

BHC Trend Analysis: 2001/02 through 2006/07 Science & Mathematics

Program	Data								percent	percent	percent	Three year	Five year
		2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	change since 2005-06	change since 2003-04	change since 2001-02	average percent growth	average percent growth
Biology	enrollment	1,473	1,814	2,431	2,488	2,715	2,967	3,350	12.91%	34.65%	84.67%	11.55%	16.93%
	#sections offered	93	97	58	63	77	144	139	Average sections offered			96	
	Average class size	16	19	42	39	35	21	24	Average section size			30	
	% Grades A,B and C	63.7%	61.5%	59.3%	61.2%	58.6%	58.0%	64.0%	Average percentage A-C			60.44%	
	%Grades A-F	76.0%	72.9%	72.6%	72.7%	71.3%	72.6%	75.0%	Average percentage A-F			72.84%	
	% Grade W	24.0%	27.1%	27.4%	27.3%	28.7%	26.0%	27.2%	Average percentage W			27.29%	
Chemistry	enrollment	440	468	533	555	598	616	675	9.58%	21.62%	44.23%	7.21%	8.85%
	#sections offered	27	24	21	23	30	31	32	Average sections offered			27	
	Average class size	16	20	25	24	20	20	21	Average section size			22	
	% Grades A,B and C	46.6%	57.5%	56.3%	58.0%	60.9%	62.2%	66.4%	Average percentage A-C			60.20%	
	%Grades A-F	58.9%	72.9%	66.6%	69.4%	69.9%	71.1%	77.6%	Average percentage A-F			71.24%	
	% Grade W	41.1%	27.1%	33.4%	30.6%	30.1%	28.9%	22.4%	Average percentage W			28.76%	
Developmental Math	enrollment	5,065	5,843	6,805	5,972	5,195	5,019	5,085	1.32%	-14.85%	-12.97%	-4.95%	-2.59%
	#sections offered	197	207	236	215	213	202	203	Average sections offered			213	
	Average class size	26	28	29	28	24	25	25	Average section size			27	
	% Grades A,B and C	49.4%	55.9%	54.7%	52.9%	49.4%	49.6%	52.6%	Average percentage A-C			52.53%	
	%Grades A-F	77.7%	79.9%	81.4%	78.4%	76.6%	77.2%	79.8%	Average percentage A-F			78.88%	
	% Grade W	22.3%	20.1%	18.6%	21.6%	23.4%	22.2%	20.2%	Average percentage W			21.02%	
Directed Studies	enrollment	55	122	86	97	81	30	13	-56.67%	-86.60%	-89.34%	-28.87%	-17.87%
	#sections offered	6	6	4	4	4	4	4	Average sections offered			4	
	Average class size	9	20	22	24	20	8	3	Average section size			16	
	% Grades A,B and C	60.0%	74.6%	55.8%	58.8%	66.7%	73.3%	69.2%	Average percentage A-C			66.40%	
	%Grades A-F	74.5%	85.2%	73.3%	67.0%	77.8%	83.3%	92.3%	Average percentage A-F			79.82%	
	% Grade W	25.5%	14.8%	26.7%	33.0%	22.2%	16.7%	7.7%	Average percentage W			20.18%	

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Program	Data	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	percent change since 2005-06	percent change since 2003-04	percent change since 2001-02	Three year average percent growth	Five year average percent growth
Ecology	enrollment	20	17	14	10	9			-100.00%	-100.00%		-33.33%	-20.00%
	#sections offered	2	2	2	1	1			Average sections offered		2		
	Average class size	10	9	7	10	9			Average section size		9		
	% Grades A,B and C	70.0%	70.6%	50.0%	60.0%	77.8%			Average percentage A-C		64.59%		
	%Grades A-F	75.0%	70.6%	64.3%	90.0%	77.8%			Average percentage A-F		75.66%		
	% Grade W	25.0%	29.4%	35.7%	10.0%	22.2%			Average percentage W		24.34%		
Geology	enrollment	287	344	323	361	421	419	409	-2.39%	13.30%	18.90%	4.43%	3.78%
	#sections offered	19	21	14	16	19	25	25	Average sections offered		20		
	Average class size	15	16	23	23	22	17	16	Average section size		20		
	% Grades A,B and C	68.6%	71.2%	67.8%	71.2%	72.9%	74.0%	75.6%	Average percentage A-C		72.11%		
	%Grades A-F	76.3%	77.6%	77.4%	77.8%	81.5%	80.4%	82.6%	Average percentage A-F		79.57%		
	% Grade W	23.7%	22.4%	22.6%	22.2%	18.5%	19.6%	17.4%	Average percentage W		20.43%		
Mathematics	enrollment	2,553	2,988	3,264	3,356	2,982	2,919	2,829	-3.08%	-15.70%	-5.32%	-5.23%	-1.06%
	#sections offered	102	106	118	119	121	119	120	Average sections offered		117		
	Average class size	25	28	28	28	25	25	24	Average section size		26		
	% Grades A,B and C	58.4%	59.8%	63.5%	59.6%	61.9%	62.4%	63.8%	Average percentage A-C		61.84%		
	%Grades A-F	70.4%	71.8%	74.8%	72.5%	75.4%	76.5%	77.7%	Average percentage A-F		74.79%		
	% Grade W	29.6%	28.2%	25.2%	27.5%	24.6%	23.5%	22.3%	Average percentage W		25.20%		
Physics	enrollment	363	354	384	380	312	271	302	11.44%	-20.53%	-14.69%	-6.84%	-2.94%
	#sections offered	18	19	16	18	19	17	20	Average sections offered		18		
	Average class size	20	19	24	21	16	16	15	Average section size		19		
	% Grades A,B and C	73.3%	75.1%	74.0%	72.1%	68.6%	68.6%	78.8%	Average percentage A-C		72.87%		
	%Grades A-F	81.3%	84.7%	84.6%	80.8%	78.2%	80.1%	90.1%	Average percentage A-F		83.09%		
	% Grade W	18.7%	15.3%	15.4%	19.2%	21.8%	19.9%	9.9%	Average percentage W		16.91%		

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		2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	change since 2005-06	change since 2003-04	change since 2001-02	average percent growth	average percent growth
Physics-Astronomy	enrollment	208	220	218	216	250	225	308	36.89%	42.59%	40.00%	14.20%	8.00%
	#sections offered	11	10	10	10	12	11	15	Average sections offered		11		
	Average class size	19	22	22	22	21	20	21	Average section size		21		
	% Grades A,B and C	61.5%	62.3%	68.8%	59.3%	64.4%	66.2%	64.9%	Average percentage A-C		64.32%		
	%Grades A-F	67.8%	78.6%	81.7%	75.0%	75.6%	82.2%	79.2%	Average percentage A-F		78.72%		
	% Grade W	32.2%	21.4%	18.3%	25.0%	24.4%	17.8%	20.8%	Average percentage W		21.28%		
Physics-Physical Science	enrollment	49	47	36	60	57	57	58	1.75%	-3.33%	23.40%	-1.11%	4.68%
	#sections offered	3	3	2	3	3	3	3	Average sections offered		3		
	Average class size	16	16	18	20	19	19	19	Average section size		19		
	% Grades A,B and C	85.7%	80.9%	77.8%	88.3%	89.5%	86.0%	82.8%	Average percentage A-C		84.19%		
	%Grades A-F	87.8%	87.2%	80.6%	93.3%	93.0%	96.5%	89.7%	Average percentage A-F		90.04%		
	% Grade W	12.2%	12.8%	19.4%	6.7%	7.0%	3.5%	10.3%	Average percentage W		9.96%		
GIS	enrollment					33	603	1727.27%					
	#sections offered					4	18	Average sections offered		11			
	Average class size					8	34	Average section size		21			
	% Grades A,B and C					60.6%	60.2%	Average percentage A-C		60.40%			
	%Grades A-F					66.7%	87.9%	Average percentage A-F		77.28%			
	% Grade W					33.3%	12.1%	Average percentage W		22.72%			
Total enrollment		10,513	12,217	14,094	13,495	12,620	12,556	13,632	8.57%	1.02%	11.58%	0.34%	2.32%
Total #sections offered		478	495	481	472	499	560	579	Average sections offered		514		
Total Average class size		22	25	29	29	25	22	24	Average section size		26		
Total % Grades A,B and C		55.3%	59.2%	58.7%	57.7%	56.7%	57.0%	60.5%	Average percentage A-C		58.28%		
Total %Grades A-F		74.8%	76.7%	77.7%	75.5%	75.1%	76.0%	78.8%	Average percentage A-F		76.64%		
Total % Grade W		25.2%	23.3%	22.3%	24.5%	24.9%	23.4%	21.7%	Average percentage W		23.35%		