



# Productivity 2012/13 through 2016/17 Biology (BIOL)

**List of Tables:**

1. Productivity by Year
2. Productivity by Semester
3. DE vs Non-DE Courses
4. Basic Skills vs Non-Basic Skills Courses
5. CTE vs Non-CTE Courses
6. Transfer vs Non-Transfer Courses
7. Day vs. Evening Courses
8. Productivity by Courses by Semester

## Productivity by Year

	<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
2012/13	2,258	1,824	23.21	427.84	12,835	553	78	2,650	85.2%
2013/14	2,104	1,648	19.68	350.66	10,520	535	69	2,412	87.2%
2014/15	1,930	1,522	18.76	331.18	9,935	530	65	2,285	84.5%
2015/16	1,945	1,566	18.32	328.42	9,853	538	66	2,180	89.2%
2016/17	1,904	1,491	18.60	333.14	9,994	537	68	2,210	86.2%

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.  
 Fill Rate: Census Headcount divided by Max Enrollment.

Data Source: SMCCD Data Warehouse

Cañada College Productivity 2016-17

**Productivity by Semester**

	<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Fall 2012	1,007	793	10.24	199.23	5,977	584	34	1,135	88.7%
Fall 2013	927	741	8.88	161.59	4,848	546	31	1,045	88.7%
Fall 2014	861	665	8.36	148.33	4,450	532	29	1,005	85.7%
Fall 2015	846	675	7.88	143.42	4,303	546	30	950	89.1%
Fall 2016	862	650	8.20	149.84	4,495	548	30	945	91.2%
Spring 2013	957	766	10.41	178.57	5,357	514	35	1,185	80.8%
Spring 2014	848	653	8.04	138.12	4,144	515	29	987	85.9%
Spring 2015	794	638	7.64	137.48	4,124	540	27	905	87.7%
Spring 2016	786	622	7.68	137.62	4,129	538	26	855	91.9%
Spring 2017	743	579	7.64	137.03	4,111	538	28	890	83.5%
Summer 2012	294	265	2.56	50.04	1,501	586	9	330	89.1%
Summer 2013	329	254	2.76	50.95	1,529	554	9	380	86.6%
Summer 2014	275	219	2.76	45.37	1,361	493	9	375	73.3%
Summer 2015	313	269	2.76	47.38	1,421	515	10	375	83.5%
Summer 2016	299	262	2.76	46.27	1,388	503	10	375	79.7%

Cañada College Productivity 2016-17

**DE vs Non DE Courses**

		<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Fall 2012	FaceToFace	1,007	793	10.24	199.23	5,977	584	34	1,135	88.7%
Fall 2013	FaceToFace	927	741	8.88	161.59	4,848	546	31	1,045	88.7%
Fall 2014	FaceToFace	830	640	8.16	145.23	4,357	534	28	960	86.5%
	Online	31	25	0.20	3.10	93	465	1	45	68.9%
Fall 2015	FaceToFace	804	646	7.68	139.22	4,177	544	29	905	88.8%
	Online	42	29	0.20	4.20	126	630	1	45	93.3%
Fall 2016	FaceToFace	824	625	8.00	146.04	4,381	548	29	900	91.6%
	Online	38	25	0.20	3.80	114	570	1	45	84.4%
Spring 2013	FaceToFace	915	734	10.21	174.37	5,231	512	34	1,140	80.3%
	Online	42	32	0.20	4.20	126	630	1	45	93.3%
Spring 2014	FaceToFace	821	633	7.84	135.42	4,063	518	28	942	87.2%
	Online	27	20	0.20	2.70	81	405	1	45	60.0%
Spring 2015	FaceToFace	757	610	7.44	133.78	4,013	539	26	860	88.0%
	Online	37	28	0.20	3.70	111	555	1	45	82.2%
Spring 2016	FaceToFace	743	592	7.48	133.32	4,000	535	25	810	91.7%
	Online	43	30	0.20	4.30	129	645	1	45	95.6%
Spring 2017	FaceToFace	711	556	7.44	133.83	4,015	540	27	845	84.1%
	Online	32	23	0.20	3.20	96	480	1	45	71.1%
Summer 2012	FaceToFace	258	234	2.36	46.44	1,393	590	8	285	90.5%
	Online	36	31	0.20	3.60	108	540	1	45	80.0%
Summer 2013	FaceToFace	238	190	2.36	41.85	1,256	532	8	285	83.5%
	Online	91	64	0.40	9.10	273	683	1	95	95.8%
Summer 2014	FaceToFace	195	156	2.36	37.37	1,121	475	8	285	68.4%
	Online	80	63	0.40	8.00	240	600	1	90	88.9%
Summer 2015	FaceToFace	187	164	2.16	34.78	1,043	483	7	240	77.9%
	Online	126	105	0.60	12.60	378	630	3	135	93.3%
Summer 2016	FaceToFace	189	165	2.16	35.27	1,058	490	7	240	78.8%
	Online	110	97	0.60	11.00	330	550	3	135	81.5%

Cañada College Productivity 2016-17

**Basic Skills vs Non Basic Skills Courses**

		<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>	
Fall 2012	Non Basic Skills	1,007	793	10.24	199.23	5,977	584	34	1,135	88.7%
	Total	1,007	793	10.24	199.23	5,977	584	34	1,135	88.7%
Fall 2013	Non Basic Skills	927	741	8.88	161.59	4,848	546	31	1,045	88.7%
	Total	927	741	8.88	161.59	4,848	546	31	1,045	88.7%
Fall 2014	Non Basic Skills	861	665	8.36	148.33	4,450	532	29	1,005	85.7%
	Total	861	665	8.36	148.33	4,450	532	29	1,005	85.7%
Fall 2015	Non Basic Skills	846	675	7.88	143.42	4,303	546	30	950	89.1%
	Total	846	675	7.88	143.42	4,303	546	30	950	89.1%
Fall 2016	Non Basic Skills	862	650	8.20	149.84	4,495	548	30	945	91.2%
	Total	862	650	8.20	149.84	4,495	548	30	945	91.2%
Spring 2013	Non Basic Skills	957	766	10.41	178.57	5,357	514	35	1,185	80.8%
	Total	957	766	10.41	178.57	5,357	514	35	1,185	80.8%
Spring 2014	Non Basic Skills	848	653	8.04	138.12	4,144	515	29	987	85.9%
	Total	848	653	8.04	138.12	4,144	515	29	987	85.9%
Spring 2015	Non Basic Skills	794	638	7.64	137.48	4,124	540	27	905	87.7%
	Total	794	638	7.64	137.48	4,124	540	27	905	87.7%
Spring 2016	Non Basic Skills	786	622	7.68	137.62	4,129	538	26	855	91.9%
	Total	786	622	7.68	137.62	4,129	538	26	855	91.9%
Spring 2017	Non Basic Skills	743	579	7.64	137.03	4,111	538	28	890	83.5%
	Total	743	579	7.64	137.03	4,111	538	28	890	83.5%
Summer 2012	Non Basic Skills	294	265	2.56	50.04	1,501	586	9	330	89.1%
	Total	294	265	2.56	50.04	1,501	586	9	330	89.1%
Summer 2013	Non Basic Skills	329	254	2.76	50.95	1,529	554	9	380	86.6%
	Total	329	254	2.76	50.95	1,529	554	9	380	86.6%
Summer 2014	Non Basic Skills	275	219	2.76	45.37	1,361	493	9	375	73.3%
	Total	275	219	2.76	45.37	1,361	493	9	375	73.3%
Summer 2015	Non Basic Skills	313	269	2.76	47.38	1,421	515	10	375	83.5%
	Total	313	269	2.76	47.38	1,421	515	10	375	83.5%
Summer 2016	Non Basic Skills	299	262	2.76	46.27	1,388	503	10	375	79.7%
	Total	299	262	2.76	46.27	1,388	503	10	375	79.7%

**CTE vs NonCTE Courses**

		<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Fall 2012	Non CTE	1,007	793	10.24	199.23	5,977	584	34	1,135	88.7%
	Total	1,007	793	10.24	199.23	5,977	584	34	1,135	88.7%
Fall 2013	Non CTE	927	741	8.88	161.59	4,848	546	31	1,045	88.7%
	Total	927	741	8.88	161.59	4,848	546	31	1,045	88.7%
Fall 2014	Non CTE	861	665	8.36	148.33	4,450	532	29	1,005	85.7%
	Total	861	665	8.36	148.33	4,450	532	29	1,005	85.7%
Fall 2015	Non CTE	846	675	7.88	143.42	4,303	546	30	950	89.1%
	Total	846	675	7.88	143.42	4,303	546	30	950	89.1%
Fall 2016	Non CTE	862	650	8.20	149.84	4,495	548	30	945	91.2%
	Total	862	650	8.20	149.84	4,495	548	30	945	91.2%
Spring 2013	Non CTE	957	766	10.41	178.57	5,357	514	35	1,185	80.8%
	Total	957	766	10.41	178.57	5,357	514	35	1,185	80.8%
Spring 2014	Non CTE	848	653	8.04	138.12	4,144	515	29	987	85.9%
	Total	848	653	8.04	138.12	4,144	515	29	987	85.9%
Spring 2015	Non CTE	794	638	7.64	137.48	4,124	540	27	905	87.7%
	Total	794	638	7.64	137.48	4,124	540	27	905	87.7%
Spring 2016	Non CTE	786	622	7.68	137.62	4,129	538	26	855	91.9%
	Total	786	622	7.68	137.62	4,129	538	26	855	91.9%
Spring 2017	Non CTE	743	579	7.64	137.03	4,111	538	28	890	83.5%
	Total	743	579	7.64	137.03	4,111	538	28	890	83.5%
Summer 2012	Non CTE	294	265	2.56	50.04	1,501	586	9	330	89.1%
	Total	294	265	2.56	50.04	1,501	586	9	330	89.1%
Summer 2013	Non CTE	329	254	2.76	50.95	1,529	554	9	380	86.6%
	Total	329	254	2.76	50.95	1,529	554	9	380	86.6%
Summer 2014	Non CTE	275	219	2.76	45.37	1,361	493	9	375	73.3%
	Total	275	219	2.76	45.37	1,361	493	9	375	73.3%
Summer 2015	Non CTE	313	269	2.76	47.38	1,421	515	10	375	83.5%
	Total	313	269	2.76	47.38	1,421	515	10	375	83.5%

Cañada College Productivity 2016-17

**CTE vs NonCTE Courses**

	<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Summer 2016 Non CTE	299	262	2.76	46.27	1,388	503	10	375	79.7%
Total	299	262	2.76	46.27	1,388	503	10	375	79.7%

**Transfer vs Non Transfer Courses**

	<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Fall 2012 Yes	1,007	793	10.24	199.23	5,977	584	34	1,135	88.7%
Total	1,007	793	10.24	199.23	5,977	584	34	1,135	88.7%
Fall 2013 Yes	927	741	8.88	161.59	4,848	546	31	1,045	88.7%
Total	927	741	8.88	161.59	4,848	546	31	1,045	88.7%
Fall 2014 Yes	861	665	8.36	148.33	4,450	532	29	1,005	85.7%
Total	861	665	8.36	148.33	4,450	532	29	1,005	85.7%
Fall 2015 Yes	846	675	7.88	143.42	4,303	546	30	950	89.1%
Total	846	675	7.88	143.42	4,303	546	30	950	89.1%
Fall 2016 Yes	862	650	8.20	149.84	4,495	548	30	945	91.2%
Total	862	650	8.20	149.84	4,495	548	30	945	91.2%
Spring 2013 Yes	957	766	10.41	178.57	5,357	514	35	1,185	80.8%
Total	957	766	10.41	178.57	5,357	514	35	1,185	80.8%
Spring 2014 Yes	848	653	8.04	138.12	4,144	515	29	987	85.9%
Total	848	653	8.04	138.12	4,144	515	29	987	85.9%
Spring 2015 Yes	794	638	7.64	137.48	4,124	540	27	905	87.7%
Total	794	638	7.64	137.48	4,124	540	27	905	87.7%
Spring 2016 Yes	786	622	7.68	137.62	4,129	538	26	855	91.9%
Total	786	622	7.68	137.62	4,129	538	26	855	91.9%
Spring 2017 Yes	743	579	7.64	137.03	4,111	538	28	890	83.5%

## Cañada College Productivity 2016-17

**Transfer vs Non Transfer Courses**

	<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Total	743	579	7.64	137.03	4,111	538	28	890	83.5%
Summer 2012 Yes	294	265	2.56	50.04	1,501	586	9	330	89.1%
Total	294	265	2.56	50.04	1,501	586	9	330	89.1%
Summer 2013 Yes	329	254	2.76	50.95	1,529	554	9	380	86.6%
Total	329	254	2.76	50.95	1,529	554	9	380	86.6%
Summer 2014 Yes	275	219	2.76	45.37	1,361	493	9	375	73.3%
Total	275	219	2.76	45.37	1,361	493	9	375	73.3%
Summer 2015 Yes	313	269	2.76	47.38	1,421	515	10	375	83.5%
Total	313	269	2.76	47.38	1,421	515	10	375	83.5%
Summer 2016 Yes	299	262	2.76	46.27	1,388	503	10	375	79.7%
Total	299	262	2.76	46.27	1,388	503	10	375	79.7%

Cañada College Productivity 2016-17

		<b>Day vs Evening Courses</b>								
		<b>Census</b>	<b>End of Term</b>						<b>Max</b>	<b>Fill</b>
		<b>Headcount</b>	<b>Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Enroll</b>	<b>Rates</b>
Fall 2012	Day	785	625	7.76	152.44	4,573	589	25	860	91.3%
	Evening	222	168	2.48	46.80	1,404	566	9	275	80.7%
Fall 2013	Day	700	562	6.56	122.44	3,673	560	23	770	90.9%
	Evening	227	179	2.32	39.15	1,175	506	8	275	82.5%
Fall 2014	Day	672	527	6.56	118.07	3,542	540	22	765	87.8%
	Evening	189	138	1.80	30.26	908	504	7	240	78.8%
Fall 2015	Day	641	521	6.08	112.61	3,378	556	21	710	90.3%
	Evening	205	154	1.80	30.81	924	513	9	240	85.4%
Fall 2016	Day	655	498	6.20	116.64	3,499	564	22	725	90.3%
	Evening	207	152	2.00	33.20	996	498	8	220	94.1%
Spring 2013	Day	742	591	7.93	135.16	4,055	511	26	880	84.3%
	Evening	215	175	2.48	43.41	1,302	525	9	305	70.5%
Spring 2014	Day	683	523	6.24	111.16	3,335	534	22	742	92.0%
	Evening	165	130	1.80	26.96	809	449	7	245	67.3%
Spring 2015	Day	582	460	5.84	105.75	3,172	543	20	660	88.2%
	Evening	212	178	1.80	31.73	952	529	7	245	86.5%
Spring 2016	Day	604	476	6.04	112.12	3,364	557	19	655	92.2%
	Evening	182	146	1.64	25.50	765	466	7	200	91.0%
Spring 2017	Day	612	486	6.16	116.03	3,481	565	21	710	86.2%
	Evening	131	93	1.48	21.00	630	426	7	180	72.8%
Summer 2012	Day	258	234	2.36	46.44	1,393	590	8	285	90.5%
	Evening	36	31	0.20	3.60	108	540	1	45	80.0%
Summer 2013	Day	238	190	2.36	41.85	1,256	532	8	285	83.5%
	Evening	91	64	0.40	9.10	273	683	1	95	95.8%
Summer 2014	Day	165	134	2.20	31.34	940	427	7	255	64.7%
	Evening	110	85	0.56	14.03	421	752	2	120	91.7%
Summer 2015	Day	165	146	2.00	30.35	911	455	6	210	78.6%
	Evening	148	123	0.76	17.03	511	672	4	165	89.7%
Summer 2016	Day	163	147	2.00	30.26	908	454	6	210	77.6%
	Evening	136	115	0.76	16.01	480	632	4	165	82.4%



**Productivity by Courses by Semester**

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
<b>Fall 2012</b>	BIOL	100	Intro. to the Life Sciences	40	30	0.20	4.00	120	600	1	45	89%
		110	Principles Of Biology	87	72	0.88	17.87	536	609	4	120	73%
		130	Human Biology	180	143	0.80	18.63	559	699	4	200	90%
		132	Human Biology Laboratory	33	28	0.16	3.63	109	681	1	30	110%
		225	Biology Of Organisms	25	24	0.52	7.50	225	433	1	30	83%
		230	Cell & Molecular Biology	36	29	0.84	11.04	331	394	2	60	60%
		240	General Microbiology	116	97	1.24	28.38	851	687	4	120	97%
		250	Human Anatomy	181	118	1.76	37.55	1,127	640	6	180	101%
		260	Human Physiology	181	155	3.04	57.83	1,735	571	7	210	86%
		310	Nutrition	128	97	0.80	12.80	384	480	4	170	75%
	Total			1,007	793	10.24	199.23	5,977	584	34	1,165	86%
<b>Fall 2013</b>	BIOL	100	Intro. to the Life Sciences	47	37	0.20	4.70	141	705	1	45	104%
		110	Principles Of Biology	79	68	0.88	15.80	474	539	3	90	88%
		130	Human Biology	201	167	0.80	20.10	603	754	4	200	101%
		132	Human Biology Laboratory	61	58	0.48	6.53	196	408	3	90	68%
		225	Biology Of Organisms	26	23	0.52	7.80	234	450	1	30	87%
		230	Cell & Molecular Biology	25	22	0.52	7.67	230	442	1	30	83%
		240	General Microbiology	93	83	1.24	19.69	591	476	4	120	78%
		250	Human Anatomy	188	116	1.76	39.05	1,172	666	6	180	104%
		260	Human Physiology	89	78	1.88	28.09	843	448	4	120	74%
		310	Nutrition	116	87	0.60	11.60	348	580	3	135	86%
	695	Independent Study	2	2	0.00	0.56	17	#INF	1	5	40%	
	Total			927	741	8.88	161.59	4,848	546	31	1,045	89%
<b>Fall 2014</b>	BIOL	100	Intro. to the Life Sciences	43	29	0.20	4.30	129	645	1	45	96%
		110	Principles Of Biology	80	64	0.88	16.00	480	545	3	90	89%
		130	Human Biology	199	155	1.00	19.90	597	597	5	240	83%
		132	Human Biology Laboratory	74	65	0.48	7.68	230	480	3	90	82%
		225	Biology Of Organisms	16	16	0.52	4.80	144	277	1	30	53%
		230	Cell & Molecular Biology	27	27	0.52	8.28	248	478	1	30	90%
		240	General Microbiology	77	65	1.08	16.09	483	447	3	90	86%

**Productivity by Courses by Semester**

			Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate	
	250	Human Anatomy	183	113	1.92	37.65	1,130	588	7	210	87%	
	260	Human Physiology	83	74	1.36	25.73	772	568	3	90	92%	
	310	Nutrition	79	57	0.40	7.90	237	593	2	90	88%	
	Total		861	665	8.36	148.33	4,450	532	29	1,005	86%	
<b>Fall 2015</b>	BIOL	100	Intro. to the Life Sciences	40	36	0.20	4.00	120	600	1	45	89%
		110	Principles Of Biology	90	74	0.88	18.00	540	614	3	90	100%
		130	Human Biology	205	163	1.00	20.50	615	615	5	245	84%
			Human Biology-Honors	6	6	0.00	0.60	18	#INF	1	50	12%
		132	Human Biology Laboratory	62	53	0.48	6.20	186	388	3	90	69%
		225	Biology Of Organisms	31	28	0.52	9.30	279	537	1	30	103%
		230	Cell & Molecular Biology	29	27	0.52	8.89	267	513	1	30	97%
		240	General Microbiology	81	72	1.08	16.51	495	459	3	90	90%
		250	Human Anatomy	155	97	1.76	31.54	946	538	6	180	86%
			Human Anatomy - Honors	10	9	0.00	2.00	60	#INF	2	60	17%
		260	Human Physiology	58	50	1.04	17.98	539	519	2	60	97%
		310	Nutrition	79	60	0.40	7.90	237	593	2	90	88%
	Total			846	675	7.88	143.42	4,303	546	30	1,060	80%
<b>Fall 2016</b>	BIOL	100	Intro. to the Life Sciences	42	26	0.20	4.20	126	630	1	45	93%
		110	Principles Of Biology	116	88	1.24	23.20	696	561	4	115	101%
		130	Human Biology	182	139	0.80	18.20	546	683	4	180	101%
			Human Biology-Honors	15	11	0.20	1.50	45	225	1	45	33%
		132	Human Biology Laboratory	48	35	0.32	4.80	144	450	2	60	80%
		225	Biology Of Organisms	18	18	0.52	5.40	162	312	1	30	60%
		230	Cell & Molecular Biology	20	17	0.52	6.13	184	354	1	30	67%
		240	General Microbiology	90	69	0.88	18.40	552	627	3	90	100%
		250	Human Anatomy	168	115	1.76	34.16	1,025	582	6	180	93%
			Human Anatomy - Honors	6	6	0.00	1.20	36	#INF	1	30	20%
		260	Human Physiology	81	68	1.36	25.11	753	554	3	90	90%
		310	Nutrition	75	57	0.40	7.50	225	563	2	90	83%
		695	Independent Study	1	1	0.00	0.03	1	#INF	1	5	20%

**Productivity by Courses by Semester**

			Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate	
Total			862	650	8.20	149.84	4,495	548	30	990	87%	
<b>Spring 2013</b>	BIOL	100	Intro To Life Sciences	45	39	0.20	4.50	135	675	1	40	113%
		103	Native Plants and Wildflowers	14	14	0.29	2.47	74	253	1	30	47%
		110	Principles Of Biology	57	44	0.72	13.40	402	558	3	90	63%
		130	Human Biology	185	150	0.80	18.50	555	694	4	200	93%
			Human Biology - Honors	9	8	0.20	0.90	27	135	1	30	30%
		132	Human Biology Laboratory	32	29	0.16	3.52	106	660	1	30	107%
		225	Biology Of Organisms	26	25	0.52	7.80	234	450	1	30	87%
		230	Cell and Molecular Biology	23	20	0.52	6.90	207	398	1	30	77%
		240	General Microbiology	110	95	1.24	25.87	776	626	4	120	92%
		250	Human Anatomy	163	113	1.76	32.60	978	556	6	180	91%
			Human Anatomy - Honors	15	11	0.16	3.00	90	563	1	30	50%
		260	Human Physiology	133	118	2.52	41.79	1,254	498	6	180	74%
			Intro to Physiology	13	11	0.52	4.12	124	238	1	30	43%
		310	Nutrition	132	89	0.80	13.20	396	495	4	165	80%
Total			957	766	10.41	178.57	5,357	514	35	1,185	81%	
<b>Spring 2014</b>	BIOL	100	Intro To Life Sciences	46	33	0.20	4.60	138	690	1	40	115%
		110	Principles Of Biology	62	47	0.72	12.40	372	517	2	60	103%
		130	Human Biology	188	156	1.00	18.80	564	564	5	238	79%
		132	Human Biology Laboratory	78	66	0.48	7.80	234	488	3	90	87%
		225	Biology Of Organisms	19	18	0.52	5.70	171	329	1	30	63%
		230	Cell and Molecular Biology	24	22	0.52	7.20	216	415	1	30	80%
		240	General Microbiology	75	61	1.08	15.29	459	425	3	90	83%
		250	Human Anatomy	172	107	1.56	34.86	1,046	670	6	180	96%
		260	Human Physiology	63	54	1.36	19.53	586	431	3	90	70%
		310	Nutrition	119	87	0.60	11.90	357	595	3	135	88%
		695	Independent Study	2	2	0.00	0.03	1	#INF	1	4	50%
Total			848	653	8.04	138.12	4,144	515	29	987	86%	
<b>Spring 2015</b>	BIOL	100	Intro To Life Sciences	41	35	0.20	4.10	123	615	1	40	103%
		110	Principles Of Biology	62	53	0.72	12.40	372	517	2	60	103%

**Productivity by Courses by Semester**

			Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate	
	130	Human Biology	183	139	0.80	18.30	549	686	4	200	92%	
	132	Human Biology Laboratory	74	64	0.48	7.40	222	463	3	90	82%	
	225	Biology Of Organisms	28	28	0.52	8.40	252	485	1	30	93%	
	230	Cell and Molecular Biology	32	30	0.52	9.60	288	554	1	30	107%	
	240	General Microbiology	83	70	1.08	17.32	520	481	3	90	92%	
	250	Human Anatomy	153	105	1.56	31.21	936	600	6	180	85%	
	260	Human Physiology	75	68	1.36	22.50	675	496	3	90	83%	
	310	Nutrition	62	45	0.40	6.20	186	465	2	90	69%	
	695	Independent Study	1	1	0.00	0.05	1	#INF	1	5	20%	
	Total		794	638	7.64	137.48	4,124	540	27	905	88%	
<b>Spring 2016</b>	BIOL	100	Intro To Life Sciences	35	30	0.20	3.50	105	525	1	40	88%
		110	Principles Of Biology	58	44	0.72	11.60	348	483	2	60	97%
		130	Human Biology	181	149	0.80	18.10	543	679	4	190	95%
		132	Human Biology Laboratory	74	59	0.48	7.40	222	463	3	85	87%
		225	Biology Of Organisms	16	13	0.52	4.80	144	277	1	30	53%
		230	Cell and Molecular Biology	32	27	0.52	9.60	288	554	1	30	107%
		240	General Microbiology	80	71	1.08	16.00	480	444	3	90	89%
		250	Human Anatomy	126	79	1.40	25.20	756	540	5	150	84%
			Human Anatomy - Honors	11	10	0.00	2.20	66	#INF	1	30	37%
		260	Human Physiology	94	77	1.56	31.32	940	602	3	90	104%
		310	Nutrition	79	63	0.40	7.90	237	593	2	90	88%
	Total		786	622	7.68	137.62	4,129	538	26	885	89%	
<b>Spring 2017</b>	BIOL	100	Intro To Life Sciences	35	29	0.20	3.50	105	525	1	40	88%
		110	Principles Of Biology	56	39	0.72	11.20	336	467	3	90	62%
		130	Human Biology	152	127	1.00	14.89	447	447	5	220	69%
		132	Human Biology Laboratory	43	37	0.32	4.30	129	403	2	60	72%
		225	Biology Of Organisms	30	28	0.52	9.00	270	519	1	30	100%
		230	Cell and Molecular Biology	47	44	0.84	14.10	423	504	2	60	78%
		240	General Microbiology	84	68	0.88	16.80	504	573	3	90	93%
		250	Human Anatomy	141	80	1.40	28.20	846	604	5	150	94%
			Human Anatomy - Honors	6	6	0.00	1.20	36	#INF	1	30	20%

**Productivity by Courses by Semester**

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
		260	Human Physiology	93	79	1.36	28.24	847	623	3	90	103%
		310	Nutrition	56	42	0.40	5.60	168	420	2	90	62%
		Total		743	579	7.64	137.03	4,111	538	28	950	78%
<b>Summer 2012</b>	BIOL	110	Principles Of Biology	28	28	0.36	5.89	177	491	1	30	93%
		130	Human Biology	104	94	0.60	10.75	322	537	3	135	77%
		240	General Microbiology	32	32	0.36	7.71	231	643	1	30	107%
		250	Human Anatomy	61	50	0.52	12.28	368	708	2	60	102%
		260	Human Physiology	30	28	0.52	9.31	279	537	1	30	100%
		310	Nutrition	39	33	0.20	4.10	123	615	1	45	87%
		Total		294	265	2.56	50.04	1,501	586	9	330	89%
<b>Summer 2013</b>	BIOL	110	Principles Of Biology	28	27	0.36	5.89	177	491	1	30	93%
		130	Human Biology	145	116	0.80	14.78	443	554	3	185	78%
		240	General Microbiology	27	23	0.36	5.68	170	473	1	30	90%
		250	Human Anatomy	62	41	0.52	11.92	358	688	2	60	103%
		260	Human Physiology	28	24	0.52	8.78	264	507	1	30	93%
		310	Nutrition	39	23	0.20	3.90	117	585	1	45	87%
		Total		329	254	2.76	50.95	1,529	554	9	380	87%
<b>Summer 2014</b>	BIOL	110	Principles Of Biology	29	26	0.36	6.10	183	508	1	30	97%
		130	Human Biology	116	97	0.80	11.79	354	442	3	180	64%
		240	General Microbiology	24	17	0.36	5.05	151	421	1	30	80%
		250	Human Anatomy	63	48	0.52	12.37	371	714	2	60	105%
		260	Human Physiology	27	20	0.52	8.47	254	489	1	30	90%
		310	Nutrition	16	11	0.20	1.60	48	240	1	45	36%
		Total		275	219	2.76	45.37	1,361	493	9	375	73%
<b>Summer 2015</b>	BIOL	100	Intro To Life Sciences	37	32	0.20	3.70	111	555	1	45	82%
		110	Principles Of Biology	26	22	0.36	5.24	157	437	1	30	87%
		130	Human Biology	110	97	0.60	11.04	331	552	3	135	81%
		240	General Microbiology	28	26	0.36	5.64	169	470	1	30	93%
		250	Human Anatomy	50	39	0.52	10.06	302	580	2	60	83%
		260	Human Physiology	27	24	0.52	8.20	246	473	1	30	90%
		310	Nutrition	35	29	0.20	3.50	105	525	1	45	78%

**Productivity by Courses by Semester**

			<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rate</b>	
Total			313	269	2.76	47.38	1,421	515	10	375	83%	
<b>Summer 2016</b>	BIOL	100	Intro To Life Sciences	41	36	0.20	4.10	123	615	1	45	91%
		110	Principles Of Biology	22	21	0.36	4.43	133	369	1	30	73%
		130	Human Biology	52	47	0.40	5.24	157	393	2	90	58%
		240	General Microbiology	28	27	0.36	5.64	169	470	1	30	93%
		250	Human Anatomy	56	44	0.52	10.54	316	608	2	60	93%
		260	Human Physiology	31	26	0.52	9.41	282	543	1	30	103%
		310	Nutrition	69	61	0.40	6.90	207	518	2	90	77%
	Total			299	262	2.76	46.27	1,388	503	10	375	80%