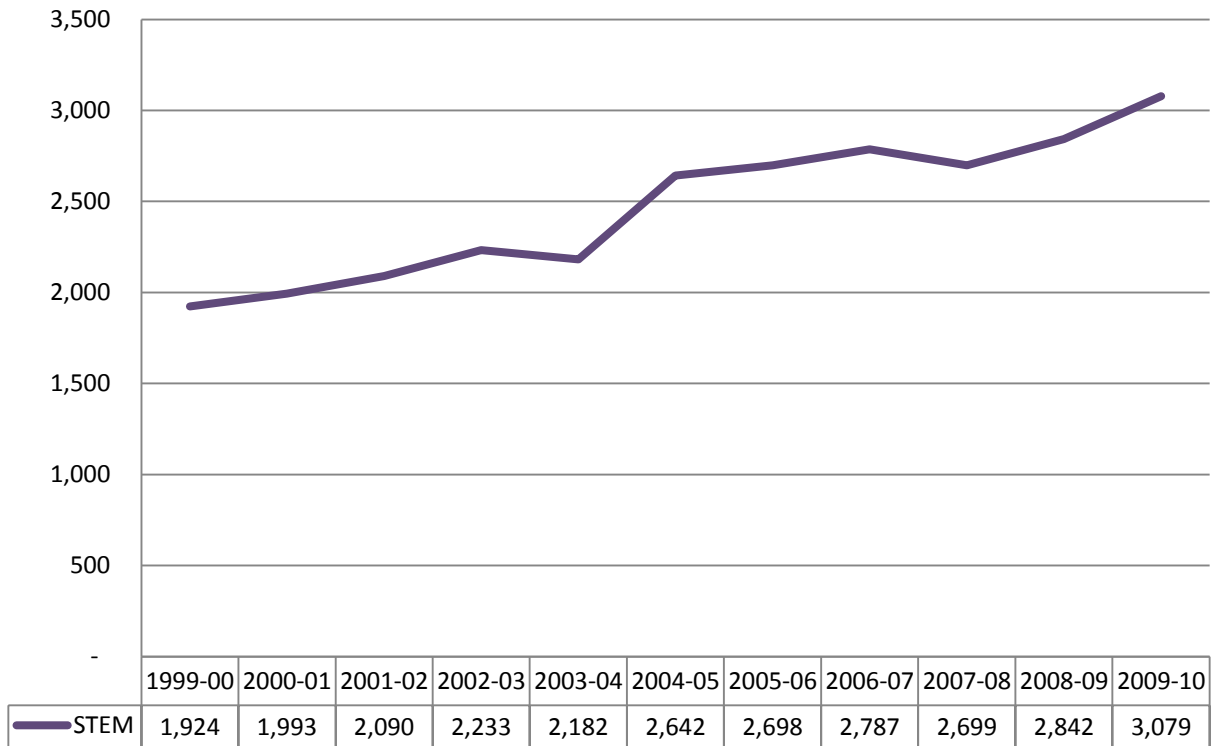


Date: July 6, 2011
Subject: STEM Degree Production at the UW

Although many states and other organizations and institutions have produced differing definitions of what counts as a STEM (Science, Technology, Engineering and Math) field, ICE (US Immigration and Customs Enforcement) produced an list of CIP (Classification of Instructional Programs) codes that institutions must use to produce official STEM counts for SEVIS (the Student and Exchange Visitor Information System)¹, which are in turn used by NCES to produce reports on US STEM degree production in the US.

Using this official definition of a STEM degree, **the UW has increased annual production of STEM degrees by 60 percent over the last ten years, compared to an increase of 40 percent in total degrees awarded during the same time period².**

UW STEM Degrees Awarded, 2000 - 2010



STEM degree production for the Global Challenge State Peers based on ICE classifications is available from 2001 to 2009. During that period the **UW increased STEM degrees by 36 percent, while the GCS peer average was 35 percent.**

¹ The ICE STEM CIP code list can found here: <http://www.ice.gov/sevis/stemlist.htm>

² UW data source: PNBDB. Note that if a student receives two degrees, they are counted twice, and if a student receives two STEM majors associated with a degree, they will also be counted twice. That is, we are not counting students earning degrees and we are not counting degree awards; rather we are counting degree majors.

Appendix 1: Number and Percent Change of STEM Degrees Awarded by College/School, 2000-2010

Degree	School or College	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	5 Yr Δ	10 Yr Δ
BA	College of Arts & Sciences	699	687	752	786	809	812	881	896	921	1,001	23%	43%
	College of Engineering	594	650	632	630	671	647	637	643	665	712	10%	20%
	College of the Environment	51	66	70	62	113	106	130	92	138	132	25%	159%
	Graduate School	34	46	41	38	37	50	55	44	50	48	-4%	41%
	Information School		17	24	35	34	50	55	35	42	71	42%	N/A
	School of Medicine	45	35	64	57	81	75	83	83	104	110	47%	144%
	Bothell	72	88	93	82	80	65	57	48	44	45	-31%	-38%
	Tacoma	6	32	64	69	81	84	85	85	97	128	52%	2033%
	Total	1,501	1,621	1,740	1,759	1,906	1,889	1,983	1,926	2,061	2,247	19%	50%
MA	College of Arts & Sciences	77	111	116	73	89	112	100	101	111	92	-18%	19%
	College of Engineering	305	286	296	271	297	280	292	295	287	351	25%	15%
	College of the Environment	18	29	31	26	15	28	25	26	23	20	-29%	11%
	Graduate School	2	2	1	2	4	3	3	2	1	1	-67%	-50%
	Information School										1	N/A	N/A
	School of Medicine	8	19	10	12	15	15	9	9	6	10	-33%	25%
	School of Pharmacy	2		1		2	1				2	100%	0%
	School of Public Health	61	46	70	71	66	71	72	52	66	70	-1%	15%
	Tacoma				8	14	19	20	16	10	18	-5%	N/A
Total	473	493	525	463	502	529	521	501	504	565	7%	19%	
PhD	College of Arts & Sciences	80	60	69	72	70	99	91	82	95	93	-6%	16%
	College of Engineering	73	83	84	87	87	96	96	101	92	98	2%	34%
	College of the Environment	18	15	20	24	24	30	29	24	20	15	-50%	-17%
	Graduate School	20	18	12	17	34	32	34	29	34	39	22%	95%
	Information School					1		3	3	6	1	N/A	N/A
	School of Medicine	41	60	42	48	40	47	57	56	50	55	17%	34%
	School of Pharmacy	4	4	10	5	5	11	7	3	7	7	-36%	75%
	School of Public Health	25	19	21	22	14	19	22	28	21	27	42%	8%
	Total	261	259	258	275	275	334	339	326	325	335	0%	28%
Total	College of Arts & Sciences	856	858	937	931	968	1,023	1,072	1,079	1,127	1,186	16%	39%
	College of Engineering	972	1,019	1,012	988	1,055	1,023	1,025	1,039	1,044	1,161	13%	19%
	College of the Environment	87	110	121	112	152	164	184	142	181	167	2%	92%
	Graduate School	56	66	54	57	75	85	92	75	85	88	4%	57%
	Information School	-	17	24	35	35	50	58	38	48	73	46%	N/A
	School of Medicine	94	114	116	117	136	137	149	148	160	175	28%	86%
	School of Pharmacy	6	4	11	5	7	12	7	3	7	9	-25%	50%
	School of Public Health	86	65	91	93	80	90	94	80	87	97	8%	13%
	Bothell	72	88	93	82	80	65	57	48	44	45	-31%	-38%
	Tacoma	6	32	64	77	95	103	105	101	107	146	42%	2333%
Total	2,235	2,373	2,523	2,497	2,683	2,752	2,843	2,753	2,890	3,147	14%	41%	