

Biology Department Productivity: By Year and By Term 2006/07 through 2010/11

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll
2006/07	2,224	1,835	21.20	482.52	14,475	683	74	2,387
2007/08	2,358	1,871	22.41	537.93	16,138	720	81	2,545
2008/09	2,826	2,242	25.50	631.41	18,942	743	89	2,835
2009/10	3,003	2,470	25.69	677.08	20,312	791	92	2,946
2010/11	3,120	2,505	24.69	624.75	18,742	759	93	3,107

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll
Fall 2006	889	714	8.90	205.34	6,160	692	30	944
Fall 2007	1,061	844	10.07	251.73	7,552	750	37	1,130
Fall 2008	1,177	909	10.47	257.84	7,735	739	37	1,180
Fall 2009	1,212	964	11.24	289.52	8,686	773	37	1,205
Fall 2010	1,274	1,019	10.35	266.83	8,005	774	37	1,206
Spring 2007	946	778	8.94	200.61	6,018	673	30	985
Spring 2008	1,027	804	10.23	236.72	7,102	694	35	1,105
Spring 2009	1,233	987	11.67	283.23	8,497	728	39	1,235
Spring 2010	1,335	1,115	11.09	292.08	8,762	790	41	1,311
Spring 2011	1,375	1,088	11.10	275.94	8,278	746	42	1,435
Summer 2006	389	343	3.36	76.57	2,297	684	14	458
Summer 2007	270	223	2.12	49.48	1,484	700	9	310
Summer 2008	416	346	3.36	90.34	2,710	807	13	420
Summer 2009	456	391	3.36	95.49	2,865	853	14	430
Summer 2010	471	398	3.24	81.98	2,459	759	14	466

Source: SMCCCD Data Warehouse

Census Headcount: Number of duplicated headcount at final census.

End of Term Headcount: Number of duplicated headcount at the end of the term.

FTEF: Total number of full time equivalent faculty assigned.

FTES: Total number of full time equivalent students enrolled at first census.

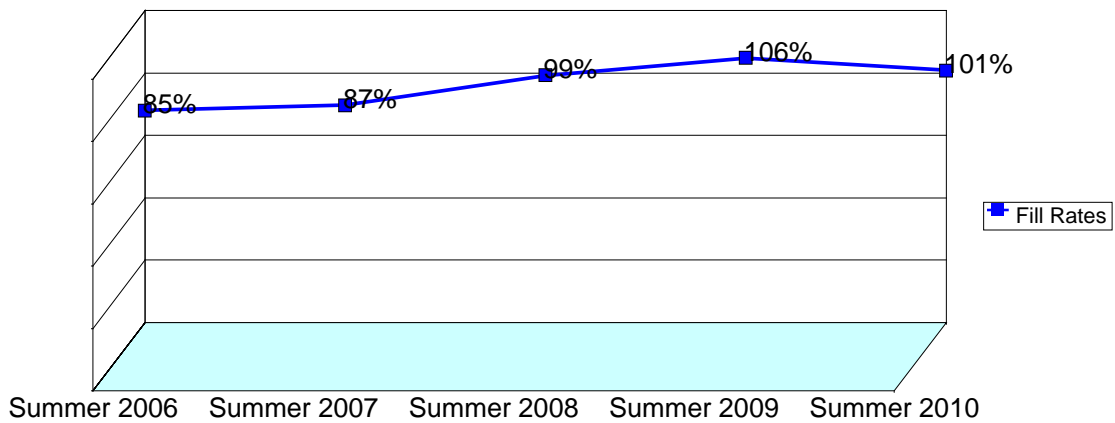
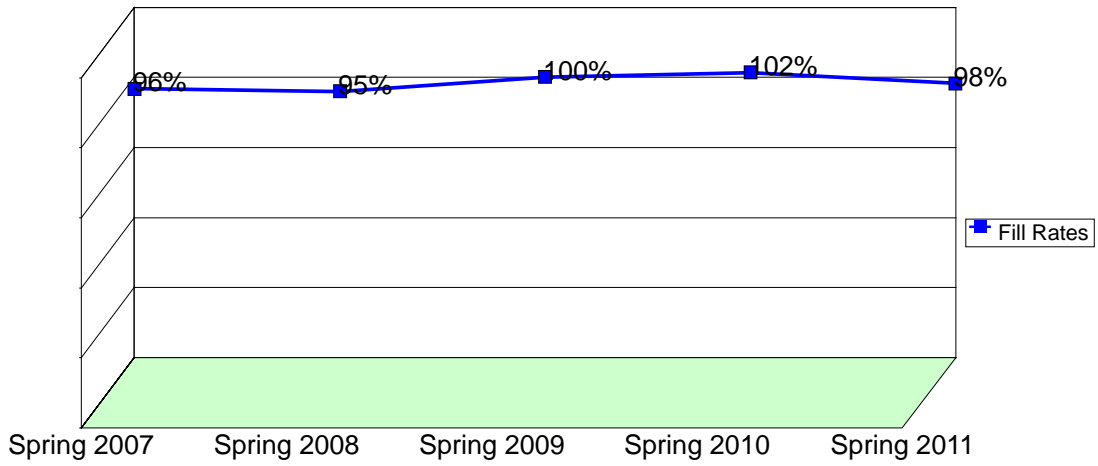
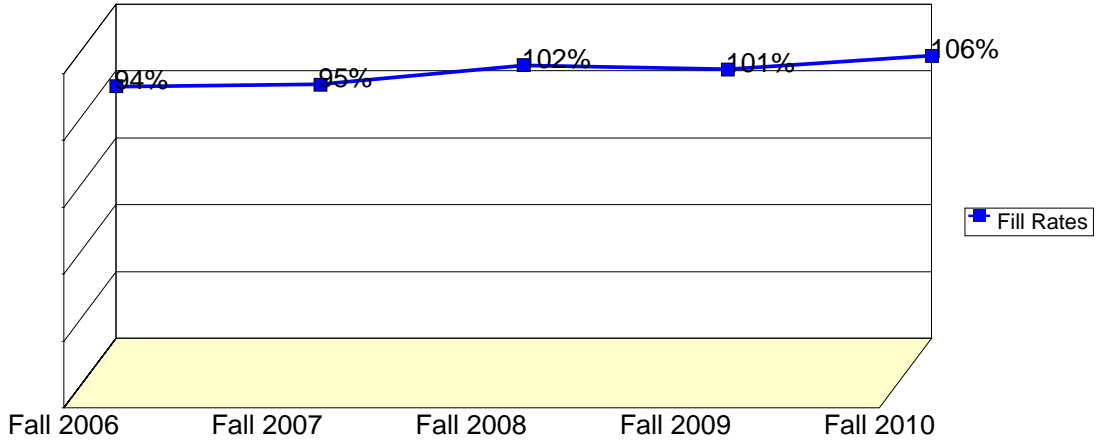
WSCH: Weekly student contact hours generated by census enrollments.

Load: The ratio of WSCH to FTEF, used to measure productivity.

Sections: Total number of sections offered per semester.

Max Enroll: The enrollment capacity or maximum enrollment as defined in curriculum.

Department Fill Rates by Term



Source: SMCCCD Data Warehouse

Fill Rates: The percent a class fills/enrolls based on capacity or enrollment maximum defined in the curriculum (does not include positive attendance or open entry/open exit classes).

Department Productivity: Term by Course

			Census	End of	FTEF	FTES	WSCH	Load	Sections	Max	
			Headcount	Term						Enroll	
Fall 2006	BIOL	101	Man in a Biological World	55	40	0.52	11.00	330	635	1	60
		110	Principles Of Biology	28	25	0.26	7.28	218	840	1	30
			Principles of Biology	121	98	1.30	29.42	883	679	5	150
		130	Human Biology	159	124	0.60	16.34	490	817	3	175
		150	Intro to Marine Biology	25	19	0.20	2.50	75	375	1	50
		215	Organismal Biology	58	48	0.84	19.72	592	704	2	60
		240	General Microbiology	119	97	1.04	29.78	893	859	4	120
		250	Human Anatomy	209	160	1.76	52.79	1,584	900	6	180
		260	Intro to Physiology	76	67	1.36	26.24	787	579	3	90
		415	Intro to Biotech Manufacturing	20	19	0.73	7.77	233	318	1	0
		680	Qual. Control for Biomanufact.	16	16	0.29	2.19	66	228	1	19
690	Special Projects	3	1	0.00	0.30	9	#INF	2	10		
Fall 2007	BIOL	101	Man in a Biological World	56	43	0.52	11.20	336	646	1	60
		110	Principles Of Biology	27	22	0.26	7.02	211	810	1	30
			Principles of Biology	142	105	1.30	34.58	1,037	798	5	150
		130	Human Biology	164	121	0.60	16.79	504	840	3	175
		150	Intro to Marine Biology	36	26	0.20	3.60	108	540	1	35
		215	Organismal Biology	64	56	0.84	21.76	653	777	2	60
		230	Cell/Molecular Biology	25	21	0.52	7.67	230	442	1	30
		240	General Microbiology	118	109	1.04	29.50	885	851	4	120
		250	Human Anatomy	245	181	2.28	62.11	1,863	817	9	270
		260	Intro to Physiology	93	88	1.36	32.10	963	708	3	90
		415	Intro to Biotech Manufacturing	20	16	0.88	22.93	688	782	1	20
		422	Foundations of Biotechnology	19	13	0.07	0.62	19	280	1	30
		426	Genetic Engineering	18	16	0.07	0.52	16	236	1	30
		430	Introduction to Immunology	23	16	0.07	0.75	23	339	1	30
		675	Honors Colloq. in Biology	7	7	0.07	0.23	7	105	1	20
690	Special Projects	4	4	0.00	0.33	10	#INF	2	10		
Fall 2008	BIOL	101	Man in a Biological World	73	52	0.52	14.60	438	842	1	60
		110	Principles Of Biology	25	25	0.26	6.67	200	769	1	30
			Principles of Biology	146	124	1.30	35.65	1,070	823	5	150
		130	Human Biology	182	129	0.60	18.75	563	938	3	175
		140	Animals and Man	46	44	0.20	4.60	138	690	1	45
		150	Intro to Marine Biology	36	33	0.20	3.60	108	540	1	40
		215	Organismal Biology	64	56	0.84	21.76	653	777	2	60
		230	Cell/Molecular Biology	26	23	0.52	7.97	239	460	1	30
		240	General Microbiology	125	97	1.04	31.26	938	902	4	120
		250	Human Anatomy	273	182	2.48	68.52	2,056	829	8	240
		260	Intro to Physiology	91	81	1.36	31.37	941	692	3	90
		415	Intro to Biotech Manufacturing	11	11	0.88	11.73	352	400	1	20
		422	Foundations of Biotechnology	19	12	0.07	0.27	8	123	1	30
		426	Genetic Engineering	19	12	0.07	0.30	9	137	1	30
		430	Introduction to Immunology	26	14	0.07	0.27	8	123	1	30
		675	Honors Colloq. in Biology	10	9	0.07	0.33	10	150	1	20
690	Special Projects	5	5	0.00	0.17	5	#INF	2	10		
Fall 2009	BIOL	101	Man in a Biological World	52	42	0.52	12.48	374	720	1	60
		110	Principles Of Biology	22	18	0.26	6.01	180	694	1	30

		Census	End of			WSCH	Load	Sections	Max		
		Headcount	Term	FTEF	FTES				Enroll		
			Headcount								
		Principles of Biology	144	128	1.30	36.61	1,098	845	5	150	
	130	Human Biology	210	157	0.80	21.95	659	823	4	210	
	140	Animals and Man	84	66	0.40	8.40	252	630	2	90	
	150	Intro to Marine Biology	33	27	0.20	3.30	99	495	1	40	
	215	Organismal Biology	61	56	0.84	21.96	659	784	2	60	
	230	Cell/Molecular Biology	27	20	0.52	8.55	257	493	1	30	
	240	General Microbiology	123	107	1.04	31.56	947	910	4	121	
	250	Human Anatomy	300	212	2.48	77.96	2,339	943	8	240	
	260	Intro to Physiology	125	105	1.88	43.97	1,319	702	4	120	
	415	Intro to Biotech Manufacturing	15	11	0.93	16.00	480	514	1	24	
	675	Honors Colloq. in Biology	9	8	0.07	0.30	9	135	1	20	
	690	Special Projects	7	7	0.00	0.47	14	#INF	2	10	
Fall 2010	BIOL	101	Man in a Biological World	66	53	0.36	15.84	475	1,320	1	60
		110	Principles Of Biology	33	25	0.36	6.60	198	550	1	30
			Principles of Biology	154	128	1.40	31.44	943	674	5	150
		130	Human Biology	242	198	0.80	24.73	742	927	4	230
		140	Animals and Man	89	64	0.40	8.90	267	668	2	90
		150	Intro to Marine Biology	44	30	0.20	4.40	132	660	1	45
		215	Organismal Biology	66	58	0.84	22.44	673	801	2	60
		230	Cell/Molecular Biology	28	23	0.52	8.87	266	512	1	30
		240	General Microbiology	151	102	1.40	37.48	1,124	803	5	150
		250	Human Anatomy	262	214	2.12	65.05	1,952	921	7	210
		260	Intro to Physiology	115	101	1.88	39.98	1,199	638	4	116
		675	Honors Colloq. in Biology	12	11	0.07	0.40	12	180	1	20
		690	Special Projects	12	12	0.00	0.70	21	#INF	3	15
Spring 2007	BIOL	101	Man In A Biological World	51	39	0.52	10.20	306	588	1	60
		110	Principles Of Biology	110	94	1.24	25.67	770	621	4	120
		130	Human Biology	177	142	0.60	18.21	546	911	3	180
		150	Intro To Marine Biology	47	43	0.20	4.70	141	705	1	55
		215	Organismal Biology	33	27	0.52	11.00	330	635	1	30
		230	Intro To Cell Biology	24	23	0.52	7.20	216	415	1	30
			Introduction to Cell Biology	25	23	0.26	7.50	225	865	1	30
		240	General Microbiology	93	79	0.88	22.92	688	781	3	90
		250	Human Anatomy	218	171	1.76	52.75	1,583	899	6	180
		260	Intro To Physiology	58	43	0.94	19.33	580	617	2	60
			Intro to Physiology	27	24	0.42	9.00	270	643	1	30
		415	Intro to Biotech Training	20	17	0.88	10.13	304	345	1	20
		422	Foundations of Biotechnology	18	15	0.07	0.55	16	247	1	30
		426	Genetic Engineering	17	13	0.07	0.52	16	233	1	30
		430	Introduction to Immunology	26	24	0.07	0.79	24	356	1	30
		690	Special Projects	2	1	0.00	0.13	4	#INF	2	10
Spring 2008	BIOL	101	Man In A Biological World	50	30	0.52	12.00	360	692	1	60
		110	Principles Of Biology	152	126	1.40	36.48	1,094	782	5	150
		130	Human Biology	188	130	0.60	19.34	580	967	3	180
		150	Intro To Marine Biology	37	35	0.20	3.70	111	555	1	35
		215	Organismal Biology	61	47	0.84	20.74	622	741	2	60
		230	Intro To Cell Biology	23	20	0.42	7.05	212	504	1	30
			Introduction to Cell Biology	12	10	0.42	3.68	110	263	1	30

			Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	
		240	General Microbiology	120	96	1.04	29.92	898	863	4	120
		250	Human Anatomy	252	200	2.38	62.70	1,881	790	8	240
		260	Intro To Physiology	61	49	0.94	21.21	636	677	2	60
			Intro to Physiology	24	20	0.42	8.16	245	583	1	30
		415	Intro to Biotech Training	21	21	0.88	10.80	324	368	1	0
		430	Introduction to Immunology	9	5	0.07	0.27	8	123	1	30
		665	Intro to Stem Cells Technology	5	4	0.03	0.06	2	55	1	30
		675	Honors Colloq. in Biology	6	6	0.07	0.20	6	90	1	30
		690	Special Projects	6	5	0.00	0.40	12	#INF	2	20
Spring 2009	BIOL	101	Man In A Biological World	61	40	0.52	14.64	439	845	1	60
		110	Principles Of Biology	161	138	1.60	38.64	1,159	725	5	145
		130	Human Biology	187	137	0.60	19.68	591	984	3	175
		140	Animals, People & Environment	38	32	0.20	3.80	114	570	1	45
		150	Intro To Marine Biology	39	30	0.20	3.90	117	585	1	40
		215	Organismal Biology	64	50	0.84	21.76	653	777	2	60
		230	Intro To Cell Biology	26	25	0.42	7.97	239	570	1	30
			Introduction to Cell Biology	23	22	0.42	7.05	212	504	1	30
		240	General Microbiology	126	110	1.04	31.52	946	909	4	120
		250	Human Anatomy	302	226	2.84	73.75	2,212	779	9	270
		260	Intro To Physiology	61	56	0.94	21.21	636	677	2	60
			Intro to Physiology	58	54	0.94	19.93	598	636	2	60
		415	Intro to Biotech Training	16	15	0.95	17.33	520	549	1	25
		430	Introduction to Immunology	25	14	0.07	0.76	23	343	1	30
665	Intro to Stem Cells Technology	20	14	0.03	0.21	6	192	1	25		
675	Honors Colloq. in Biology	19	18	0.07	0.63	19	285	1	30		
690	Special Projects	7	6	0.00	0.43	13	#INF	3	30		
Spring 2010	BIOL	101	Man In A Biological World	67	56	0.52	13.40	402	773	1	60
		110	Principles Of Biology	145	126	1.40	35.60	1,068	763	6	151
			Principles Of Biology - ASTEP	31	25	0.36	7.44	223	620	1	25
		130	Human Biology	269	224	1.00	27.51	825	825	5	255
		140	Animals and Man	31	24	0.20	3.10	93	465	1	45
			Animals, People & Environment	43	30	0.20	4.30	129	645	1	45
		150	Intro To Marine Biology	42	34	0.20	4.20	126	630	1	40
		215	Organismal Biology	58	55	0.84	20.36	611	727	2	60
		230	Intro To Cell Biology	27	22	0.42	7.47	224	534	1	30
			Introduction to Cell Biology	25	22	0.42	7.92	238	565	1	30
		240	General Microbiology	157	135	1.40	39.37	1,181	844	5	150
		250	Human Anatomy	274	226	2.12	77.33	2,320	1,094	7	210
		260	Intro To Physiology	70	62	0.94	24.31	729	776	2	60
			Intro to Physiology	53	41	0.94	18.17	545	580	2	60
		430	Introduction to Immunology	21	13	0.07	0.64	19	288	1	30
		675	Honors Colloq. in Biology	13	11	0.07	0.43	13	195	1	30
		690	Special Projects	9	9	0.00	0.53	16	#INF	3	30
Spring 2011	BIOL	101	Man In A Biological World	62	47	0.52	12.40	372	715	1	60
		110	Principles Of Biology	156	129	1.40	31.20	936	669	5	150
			Principles Of Biology - ASTEP	31	30	0.36	6.20	186	517	1	30

			Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	
		130	Human Biology	280	201	1.00	28.00	840	840	5	270
		140	Animals, People & Environment	85	59	0.40	8.50	255	638	2	90
		145	Plants, People & Environment	38	33	0.20	3.80	114	570	1	45
		150	Intro To Marine Biology	34	27	0.20	3.40	102	510	1	45
			Intro to Marine Biology	23	18	0.20	2.30	69	345	1	45
		215	Organismal Biology	63	61	0.84	21.42	643	765	2	60
		230	Intro To Cell Biology	30	28	0.42	9.50	285	679	1	30
			Introduction to Cell Biology	22	21	0.32	6.97	209	653	1	30
		240	General Microbiology	125	110	1.04	30.83	925	889	4	120
		250	Human Anatomy	254	187	2.12	69.99	2,100	990	7	210
		260	Intro To Physiology	58	50	0.94	19.92	598	636	2	60
			Intro to Physiology	57	40	0.94	19.60	588	626	2	60
		430	Introduction to Immunology	21	15	0.07	0.40	12	178	1	35
		665	Intro to Stem Cells Technology	17	15	0.07	0.38	11	171	1	35
		675	Honors Colloq. in Biology	7	6	0.07	0.23	7	105	1	30
		690	Special Projects	12	11	0.00	0.90	27	#INF	3	30
Summer 2006	BIOL	110	Principles Of Biology	31	31	0.26	6.85	205	790	1	30
			Principles of Biology	34	34	0.26	7.51	225	867	1	30
		130	Human Biology	101	76	0.60	10.33	310	517	3	170
		240	General Microbiology	83	72	0.68	18.34	550	809	3	90
		250	Human Anatomy	72	66	0.72	16.16	485	673	2	60
		260	Intro to Physiology	59	55	0.84	16.95	508	605	2	60
		690	Special Projects	9	9	0.00	0.43	13	#INF	2	18
Summer 2007	BIOL	110	Principles Of Biology	26	24	0.26	5.75	172	663	1	30
			Principles of Biology	29	23	0.26	6.41	192	740	1	30
		130	Human Biology	92	66	0.40	8.90	267	667	2	115
		240	General Microbiology	81	70	0.68	17.91	537	790	3	90
		260	Intro to Physiology	30	28	0.52	9.41	282	543	1	30
		690	Special Projects	12	12	0.00	1.10	33	#INF	1	15
Summer 2008	BIOL	110	Principles Of Biology	32	29	0.26	7.51	225	866	1	30
			Principles of Biology	33	28	0.26	7.74	232	894	1	30
		130	Human Biology	81	60	0.40	7.85	236	589	2	110
		240	General Microbiology	85	80	0.68	19.95	598	880	3	90
		250	Human Anatomy	137	106	1.24	35.67	1,070	863	4	120
		260	Intro to Physiology	33	28	0.52	10.91	327	630	1	30
		690	Special Projects	15	15	0.00	0.70	21	#INF	1	10
Summer 2009	BIOL	110	Principles Of Biology	29	28	0.26	6.73	202	776	1	30
			Principles of Biology	29	28	0.26	6.73	202	776	1	30
		130	Human Biology	98	80	0.40	9.71	291	729	2	110
		240	General Microbiology	93	79	0.68	22.82	684	1,006	3	90
		250	Human Anatomy	152	124	1.24	37.29	1,119	902	4	120
		260	Intro to Physiology	33	30	0.52	10.91	327	630	1	30
		690	Special Projects	22	22	0.00	1.30	39	#INF	2	20
Summer 2010	BIOL	110	Principles Of Biology	32	31	0.26	5.95	178	686	1	30
			Principles of Biology	33	32	0.26	5.91	177	682	1	30
		130	Human Biology	102	87	0.40	9.80	294	735	2	110
		140	Animals and Man	43	31	0.20	4.30	129	645	1	75
		240	General Microbiology	64	53	0.52	11.85	355	684	2	60

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll
250	Human Anatomy	142	115	1.08	31.89	957	886	3	91
260	Intro to Physiology	36	33	0.52	11.11	333	641	1	30
690	Special Projects	19	16	0.00	1.17	35	#INF	3	40