B.A.	51.1601	1979
Social Work, M.S.W.	44.0701	2002
<b>College of Humanities and Social Sciences</b>		
Anthropology, M.A.	45.0201	2007

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**TABLE 6.4 Degrees Offered, Classification of Instructional Program (CIP) Code and Year Initiated, Academic Year 2008-09 (Continued)**

<b>Degrees</b>	<b>CIP Code</b>	<b>Year Initiated</b>
Art History, M.A.	50.0703	2006
Biodefense, M.S.	30.0101	2003
Communication, M.A.	9.0101	2001
Creative Writing, M.F.A.	23.0501	1980
Economics, M.A.	45.0601	1973
English, M.A.	23.0801	1973
Foreign Languages, M.A.	16.0101	1981
History, M.A.	54.0101	1971
Interdisciplinary Studies, M.A.I.S.	30.9999	1982
Justice, Law, and Crime Policy, M.A.	43.0103	2005
Philosophy, M.A.	38.0101	2005
Political Science, M.A.	45.1001	2003
Psychology, M.A.	42.0101	1972
Public Administration, M.P.A.	44.0401	1976
Sociology, M.A.	45.1101	1982
<b>School of Law</b>		
Intellectual Property Law, LL.M.	22.0299	2002
Law and Economics, LL.M.	22.9999	2002
<b>School of Management</b>		
Accounting, M.S.	52.0301	1985
Bioscience Management, M.S.	52.9999	2003
Business Administration, M.B.A.	52.0201	1972
Executive Business Administration, M.B.A.	52.0201	1991
Technology Management, M.S.	52.0299	1997
<b>The School of Public Policy</b>		
Enterprise Engineering and Policy, M.S.	30.9999	2001
International Commerce and Policy, M.A.	45.0901	1990
Professional Studies, M.A.	30.9998	2002
Professional Studies, M.S.	30.9998	2000
Public Policy, M.P.P.	44.0501	2002
Telecommunications, M.A.	9.9999	1990
Transportation Policy, Operations and Logistics, M.A.	44.9999	2002
<b>College of Science</b>		
Applied and Engineering Physics, M.S.	40.0899	1982
Biodefense, M.S.	30.0101	2003
Bioinformatics and Computational Biology, M.S.	26.1101	1999
Bioinformatics Management, M.S.	26.1199	2007
Biology, M.S.	26.0101	1970
Chemistry, M.S.	40.0501	1988
Computational Science, M.S.	30.0801	2002
Earth Systems Science, M.S.	40.0601	2002
Environmental Science and Policy, M.S.	26.9999	2002
Geographic and Cartographic Sciences, M.S.	45.0701	1979
Mathematics, M.S.	27.0101	1970
<b>College of Visual and Performing Arts</b>		
Arts Education, M.A.T.	50.0701	2005
Art and Visual Technology, M.A.	50.0101	2001
Art and Visual Technology, M.F.A.	50.0101	2001
Arts Management, M.A.	50.0704	2004

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**TABLE 6.4 Degrees Offered, Classification of Instructional Program (CIP) Code and Year Initiated, Academic Year 2008-09 (Continued)**

<b>Degrees</b>	<b>CIP Code</b>	<b>Year Initiated</b>
Music, M.M.	50.0901	2002
Dance, M.F.A.	50.0301	2002
<b>The Volgenau School of Information Technology and Engineering</b>		
Applied Information Technology, M.S.	11.0103	2008
Civil, Environmental and Infrastructure Engineering, M.S.	14.0899	2000
Computer Engineering, M.S.	14.0901	1999
Computer Science, M.S.	11.0101	1982
E-commerce, M.S.	30.1501	2001
Electrical Engineering, M.S.	14.1001	1982
Information Security and Assurance, M.S.	11.0401	2003
Information Systems, M.S.	11.0401	1982
Operations Research, M.S.	14.3501	1982
Software Systems Engineering, M.S.	14.2799	1989
Statistical Science, M.S.	27.0501	1989
Systems Engineering, M.S.	14.2701	1984
Telecommunications, M.S.	9.9999	2000
<b>Institute for Conflict Analysis and Resolution</b>		
Conflict Analysis & Resolution, M.S.	30.0501	1982
<b>DOCTORAL DEGREES:</b>		
<b>College of Education and Human Development</b>		
Education, Ph.D.	13.0101	1980
<b>College of Health and Human Services</b>		
Nursing, Ph.D.	51.1601	1993
<b>College of Humanities and Social Sciences</b>		
Biodefense, Ph.D.	30.0101	2003
Communication, Ph.D.	9.0905	2007
Community College Education, D.A.	13.1299	1990
Cultural Studies, Ph.D.	24.0103	1994
Economics, Ph.D.	45.0601	1982
History, Ph.D.	54.0101	2001
Justice, Law, and Crime Policy, Ph.D.	43.0103	2005
Political Science, Ph.D.	45.1001	2006
Psychology, Ph.D.	42.0101	1990
Sociology, Ph.D.	45.1101	2008
<b>The School of Public Policy</b>		
Public Policy, Ph.D.	44.0501	1991
<b>College of Science</b>		
Biodefense, Ph.D.	30.0101	2003
Bioinformatics and Computational Biology, Ph.D.	26.1101	2002
Biosciences, Ph.D.	30.0101	2002
Climate Dynamics, Ph.D.	40.0401	2003
Computational Sciences and Informatics, Ph.D.	30.0801	1992
Computational Social Science, Ph.D.	30.1501	2004
Earth Systems and Geoinformation Sciences, Ph.D.	40.0601	2005
Environmental Science and Public Policy, Ph.D.	26.9999	1982
Mathematics, Ph.D.	27.0101	2005
Neuroscience, Ph.D.	30.2401	2004
Physical Sciences, Ph.D.	40.0101	2004
Physics, Ph.D.	40.0801	2008

*(Continues on next page)*

**TABLE 6.4 Degrees Offered, Classification of Instructional Program (CIP) Code and Year Initiated, Academic Year 2008-09 (Continued)**

<b>Degrees</b>	<b>CIP Code</b>	<b>Year Initiated</b>
<b>The Volgenau School of Information Technology and Engineering</b>		
Computer Science, Ph.D.	11.0101	1999
Electrical and Computer Engineering, Ph.D.	14.1001	2000
Information Technology, ENGR	14.0901	2002
Information Technology, Ph.D.	14.9999	1985
Statistical Science, Ph.D.	27.0599	2007
Systems Engineering & Operations Research, Ph.D.	14.2701	2009
<b>Institute for Conflict Analysis and Resolution</b>		
Conflict Analysis and Resolution, Ph.D.	30.0501	1988
<b>FIRST PROFESSIONAL DEGREE:</b>		
<b>School of Law</b>		
Law, J.D.	22.0101	1979

**TOTAL UNIVERSITY DEGREE PROGRAMS OFFERED**

<b>Bachelor's:</b>	<b>71</b>
<b>Master's:</b>	<b>74</b>
<b>Doctoral:</b>	<b>31</b>
<b>First Professional:</b>	<b>1</b>
<b>Total:</b>	<b>177</b>

*Note: This total reflects only current degree programs accepting new students.*

## INSTITUTIONAL ACCREDITATION

George Mason University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of George Mason University.

The university is also a member of the Council of Graduate Schools in the United States. Some programs are accredited by special accrediting bodies.

## PROFESSIONAL ACCREDITATION

### COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT

(Unit Accreditation at the Initial and Advanced Levels)

*National Council for Accreditation of Teacher Education*

#### **School of Recreation, Health and Tourism**

(Athletic Training Program)

*Commission on Accreditation of Athletic Training Education*

(Parks, Recreation, and Leisure Studies Program)

*Council on Accreditation, National Recreation and Park Association*

### COLLEGE OF HEALTH AND HUMAN SERVICES

#### **School of Nursing**

(All programs)

*Commission on Collegiate Nursing Education*

#### **Department of Social Work**

(B.S.W. and M.S.W.)

*Council on Social Work Education*

### COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

#### **Public and International Affairs Department**

(Master's of Public Administration Program)

*National Association of Schools of Public Affairs and Administration*

#### **Psychology Department**

(Doctoral Clinical Program)

*American Psychological Association*

(Master's in Psychology, Concentration in School Psychology)

*National Association of School Psychologists*

### COLLEGE OF SCIENCE

#### **Chemistry Department**

(B.S. in Chemistry)

*American Chemical Society*

### COLLEGE OF VISUAL AND PERFORMING ARTS

(Art Education Program)

*National Council for Accreditation of Teacher Education*

(Arts Management Program)

*Association of Arts Administration Educators*

#### **Music Department**

*National Association of Schools of Music*

(Music Education for Bachelor's of Music Degree)

*National Council for Accreditation of Teacher Education*

### SCHOOL OF LAW

*American Bar Association*

### SCHOOL OF MANAGEMENT

(All programs in Business; all programs in Accounting)

*AACSB International - The Association to Advance Collegiate Schools of Business*

### THE VOLGENAU SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING

(B.S. Applied Computer Science; B.S. Computer Science; B.S. Electrical Engineering; B.S. Civil and Infrastructure Engineering; B.S. Systems Engineering;

B.S. Computer Engineering)

*Accreditation Board for Engineering and Technology*

**OTHER ACCREDITATION (SPECIALIZED STATE ACCREDITATION)**

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**COLLEGE OF EDUCATION AND HUMAN  
DEVELOPMENT**  
(Teacher Education Programs)  
Virginia Department of Education

**COLLEGE OF HEALTH AND HUMAN  
SERVICES**  
**School of Nursing**  
Virginia State Board of Nursing

**CONSORTIUM OF UNIVERSITIES OF THE WASHINGTON METROPOLITAN AREA**

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George Mason University is a member of the Consortium of Universities of the Washington Metropolitan area. Fully participating consortium members are American University, Corcoran College of Art and Design, Gallaudet University, George Mason University, Georgetown University, Howard University, Marymount University, Southeastern University, The Catholic University of America, The George Washington University, The University of Maryland-College Park, Trinity College, and The University of The District of Columbia.

Eligible students have the opportunity to benefit from the academic offerings of member institutions and to enroll for courses at any of the participating institutions. Further information can be found at:  
[www.consortium.org](http://www.consortium.org).

## INSTITUTIONAL ASSESSMENT

### I. REPORT FROM THE BEGINNING COLLEGE SURVEY OF STUDENT ENGAGEMENT (BCSSE), 2008

The Beginning College Survey of Student Engagement (BCSSE) is a new national survey developed by the Center for Postsecondary Research, Indiana University. BCSSE collects data from the entering freshman class about their high school academic and co-curricular experiences, as well as their expectations for college. Mason participated in BCSSE in the summer of 2008. Among the 2,558 first-time freshmen enrolled to Mason, 1,513 completed the survey for a response rate of 59%. About 70% of the respondents did the survey before attending orientation. The following are some findings from the survey.

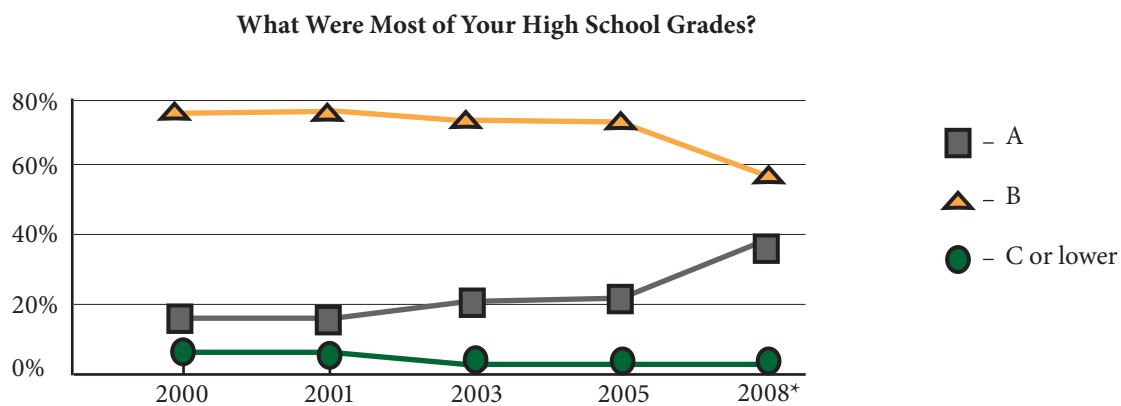
#### Demographic Characteristics

Sixty-one percent of the survey respondents were female and 51% were white. About 7% of the survey respondents were self-identified as international or foreign national students. Almost all of them graduated from high school in 2008 and planned to enroll full-time at Mason.

#### Academic Background

The percentage of Mason freshmen who had mostly As in high school has doubled over the past eight years. In 2000, the figure was 19%; and in 2008, it was 39%. The percentages of 'B' and 'C' average students dropped significantly – in 2008, the figures were 60% and 1% respectively.

Fig. 6.4 Self-Reported Average High School Grades



\* The 2008 data were collected from BCSSE and the prior years' data were from the CIRP Freshman Survey. The questions from the two surveys are comparable.

One out of five respondents took five or more Advanced Placement (AP) classes during high school and 39% reported taking at least five honors classes (not AP). About 84% of the respondents passed a pre-calculus/trigonometry class, 31% earned a passing grade in a calculus class and 34% in a probability or statistics class in high school.

Table 6.5 Advanced Placement (AP) and Honors Classes Completed during High School

	Advanced Placement Classes	Honors Classes (not AP)
5 or more classes	21%	39%
3-4 classes	25%	18%
1-2 classes	34%	24%
none	20%	19%

**Table 6.6 Taking Advanced Math Classes in High School**

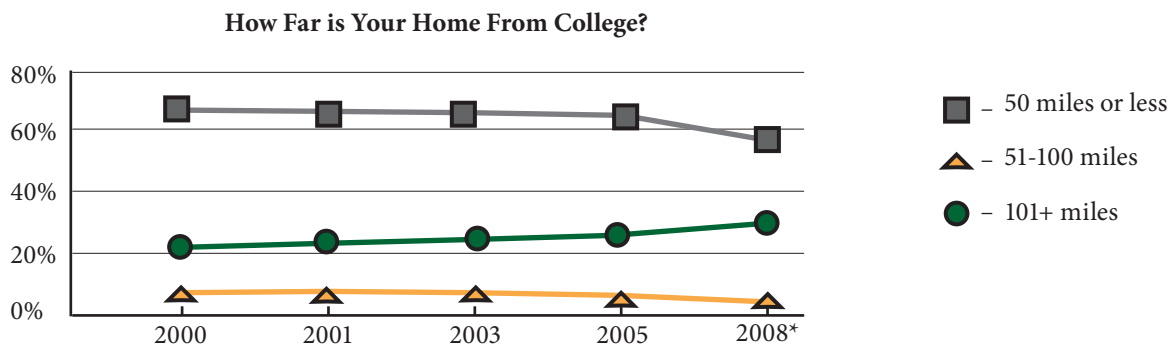
	Passed	Did not Pass	Did not Take
Pre-calculus/Trigonometry	84%	0%	16%
Calculus	31%	1%	67%
Probability or Statistics	34%	0%	66%

Note: Percentages may not add up to total due to rounding.

**Family Background**

More than half of the respondents (57%) were from the local area – their homes were within 50 miles of the university. The percentage of “out-of-town” students has been increasing consistently over the past eight years. In 2000, 23% came from a place more than 100 miles away from Mason, compared to 35% in 2008.

**Fig. 6.5 Distance between Mason and Student Home**



\* The 2008 data were collected from BCSSE and the prior years' data were from the CIRP Freshman Survey. The questions from the two surveys are comparable.

About 30% of the survey respondents said neither of their parents or guardian graduated with a 4-year college degree. Forty-six percent expected their parents to pay for all or nearly all of their first-year’s expenses (i.e., tuition, fees, books, room & board). Nine percent of the respondents received enough scholarships and grants to cover all or nearly all of their expenses, 9% relied almost entirely on student loans; and another 5% expected to pay all or nearly all expenses by themselves through working or from savings.

**Table 6.7 Sources of College Funding for the First-Year**

About how much of your college expenses this year will be provided by each of the following sources?	None	Less than Half	Half or More	All or Nearly All
Scholarships and Grants	42%	34%	14%	9%
Student Loans	44%	29%	18%	9%
Parents/Family	12%	20%	23%	46%
Self (work on-campus or off-campus, savings)	30%	53%	12%	5%

Note: Percentages may not add up to total due to rounding.

**II. REPORT FROM THE 2007-08 GRADUATING SENIOR SURVEY**

All graduating seniors at Mason are given an opportunity to complete a graduating senior survey at the time they file for graduation. In Summer and Fall 2007 and Spring 2008, 2,648 seniors completed the survey for a response rate of 71%. Among the respondents, 42% started college at Mason and 58% were transfer students. Results on three topics of the 2008 survey are presented in the following section. For complete reports on graduating senior surveys of the current and previous years, please visit the following website: <http://assessment.gmu.edu/Results/GraduatingSenior/senior.html>.

### **Faculty in the Major**

More than 90% of respondents said the faculty in their major “always” or “usually” encourage them to be actively involved in learning and set high expectations for their learning. Over 80% felt the faculty “always” or “usually” encourage learning through cooperative activities among students and give prompt feedback on their academic performance. Over two thirds (68%) thought that faculty usually encourage student-faculty interaction out of class.

**Table 6.8 Student Perception of Faculty in the Major**

<b>How often did Mason Faculty in your Major:</b>	<b>Always</b>	<b>Usually</b>	<b>Seldom</b>	<b>Never</b>
Encourage you to be actively involved in learning	43%	49%	7%	0%
Set high expectations for your learning	39%	54%	6%	0%
Encourage learning through cooperative activities among students	31%	53%	15%	1%
Give prompt feedback on your academic performance	28%	61%	11%	1%
Encourage student-faculty interaction out of class	25%	43%	28%	3%

*Note: Percentages may not add up to total due to rounding.*

### **Courses in the Major Emphasizing Critical Thinking**

In previous exit surveys, students were asked to rate either how much Mason contributed to their critical thinking skills or how competent they were in critical thinking. The 2008 survey further specified critical thinking skills in seven areas and asked the respondent to rate the extent to which the courses in their major emphasized each of the areas. Overall, three out of four respondents felt the courses in their major emphasized each area of critical thinking either “very much” or “quite a bit.” Forty percent of the students said the courses emphasized synthesizing information from different sources “very much.” Two areas, including alternative points of view and thoroughly considering limitations of conclusions and methods, were rated relatively lower among the seven areas, but 32-36% of the students still selected “very much.”

**Table 6.9 Courses in the Major Emphasizing Critical Thinking**

<b>To what Extent did the Courses in your Major Emphasize each of the following:</b>	<b>Very Much</b>	<b>Quite a Bit</b>	<b>Some</b>	<b>Very Little/ Never</b>	<b>Mean*</b>
Synthesizing information from different sources	40%	42%	17%	2%	3.20
Judging the quality and relevance of sources and materials	38%	44%	17%	2%	3.18
Using criteria to judge the value and quality of ideas	37%	44%	17%	2%	3.15
Applying concepts learned in class to new situations	37%	41%	20%	2%	3.13
Breaking down information to identify assumptions and relationships	35%	44%	18%	2%	3.13
Including alternative points of view	36%	38%	23%	3%	3.08
Thoroughly considering limitations of conclusions and methods	32%	44%	21%	2%	3.06

*\* Mean values were calculated on a 1-4 scale: 4=very much and 1=very little/never.*

*Note: Percentages may not add up to total due to rounding.*

## **Exposure to Diversity**

Mason has a very diverse student population. Students report that they often interact with students from a different race/ethnicity, different religious background, or with different political opinions than their own. The 2008 exit survey further asked the students where they were exposed to information about the history, culture, and/or social issues of racial and ethnic groups other than their own. Two thirds of the respondents felt they got “very much” or “quite a bit” of exposure in informal interactions and conversations with other students and in course readings, lectures and discussions; another 25% felt they got “some” exposure. About 80% of the respondents thought they at least got “some” exposure in informal interactions and conversations with faculty and/or staff. A large percent of the respondents checked “not applicable” for two items: in activities and programs in residence halls and in other Mason programs and activities. The figures were 40% and 23%, respectively. Many of these students were transfer students. For those who selected other options for these two items, about 70-80% said they got at least some exposure.

**Table 6.10 Exposure to Information about the History, Culture, and/or Social Issues of Racial and Ethnic Groups Other than their Own\***

<b>In each of these settings, to what extent have you been exposed to information about the history, culture and/or social issues of racial and ethnic groups other than your own?</b>	<b>Very Much</b>	<b>Quite a Bit</b>	<b>Some</b>	<b>Very Little/ Never</b>	<b>Mean*</b>
In informal interactions and conversations with other students	36%	33%	24%	7%	2.97
In course readings, lectures, and discussions	33%	33%	26%	7%	2.93
In informal interactions and conversations with faculty and/or staff	23%	26%	32%	20%	2.51
In other Mason programs and activities	21%	27%	32%	20%	2.50
In activities and programs in the residence halls	19%	23%	28%	31%	2.29

\*The survey includes a “not applicable” option. The percentages were calculated excluding the NA option. Mean values were calculated on a 1-4 scale: 4=very much and 1=very little/never.

Note: Percentages may not add up to total due to rounding.

## **III. STUDENT COMPETENCIES**

In 2007-08, the State Council of Higher Education for Virginia (SCHEV) changed its competency assessment guidelines. Although the six competency areas remain the same, institutions are now required to conduct value-added assessment that “indicate progress, or lack thereof, as a consequence of the student’s institutional experience” (Guidelines for Assessment of Student Learning, p. 7). In the past year, two value-added assessments were conducted, in quantitative reasoning and scientific reasoning; assessment methods were re-visited and re-designed for written communication and information technology; new assessment methods for critical thinking and oral communication were explored. Summaries of assessment proposals and processes are provided below and the full reports are available at <https://assessment.gmu.edu/Results/GraduatingSenior/senior.html>

### **Quantitative Reasoning**

Quantitative reasoning has four learning goals for Mason students:

1. Students are able to interpret quantitative information (i.e., formulas, graphs, tables, models, and schematics) and draw inferences from them.
2. Given a quantitative problem, students are able to formulate the problem quantitatively and use appropriate arithmetical, algebraic, and/or statistical methods to solve the problem.
3. Students are able to evaluate logical arguments using quantitative reasoning.
4. Students are able to communicate and present quantitative results effectively.

Under each learning goal, faculty teaching Math 106 and Statistics 250 further defined course-specific learning objectives which align with the subject matter and the quantitative reasoning skills emphasized in these courses. Two separate tests were developed and embedded in class in a pre-and-post format in Fall 2007 and Spring 2008. The pre-test was given to students at the beginning of the semester which served as a baseline of student competence. A post-test was either embedded in the final exam (for Math 106) or given as the last quiz of the course (for STAT 250).

## **Scientific Reasoning**

Scientific Reasoning is defined as the following learning outcomes:

1. Students will demonstrate that they understand the ways of scientific knowing, including inductive and deductive, empirical and theoretical.
2. Students will demonstrate the ability to develop and test a hypothesis.
3. Students will demonstrate the ability to read and interpret data.
4. Students will demonstrate the ability to interpret both primary and secondary sources.
5. Students will demonstrate their knowledge of both quantitative and qualitative methods.
6. Students will demonstrate an awareness of both the power of the scientific process and its limitations.
7. Students will demonstrate an awareness of communication as an integral part of the scientific way of knowing, both between and among scientists, and between scientists and the rest of society.
8. Students will demonstrate the ability to understand and value the role of science in both personal and public/societal decision-making.

A general scientific reasoning test was developed by the Scientific Reasoning Committee and piloted in the past two years. In Fall 2007, over 2,100 students enrolled in seven introductory science courses participated in the pre-test. An equivalent version of the test was given in the second course of the same sequence at the end of Spring 2008 and about 1,000 students participated. The data have been analyzed and shared among the committee members.

## **Information Technology**

Significant changes were made to information technology assessment in the past year. In addition to computer literacy, information literacy and ethics are now included in the assessment. Two rubrics, one for information literacy and one for computer literacy, are being used by IT 103 faculty to rate research papers and websites created by students. A pre-and-post test on a variety of topics (including ethics) was piloted in the course as well. New information technology learning outcomes will soon be finalized.

## **Written Communication**

Written communication assessment will still be embedded in writing intensive courses offered in the major and the assessment will be conducted unit by unit in the same process already established at Mason. Students who successfully complete one or more writing-intensive courses in their major will be able to:

- analyze and synthesize course content using methods appropriate to the major;
- make reasoned, well-organized arguments with introductions, thesis statements, supporting evidence, and conclusions appropriate to the major;
- use credible evidence, to include, as applicable, data from credible primary and/or secondary sources, integrated and documented accurately according to styles preferred in the major;
- employ rhetorical strategies suited to the purpose(s) and audience(s) for the writing, to include appropriate vocabulary, voice, tone, and level of formality;
- produce writing that employs the organizational techniques, formats, and genres (print and/or digital) typical in the major and/or workplace;
- produce writing that demonstrates proficiency in standard edited American English, including correct grammar/syntax, sentence structure, word choice, and punctuation.

In order to test students' baseline writing competence, a pre-assessment was embedded in ENGL 100/101 in Fall 2008. In addition to discipline/course-specific writing rubrics, a Definition of Overall Competence in Written Communication was specified by composition faculty. It specifies four levels of competence: not competent college-level writing, emerging college-level writing competence, competent college-level writing, and highly competent college-level writing. It will be used for both English 100/101 and writing intensive courses.