

Discipline Evaluation: Biology Fall 2011 through Fall 2016

Research Report No. 67-18

Office of Institutional Effectiveness and Student Success
MAY 2018

Northern Virginia Community College
Office of Institutional Effectiveness and Student Success

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Biology Program Data Evaluation: 2011-12 through 2015-2016

Introduction

This Report presents student enrollment and success data for the Biology discipline. During the time period reviewed, Biology program courses were offered at Alexandria, Annandale, Loudoun, Manassas, Woodbridge campuses, and ELI. Section 1 provides unduplicated enrollment data on students in the Biology discipline for Fall 2011 through Fall 2016. Data are disaggregated by gender, race, age, enrollment status, campus, modality, day/night status, and session.

Section 2 presents student success data for the Biology discipline from 2013-2014 through 2015-2016. Student success data includes successful course completion rates disaggregated by campus, modality, dual enrollment status, and session.

Section 3 includes data on Biology FTES, Current Funded Ratio, and FTEF from Fall 2013 through Fall 2016.

Section 1. Biology Student Enrollment Profile

A. Biology Student Profile/ Enrollment

Table 1. BIO Enrollment Profile by Campus: Fall 2012

		Alexandria		Annandale		Loudoun		Manassas		Woodbridge		College-Wide	
Category	Subgroup	#	%	#	%	#	%	#	%	#	%	#	%
Enrollment		1,884	100.0	3,189	100.0	951	100.0	1,021	100.0	770	100.0	7,719	100.0
Gender	Male	679	36.0	1,147	36.0	398	41.9	428	41.9	270	35.1	2,904	37.6
	Female	1,205	64.0	2,042	64.0	553	58.1	593	58.1	500	64.9	4,815	62.4
Race/Ethnicity	White	620	32.9	1,218	38.2	484	50.9	466	45.6	277	36.0	3,027	39.2
	Black/African American	485	25.7	443	13.9	79	8.3	150	14.7	216	28.1	1,348	17.5
	Asian	253	13.4	688	21.6	145	15.2	128	12.5	67	8.7	1,263	16.4
	Hispanic/Latino	391	20.8	600	18.8	161	16.9	195	19.1	146	19.0	1,483	19.2
	American Indian/Alaska Native	8	0.4	5	0.2	3	0.3	7	0.7	2	0.3	25	0.3
	Native Hawaiian/Other Pacific Islander	9	0.5	30	0.9	6	0.6	4	0.4	3	0.4	52	0.7
	Two or More Races	45	2.4	90	2.8	32	3.4	40	3.9	38	4.9	243	3.1
	Unknown	15	0.8	33	1.0	13	1.4	9	0.9	3	0.4	71	0.9
	Not Specified	58	3.1	82	2.6	28	2.9	22	2.2	18	2.3	207	2.7
Age Group	Under 18	2	0.1	26	0.8	13	1.4	9	0.9	9	1.2	59	0.8
	18-21	634	33.7	1,499	47.0	592	62.3	673	65.9	435	56.5	3,808	49.3
	22-24	403	21.4	627	19.7	153	16.1	140	13.7	113	14.7	1,413	18.3
	25-29	391	20.8	503	15.8	82	8.6	87	8.5	94	12.2	1,130	14.6
	30-44	387	20.5	436	13.7	85	8.9	91	8.9	95	12.3	1,078	14.0
	45-59	59	3.1	94	2.9	26	2.7	21	2.1	23	3.0	218	2.8
	60 & Over	8	0.4	4	0.1	.	.	.	.	1	0.1	13	0.2
Enrollment Status	Full-Time	871	46.2	1,714	53.7	559	58.8	620	60.7	458	59.5	4,167	54.0
	Part-Time	1,013	53.8	1,475	46.3	392	41.2	401	39.3	312	40.5	3,552	46.0

College-wide totals are unduplicated. The figures will normally be less than the sum of the campus totals due to students registered at multiple campuses.

Table 2. BIO Enrollment Profile by Campus: Fall 2013

		Alexandria		Annandale		Loudoun		Manassas		Woodbridge		College-Wide	
Category	Subgroup	#	%	#	%	#	%	#	%	#	%	#	%
Enrollment		2,076	100.0	3,420	100.0	1,034	100.0	1,144	100.0	803	100.0	8,373	100.0
Gender	Male	761	36.7	1,237	36.2	451	43.6	436	38.1	245	30.5	3,103	37.1
	Female	1,315	63.3	2,183	63.8	583	56.4	708	61.9	558	69.5	5,270	62.9
Race/Ethnicity	White	619	29.8	1,210	35.4	513	49.6	554	48.4	280	34.9	3,136	37.5
	Black/African American	618	29.8	518	15.1	105	10.2	139	12.2	221	27.5	1,576	18.8
	Asian	236	11.4	756	22.1	149	14.4	134	11.7	79	9.8	1,338	16.0
	Hispanic/Latino	461	22.2	702	20.5	196	19.0	246	21.5	162	20.2	1,753	20.9
	American Indian/Alaska Native	3	0.1	8	0.2	1	0.1	5	0.4	1	0.1	18	0.2
	Native Hawaiian/Other Pacific Islander	9	0.4	32	0.9	4	0.4	6	0.5	.	.	51	0.6
	Two or More Races	62	3.0	115	3.4	37	3.6	40	3.5	44	5.5	293	3.5
	Unknown	28	1.3	33	1.0	16	1.5	13	1.1	4	0.5	93	1.1
	Not Specified	40	1.9	46	1.3	13	1.3	7	0.6	12	1.5	115	1.4
Age Group	Under 18	12	0.6	68	2.0	17	1.6	9	0.8	5	0.6	111	1.3
	18-21	747	36.0	1,659	48.5	679	65.7	752	65.7	459	57.2	4,278	51.1
	22-24	418	20.1	654	19.1	139	13.4	156	13.6	125	15.6	1,463	17.5
	25-29	410	19.7	494	14.4	96	9.3	113	9.9	93	11.6	1,176	14.0
	30-44	408	19.7	456	13.3	89	8.6	88	7.7	104	13.0	1,119	13.4
	45-59	78	3.8	85	2.5	12	1.2	24	2.1	16	2.0	214	2.6
	60 & Over	3	0.1	4	0.1	2	0.2	2	0.2	1	0.1	12	0.1
Enrollment Status	Full-Time	1,031	49.7	1,909	55.8	668	64.6	727	63.5	518	64.5	4,790	57.2
	Part-Time	1,045	50.3	1,511	44.2	366	35.4	417	36.5	285	35.5	3,583	42.8

College-wide totals are unduplicated. The figures will normally be less than the sum of the campus totals due to students registered at multiple campuses.

Table 3. BIO Enrollment Profile by Campus: Fall 2014

		Alexandria		Annandale		Loudoun		Manassas		Woodbridge		College-Wide	
Category	Subgroup	#	%	#	%	#	%	#	%	#	%	#	%
Enrollment		1,766	100.0	3,288	100.0	1,059	100.0	1,141	100.0	892	100.0	8,030	100.0
Gender	Male	579	32.8	1,138	34.6	428	40.4	433	37.9	300	33.6	2,851	35.5
	Female	1,187	67.2	2,150	65.4	631	59.6	708	62.1	592	66.4	5,179	64.5
Race/Ethnicity	White	528	29.9	1,109	33.7	491	46.4	484	42.4	238	26.7	2,807	35.0
	Black/African American	508	28.8	515	15.7	107	10.1	159	13.9	231	25.9	1,498	18.7
	Asian	210	11.9	723	22.0	169	16.0	149	13.1	108	12.1	1,341	16.7
	Hispanic/Latino	401	22.7	713	21.7	216	20.4	267	23.4	237	26.6	1,809	22.5
	American Indian/Alaska Native	8	0.5	13	0.4	2	0.2	6	0.5	3	0.3	32	0.4
	Native Hawaiian/Other Pacific Islander	6	0.3	29	0.9	9	0.8	3	0.3	3	0.3	50	0.6
	Two or More Races	57	3.2	129	3.9	37	3.5	53	4.6	56	6.3	327	4.1
	Unknown	30	1.7	31	0.9	20	1.9	12	1.1	11	1.2	102	1.3
	Not Specified	18	1.0	26	0.8	8	0.8	8	0.7	5	0.6	64	0.8
Age Group	Under 18	9	0.5	31	0.9	12	1.1	7	0.6	6	0.7	65	0.8
	18-21	689	39.0	1,619	49.2	744	70.3	747	65.5	525	58.9	4,295	53.5
	22-24	342	19.4	575	17.5	141	13.3	157	13.8	129	14.5	1,318	16.4
	25-29	362	20.5	520	15.8	71	6.7	106	9.3	104	11.7	1,129	14.1
	30-44	311	17.6	448	13.6	73	6.9	104	9.1	94	10.5	1,007	12.5
	45-59	48	2.7	90	2.7	18	1.7	19	1.7	31	3.5	202	2.5
	60 & Over	5	0.3	5	0.2	.	.	1	0.1	3	0.3	14	0.2
Enrollment Status	Full-Time	871	49.3	1,682	51.2	683	64.5	675	59.2	543	60.9	4,387	54.6
	Part-Time	895	50.7	1,606	48.8	376	35.5	466	40.8	349	39.1	3,643	45.4

College-wide totals are unduplicated. The figures will normally be less than the sum of the campus totals due to students registered at multiple campuses.

Table 4. BIO Enrollment Profile by Campus: Fall 2015

		Alexandria		Annandale		Loudoun		Manassas		Woodbridge		College-Wide	
Category	Subgroup	#	%	#	%	#	%	#	%	#	%	#	%
Enrollment		1,534	100.0	3,349	100.0	1,180	100.0	1,179	100.0	903	100.0	8,046	100.0
Gender	Male	526	34.3	1,187	35.4	512	43.4	449	38.1	307	34.0	2,965	36.9
	Female	1,008	65.7	2,162	64.6	668	56.6	730	61.9	596	66.0	5,081	63.1
Race/Ethnicity	White	490	31.9	1,107	33.1	507	43.0	480	40.7	221	24.5	2,772	34.5
	Black/African American	376	24.5	477	14.2	135	11.4	158	13.4	235	26.0	1,361	16.9
	Asian	193	12.6	735	21.9	188	15.9	148	12.6	108	12.0	1,350	16.8
	Hispanic/Latino	370	24.1	810	24.2	256	21.7	316	26.8	267	29.6	2,003	24.9
	American Indian/Alaska Native	2	0.1	6	0.2	1	0.1	3	0.3	1	0.1	13	0.2
	Native Hawaiian/Other Pacific Islander	5	0.3	27	0.8	5	0.4	5	0.4	2	0.2	44	0.5
	Two or More Races	67	4.4	131	3.9	62	5.3	52	4.4	59	6.5	367	4.6
	Unknown	18	1.2	43	1.3	21	1.8	10	0.8	10	1.1	99	1.2
	Not Specified	13	0.8	13	0.4	5	0.4	7	0.6	.	.	37	0.5
Age Group	Under 18	16	1.0	44	1.3	20	1.7	21	1.8	6	0.7	107	1.3
	18-21	630	41.1	1,728	51.6	782	66.3	743	63.0	566	62.7	4,421	54.9
	22-24	303	19.8	589	17.6	169	14.3	191	16.2	128	14.2	1,358	16.9
	25-29	298	19.4	487	14.5	105	8.9	114	9.7	88	9.7	1,067	13.3
	30-44	251	16.4	409	12.2	87	7.4	94	8.0	89	9.9	908	11.3
	45-59	33	2.2	90	2.7	15	1.3	15	1.3	22	2.4	173	2.2
	60 & Over	3	0.2	2	0.1	2	0.2	1	0.1	4	0.4	12	0.1
Enrollment Status	Full-Time	741	48.3	1,707	51.0	723	61.3	669	56.7	596	66.0	4,386	54.5
	Part-Time	793	51.7	1,642	49.0	457	38.7	510	43.3	307	34.0	3,660	45.5

College-wide totals are unduplicated. The figures will normally be less than the sum of the campus totals due to students registered at multiple campuses.

Table 5. BIO Enrollment Profile by Campus: Fall 2016

		Alexandria		Annandale		Loudoun		Manassas		Woodbridge		College-Wide	
Category	Subgroup	#	%	#	%	#	%	#	%	#	%	#	%
Enrollment		1,307	100.0	3,091	100.0	1,116	100.0	1,111	100.0	954	100.0	7,489	100.0
Gender	Male	450	34.4	1,080	34.9	439	39.3	382	34.4	327	34.3	2,655	35.5
	Female	857	65.6	2,011	65.1	677	60.7	729	65.6	627	65.7	4,834	64.5
Race/Ethnicity	White	342	26.2	1,007	32.6	479	42.9	477	42.9	238	24.9	2,517	33.6
	Black/African American	368	28.2	426	13.8	131	11.7	139	12.5	227	23.8	1,271	17.00
	Asian	179	13.7	658	21.3	183	16.4	142	12.8	114	11.9	1,257	16.8
	Hispanic/Latino	331	25.3	779	25.2	251	22.5	288	25.9	299	31.3	1,929	25.8
	American Indian/Alaska Native	4	0.3	7	0.2	4	0.4	3	0.3	1	0.1	18	0.2
	Native Hawaiian/Other Pacific Islander	5	0.4	13	0.4	8	0.7	3	0.3	4	0.4	33	0.4
	Two or More Races	56	4.3	140	4.5	42	3.8	49	4.4	59	6.2	344	4.6
	Unknown	12	0.9	45	1.5	16	1.4	9	0.8	10	1	90	1.2
	Not Specified	10	0.8	16	0.5	2	0.2	1	0.1	2	0.2	30	0.4
Age Group	Under 18	7	0.5	33	1.1	13	1.2	15	1.4	30	3.1	98	1.3
	18-21	536	41	1,633	52.8	785	70.3	712	64.1	640	67.1	4,280	57.2
	22-24	263	20.1	549	17.8	145	13	159	14.3	113	11.8	1,204	16.1
	25-29	253	19.4	441	14.3	79	7.1	109	9.8	80	8.4	944	12.6
	30-44	216	16.5	378	12.2	83	7.4	92	8.3	73	7.7	821	11.0
	45-59	31	2.4	54	1.7	11	1	23	2.1	16	1.7	135	1.8
	60 & Over	1	0.1	3	0.1	.	.	1	0.1	2	0.2	7	0.1
Enrollment Status	Full-Time	586	44.8	1,598	51.7	663	59.4	635	57.2	573	60.1	4,013	53.6
	Part-Time	721	55.2	1,493	48.3	453	40.6	476	42.8	381	39.9	3,476	46.4

College-wide totals are unduplicated. The figures will normally be less than the sum of the campus totals due to students registered at multiple campuses.

Table 6. BIO Enrollment Profile by Campus: Fall 2017

		Alexandria		Annandale		Loudoun		Manassas		Woodbridge		College-Wide	
Category	Subgroup	#	%	#	%	#	%	#	%	#	%	#	%
Enrollment		1,200	100.0	2,913	100.0	1,321	100.0	1,099	100.0	990	100.0	7,408	100.0
Gender	Male	394	32.8	990	34.0	468	35.4	403	36.7	308	31.1	2,530	34.2
	Female	806	67.2	1,923	66.0	853	64.6	696	63.3	682	68.9	4,878	65.8
Race/Ethnicity	White	326	27.2	958	32.9	586	44.4	446	40.6	214	21.6	2,489	33.6
	Black/African American	296	24.7	419	14.4	125	9.5	118	10.7	241	24.3	1,178	15.9
	Asian	168	14.0	589	20.2	222	16.8	155	14.1	109	11.0	1,220	16.5
	Hispanic/Latino	351	29.3	744	25.5	295	22.3	299	27.2	357	36.1	2,024	27.3
	American Indian/Alaska Native	.	.	5	0.2	3	0.2	5	0.5	4	0.4	17	0.2
	Native Hawaiian/Other Pacific Islander	3	0.3	16	0.5	2	0.2	6	0.5	6	0.6	33	0.4
	Two or More Races	40	3.3	148	5.1	70	5.3	46	4.2	48	4.8	348	4.7
	Unknown	13	1.1	29	1.0	15	1.1	22	2.0	7	0.7	82	1.1
	Not Specified	3	0.3	5	0.2	3	0.2	2	0.2	4	0.4	17	0.2
Age Group	Under 18	7	0.6	37	1.3	261	19.8	12	1.1	50	5.1	367	5.0
	18-21	514	42.8	1,487	51.0	771	58.4	722	65.7	612	61.8	4,074	55.0
	22-24	240	20.0	517	17.7	126	9.5	144	13.1	117	11.8	1,115	15.1
	25-29	200	16.7	431	14.8	82	6.2	117	10.6	99	10.0	898	12.1
	30-44	203	16.9	374	12.8	65	4.9	89	8.1	88	8.9	802	10.8
	45-59	33	2.8	62	2.1	14	1.1	14	1.3	24	2.4	141	1.9
	60 & Over	3	0.3	5	0.2	2	0.2	1	0.1	.	.	11	0.1
Enrollment Status	Full-Time	529	44.1	1,426	49.0	596	45.1	657	59.8	557	56.3	3,708	50.1
	Part-Time	671	55.9	1,487	51.0	725	54.9	442	40.2	433	43.7	3,700	49.9

College-wide totals are unduplicated. The figures will normally be less than the sum of the campus totals due to students registered at multiple campuses.

B. Biology Enrollment by Course and Campus

Table 7. Biology Enrollment by Course: Fall 2013 through Fall 2016

Course	Fall 2013	Fall 2014	Fall 2015	Fall 2016
BIO 101	7,498	6,574	6,806	6,078
BIO 102	2,970	2,954	2,740	2,384
BIO 110	52	28	.	48
BIO 120	178	110	126	134
BIO 141	3,668	3,866	3,884	3,828
BIO 142	1,726	1,950	1,836	1,708
BIO 147	26	29	15	21
BIO 150	672	992	998	1,092
BIO 165	23	24	19	23
BIO 180	25	31	17	.
BIO 195	.	.	48	55
BIO 199	.	.	.	1
BIO 205	400	236	186	168
BIO 206	146	134	122	106
BIO 231	38	16	6	20
BIO 250	46	54	34	40
BIO 253	37	29	16	20
BIO 256	118	128	124	112
BIO 270	.	.	20	.
BIO 290	.	.	2	.
BIO 296	1	1	1	1
BIO 299	2	.	5	.
Total	17,626	17,156	17,005	15,839

Source: IRIS Files

Table 8. Biology Enrollment by Course: Spring 2014 through Spring 2016

Course	Spring 2014	Spring 2015	Spring 2016
BIO 101	6,528	5,156	4,988
BIO 102	4,088	3,808	3,624
BIO 110	56	72	88
BIO 120	80	148	142
BIO 141	3,168	3,070	3,170
BIO 142	2,232	2,174	2,394
BIO 147	15	.	.
BIO 150	800	1,214	1,068
BIO 165	4	.	.
BIO 180	7	.	.
BIO 195	5	.	38
BIO 199	1	4	2
BIO 205	336	216	168
BIO 206	180	232	202
BIO 231	32	12	20
BIO 232	54	.	.
BIO 250	24	.	.
BIO 252	32	52	28
BIO 253	16	4	.
BIO 254	17	28	12
BIO 255	18	28	14
BIO 256	144	126	104
BIO 270	.	24	.
BIO 290	2	2	2
BIO 296	2	3	2
BIO 298	1	1	.
BIO 299	.	4	16
Total	17,842	16,378	16,082

Source: IRIS Files

Table 9. Biology Enrollment by Campus: Fall 2013

Course	AL	AN	LO	MA	WO	College	ELI
BIO 101	1,822	2,594	1,130	1,208	744	7,498	410
BIO 102	698	1,052	372	512	336	2,970	134
BIO 110	0	52	0	0	0	52	0
BIO 120	32	56	44	46	0	178	0
BIO 141	956	1,842	316	286	268	3,668	608
BIO 142	362	1,052	86	92	134	1,726	350
BIO 147	0	0	0	26	0	26	0
BIO 150	158	288	48	90	88	672	102
BIO 165	0	0	0	23	0	23	0
BIO 180	0	0	0	25	0	25	0
BIO 205	118	114	48	30	90	400	0
BIO 206	50	48	48	0	0	146	0
BIO 231	0	38	0	0	0	38	0
BIO 250	0	0	0	46	0	46	0
BIO 253	0	0	10	27	0	37	10
BIO 256	118	0	0	0	0	118	64
BIO 296	0	0	0	1	0	1	0
BIO 299	0	2	0	0	0	2	0
Total	4,314	7,138	2,102	2,412	1,660	17,626	1,678

Source: IRIS Files

Table 10. Biology Enrollment by Campus: Spring 2014

Course	AL	AN	LO	MA	WO	College	ELI
BIO 101	1,638	2,224	906	1,030	730	6,528	364
BIO 102	1,100	1,376	598	720	294	4,088	202
BIO 110	56	0	0	0	0	56	0
BIO 120	34	0	46	0	0	80	0
BIO 141	788	1,776	136	282	186	3,168	578
BIO 142	490	1,148	182	164	248	2,232	352
BIO 147	0	0	15	0	0	15	15
BIO 150	202	384	44	80	90	800	154
BIO 165	0	0	4	0	0	4	0
BIO 180	0	0	7	0	0	7	0
BIO 195	0	5	0	0	0	5	0
BIO 199	1	0	0	0	0	1	0
BIO 205	76	136	46	0	78	336	0
BIO 206	40	50	0	42	48	180	0
BIO 231	32	0	0	0	0	32	0
BIO 232	30	24	0	0	0	54	0
BIO 250	0	0	24	0	0	24	0
BIO 252	0	0	0	32	0	32	0
BIO 253	0	0	16	0	0	16	16
BIO 254	0	0	0	17	0	17	0
BIO 255	0	0	0	18	0	18	10
BIO 256	104	40	0	0	0	144	104
BIO 290	0	0	1	0	1	2	0
BIO 296	0	0	0	2	0	2	0
BIO 298	0	0	0	1	0	1	0
Total	4,591	7,163	2,025	2,388	1,675	17,842	1,795

Source: IRIS Files

Table 11. Biology Enrollment by Campus: Fall 2014

Course	AL	AN	LO	MA	WO	College	ELI
BIO 101	1,318	2,260	1,202	1,026	768	6,574	462
BIO 102	758	998	326	542	330	2,954	206
BIO 110	0	28	0	0	0	28	0
BIO 120	30	0	46	34	0	110	0
BIO 141	812	1,954	378	372	350	3,866	632
BIO 142	422	1,126	84	138	180	1,950	352
BIO 147	0	0	0	29	0	29	0
BIO 150	202	408	42	158	182	992	156
BIO 165	0	0	0	24	0	24	0
BIO 180	0	0	0	31	0	31	0
BIO 205	38	102	30	26	40	236	0
BIO 206	42	42	50	0	0	134	0
BIO 231	0	16	0	0	0	16	16
BIO 250	0	0	0	54	0	54	0
BIO 253	0	0	7	22	0	29	7
BIO 256	128	0	0	0	0	128	100
BIO 296	0	0	0	1	0	1	0
Total	3,750	6,934	2,165	2,457	1,850	17,156	1,931

Source: IRIS Files

Table 12. Biology Enrollment by Campus: Spring 2015

Course	AL	AN	LO	MA	WO	College	ELI
BIO 101	940	1,750	906	814	746	5,156	524
BIO 102	820	1,308	614	638	428	3,808	248
BIO 110	32	0	0	40	0	72	0
BIO 120	46	54	48	0	0	148	0
BIO 141	714	1,650	222	306	178	3,070	496
BIO 142	364	1,056	228	228	298	2,174	342
BIO 150	232	466	88	234	194	1,214	126
BIO 199	3	1	0	0	0	4	0
BIO 205	52	118	46	0	0	216	0
BIO 206	60	50	44	44	34	232	0
BIO 231	0	12	0	0	0	12	12
BIO 252	0	0	0	52	0	52	0
BIO 253	0	0	4	0	0	4	4
BIO 254	0	0	0	28	0	28	0
BIO 255	0	0	0	28	0	28	14
BIO 256	52	32	0	42	0	126	52
BIO 270	0	24	0	0	0	24	0
BIO 290	0	0	2	0	0	2	0
BIO 296	0	0	2	1	0	3	0
BIO 298	0	0	0	1	0	1	0
BIO 299	0	4	0	0	0	4	0
Total	3,315	6,525	2,204	2,456	1,878	16,378	1,818

Source: IRIS Files

Table 13. Biology Enrollment by Campus: Fall 2015

Course	AL	AN	LO	MA	WO	College	ELI
BIO 101	1,242	2,426	1,230	1,114	794	6,806	524
BIO 102	624	924	400	424	368	2,740	224
BIO 120	32	0	46	48	0	126	0
BIO 141	756	1,892	476	370	390	3,884	616
BIO 142	314	1,132	92	164	134	1,836	324
BIO 147	0	0	0	15	0	15	0
BIO 150	142	422	64	196	174	998	94
BIO 165	0	0	0	19	0	19	6
BIO 180	0	0	0	17	0	17	0
BIO 195	0	0	48	0	0	48	0
BIO 205	32	92	0	32	30	186	0
BIO 206	34	48	40	0	0	122	0
BIO 231	0	6	0	0	0	6	6
BIO 250	0	0	0	34	0	34	0
BIO 253	0	0	0	16	0	16	0
BIO 256	90	0	0	34	0	124	60
BIO 270	0	20	0	0	0	20	0
BIO 290	0	0	1	0	1	2	0
BIO 296	0	0	0	1	0	1	0
BIO 299	0	0	0	5	0	5	0
Total	3,266	6,962	2,397	2,489	1,891	17,005	1,854

Source: IRIS Files

Table 14. Biology Enrollment by Campus: Spring 2016

Course	AL	AN	LO	MA	WO	College	ELI
BIO 101	976	1,716	832	820	644	4,988	538
BIO 102	648	1,362	582	624	408	3,624	258
BIO 110	56	0	0	32	0	88	0
BIO 120	26	46	42	28	0	142	0
BIO 141	572	1,714	264	356	264	3,170	626
BIO 142	476	1,168	216	264	270	2,394	348
BIO 150	198	438	46	200	186	1,068	122
BIO 195	0	0	38	0	0	38	0
BIO 199	2	0	0	0	0	2	0
BIO 205	32	82	34	20	0	168	0
BIO 206	54	44	26	44	34	202	0
BIO 231	0	20	0	0	0	20	20
BIO 252	0	0	0	28	0	28	0
BIO 254	0	0	0	12	0	12	0
BIO 255	0	0	0	14	0	14	0
BIO 256	48	28	0	28	0	104	48
BIO 290	0	0	2	0	0	2	0
BIO 296	0	0	0	2	0	2	0
BIO 299	0	16	0	0	0	16	0
Total	3,088	6,634	2,082	2,472	1,806	16,082	1,960

Source: IRIS Files

Table 15. Biology Enrollment by Campus: Fall 2016

Course	AL	AN	LO	MA	WO	College	ELI
BIO 101	896	2,190	1,100	978	914	6,078	116
BIO 102	348	1,010	370	384	272	2,384	26
BIO 110	0	48	0	0	0	48	0
BIO 120	38	0	48	48	0	134	0
BIO 141	752	1,750	492	404	430	3,828	576
BIO 142	348	936	86	162	176	1,708	292
BIO 147	0	0	0	21	0	21	0
BIO 150	214	412	94	210	162	1,092	104
BIO 165	0	0	0	23	0	23	23
BIO 195	0	0	55	0	0	55	0
BIO 199	0	1	0	0	0	1	0
BIO 205	28	100	0	40	0	168	0
BIO 206	40	40	26	0	0	106	0
BIO 231	0	20	0	0	0	20	0
BIO 250	0	0	0	40	0	40	0
BIO 253	0	0	0	20	0	20	10
BIO 256	86	0	0	26	0	112	60
BIO 296	0	0	0	1	0	1	0
Total	2,750	6,507	2,271	2,357	1,954	15,839	1,207

Source: IRIS Files

C. Biology Enrollment by Modality

Table 16. Biology Enrollment by Modality: Fall 2013

Course	Face-to-Face				Hybrid				Online				Independent Study			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	260	42.1	7,034	44.4	260	42.1	7,034	44.4	8	15.7	205	14.7	.	.	.	.
BIO 102	110	17.8	2,811	17.8	4	23.5	92	22.9	3	5.9	67	4.8	.	.	.	.
BIO 110	2	0.3	52	0.3	.	.	.	.	.	.	.	.	.	.	.	.
BIO 120	8	1.3	178	1.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 141	111	18	3,022	19.1	.	.	.	.	22	43.1	646	46.4	.	.	.	.
BIO 142	59	9.6	1,376	8.7	.	.	.	.	12	23.5	350	25.1	.	.	.	.
BIO 147	2	0.3	26	0.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 150	24	3.9	570	3.6	3	17.6	51	12.7	3	5.9	51	3.7	.	.	.	.
BIO 165	2	0.3	23	0.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 180	2	0.3	25	0.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 205	20	3.2	400	2.5	.	.	.	.	.	.	.	.	.	.	.	.
BIO 206	6	1	146	0.9	.	.	.	.	.	.	.	.	.	.	.	.
BIO 231	2	0.3	38	0.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 250	4	0.6	46	0.3	.	.	.	.	.	.	.	.	.	.	.	.
BIO 253	2	0.3	27	0.2	.	.	.	.	1	2	10	0.7	.	.	.	.
BIO 256	2	0.3	54	0.3	.	.	.	.	2	3.9	64	4.6	.	.	.	.
BIO 296	1	0.2	1	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 299	.	.	.	.	.	.	.	.	.	.	.	.	1	100	2	100
Total	617	100	15,829	100	17	100	402	100	51	100	1,393	100	1	100	2	100

Table 17. Biology Enrollment by Modality: Spring 2014

Course	Face-to-Face				Hybrid				Online				Independent Study			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	234	37	6,164	38.5	6	50	182	58.3	6	10.2	182	11.8	.	.	.	.
BIO 102	146	23.1	3,833	24	2	16.7	53	17	8	13.6	202	13.2	.	.	.	.
BIO 110	2	0.3	56	0.4	.	.	.	.	.	.	.	.	.	.	.	.
BIO 120	4	0.6	80	0.5	.	.	.	.	.	.	.	.	.	.	.	.
BIO 141	97	15.3	2,590	16.2	.	.	.	.	20	33.9	578	37.6	.	.	.	.
BIO 142	75	11.9	1,880	11.8	.	.	.	.	14	23.7	352	22.9	.	.	.	.
BIO 147	.	.	.	.	.	.	.	.	1	1.7	15	1	.	.	.	.
BIO 150	28	4.4	646	4	4	33.3	77	24.7	4	6.8	77	5	.	.	.	.
BIO 165	1	0.2	4	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 180	1	0.2	7	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 195	1	0.2	5	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 199	.	.	.	.	.	.	.	.	.	.	.	.	1	100	1	100
BIO 205	16	2.5	336	2.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 206	8	1.3	180	1.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 231	2	0.3	32	0.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 232	4	0.6	54	0.3	.	.	.	.	.	.	.	.	.	.	.	.
BIO 250	2	0.3	24	0.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 252	2	0.3	32	0.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 253	.	.	.	.	.	.	.	.	1	1.7	16	1	.	.	.	.
BIO 254	1	0.2	17	0.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 255	1	0.2	8	0.1	.	.	.	.	1	1.7	10	0.7	.	.	.	.
BIO 256	2	0.3	40	0.3	.	.	.	.	4	6.8	104	6.8	.	.	.	.
BIO 290	2	0.3	2	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 296	2	0.3	2	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 298	1	0.2	1	0	.	.	.	.	.	.	.	.	.	.	.	.
Total	632	100	15,993	100	12	100	312	100	59	100	1,536	100	1	100	1	100

Table 18. Biology Enrollment by Modality: Fall 2014

Course	Face-to-Face				Hybrid				Online			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	242	37.7	5,954	39.5	8	66.7	158	66.9	18	23.4	462	24.9
BIO 102	117	18.2	2,748	18.2	.	.	.	.	10	13	206	11.1
BIO 110	2	0.3	28	0.2	.	.	.	.	.	.	.	.
BIO 120	6	0.9	110	0.7	.	.	.	.	.	.	.	.
BIO 141	131	20.4	3,234	21.5	.	.	.	.	24	31.2	632	34.1
BIO 142	72	11.2	1,598	10.6	.	.	.	.	16	20.8	352	19
BIO 147	2	0.3	29	0.2	.	.	.	.	.	.	.	.
BIO 150	38	5.9	836	5.5	4	33.3	78	33.1	4	5.2	78	4.2
BIO 165	1	0.2	24	0.2	.	.	.	.	.	.	.	.
BIO 180	1	0.2	31	0.2	.	.	.	.	.	.	.	.
BIO 205	16	2.5	236	1.6	.	.	.	.	.	.	.	.
BIO 206	6	0.9	134	0.9	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.6	16	0.9
BIO 250	4	0.6	54	0.4	.	.	.	.	.	.	.	.
BIO 253	1	0.2	22	0.1	.	.	.	.	1	1.3	7	0.4
BIO 256	2	0.3	28	0.2	.	.	.	.	2	2.6	100	5.4
BIO 296	1	0.2	1	0	.	.	.	.	.	.	.	.
Total	642	100	15,067	100	12	100	236	100	77	100	1,853	100

Table 19. Biology Enrollment by Modality: Spring 2015

Course	Face-to-Face				Hybrid				Online				Independent Study			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	184	29.8	4,558	31.8	4	30.8	74	25.7	20	23.5	524	29.9	.	.	.	.
BIO 102	146	23.6	3,480	24.3	3	23.1	80	27.8	12	14.1	248	14.1	.	.	.	.
BIO 110	4	0.6	72	0.5	.	.	.	.	.	.	.	.	.	.	.	.
BIO 120	6	1	148	1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 141	108	17.5	2,574	18	.	.	.	.	24	28.2	496	28.3	.	.	.	.
BIO 142	83	13.4	1,782	12.4	2	15.4	50	17.4	20	23.5	342	19.5	.	.	.	.
BIO 150	50	8.1	1,067	7.4	4	30.8	84	29.2	3	3.5	63	3.6	.	.	.	.
BIO 199	.	.	.	.	.	.	.	.	.	.	.	.	2	100	4	100
BIO 205	10	1.6	216	1.5	.	.	.	.	.	.	.	.	.	.	.	.
BIO 206	11	1.8	232	1.6	.	.	.	.	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.4	12	0.7	.	.	.	.
BIO 252	3	0.5	52	0.4	.	.	.	.	.	.	.	.	.	.	.	.
BIO 253	.	.	.	.	.	.	.	.	1	1.2	4	0.2	.	.	.	.
BIO 254	1	0.2	28	0.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 255	1	0.2	14	0.1	.	.	.	.	1	1.2	14	0.8	.	.	.	.
BIO 256	4	0.6	74	0.5	.	.	.	.	2	2.4	52	3	.	.	.	.
BIO 270	2	0.3	24	0.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 290	1	0.2	2	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 296	2	0.3	3	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 298	1	0.2	1	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 299	1	0.2	4	0	.	.	.	.	.	.	.	.	.	.	.	.
Total	618	100	14,331	100	13	100	288	100	85	100	1,755	100	2	100	4	100

Table 20. Biology Enrollment by Modality: Fall 2015

Course	Face-to-Face				Hybrid				Online			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	243	37.6	6,282	41.5	.	.	.	.	18	25	524	29
BIO 102	107	16.5	2,516	16.6	.	.	.	.	10	13.9	224	12.4
BIO 120	6	0.9	126	0.8	.	.	.	.	.	.	.	.
BIO 141	141	21.8	3,268	21.6	.	.	.	.	24	33.3	616	34.1
BIO 142	66	10.2	1,512	10	.	.	.	.	12	16.7	324	17.9
BIO 147	2	0.3	15	0.1	.	.	.	.	.	.	.	.
BIO 150	46	7.1	904	6	3	100	47	100	3	4.2	47	2.6
BIO 165	1	0.2	13	0.1	.	.	.	.	1	1.4	6	0.3
BIO 180	1	0.2	17	0.1	.	.	.	.	.	.	.	.
BIO 195	2	0.3	48	0.3	.	.	.	.	.	.	.	.
BIO 205	10	1.5	186	1.2	.	.	.	.	.	.	.	.
BIO 206	6	0.9	122	0.8	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.8	6	0.3
BIO 250	4	0.6	34	0.2	.	.	.	.	.	.	.	.
BIO 253	2	0.3	16	0.1	.	.	.	.	.	.	.	.
BIO 256	4	0.6	64	0.4	.	.	.	.	2	2.8	60	3.3
BIO 270	2	0.3	20	0.1	.	.	.	.	.	.	.	.
BIO 290	2	0.3	2	0	.	.	.	.	.	.	.	.
BIO 296	1	0.2	1	0	.	.	.	.	.	.	.	.
BIO 299	1	0.2	5	0	.	.	.	.	.	.	.	.
Total	647	100	15,151	100	3	100	47	100	72	100	1,807	100

Table 21. Biology Enrollment by Modality: Spring 2016

	Face-to-Face				Hybrid				Online				Independent Study			
Course	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	177	29.4	4,450	31.6	.	.	.	.	20	25.3	538	28.3	.	.	.	.
BIO 102	136	22.6	3,366	23.9	.	.	.	.	12	15.2	258	13.6	.	.	.	.
BIO 110	4	0.7	88	0.6	.	.	.	.	.	.	.	.	.	.	.	.
BIO 120	8	1.3	142	1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 141	105	17.4	2,524	17.9	1	25	20	24.7	24	30.4	626	33	.	.	.	.
BIO 142	92	15.3	2,046	14.5	.	.	.	.	16	20.3	348	18.3	.	.	.	.
BIO 150	43	7.1	946	6.7	3	75	61	75.3	3	3.8	61	3.2	.	.	.	.
BIO 195	2	0.3	38	0.3	.	.	.	.	.	.	.	.	.	.	.	.
BIO 199	1	0.2	1	0	.	.	.	.	.	.	.	.	1	100	1	100
BIO 205	10	1.7	168	1.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 206	10	1.7	202	1.4	.	.	.	.	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.5	20	1.1	.	.	.	.
BIO 252	2	0.3	28	0.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 254	1	0.2	12	0.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 255	1	0.2	14	0.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 256	6	1	56	0.4	.	.	.	.	2	2.5	48	2.5	.	.	.	.
BIO 290	1	0.2	2	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 296	1	0.2	2	0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 299	3	0.5	16	0.1	.	.	.	.	.	.	.	.	.	.	.	.
Total	603	100	14,101	100	4	100	81	100	79	100	1,899	100	1	100	1	100

Table 22. Biology Enrollment by Modality: Fall 2016

Course	Face-to-Face				Hybrid				Online				Independent Study			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	236	37.8	5,962	40.7	1	25	16	23.5	6	11.5	100	8.8	.	.	.	.
BIO 102	99	15.8	2,358	16.1	.	.	.	.	3	5.8	26	2.3	.	.	.	.
BIO 110	2	0.3	48	0.3	.	.	.	.	.	.	.	.	.	.	.	.
BIO 120	6	1	134	0.9	.	.	.	.	.	.	.	.	.	.	.	.
BIO 141	135	21.6	3,252	22.2	.	.	.	.	24	46.2	576	50.6	.	.	.	.
BIO 142	66	10.6	1,416	9.7	.	.	.	.	12	23.1	292	25.6	.	.	.	.
BIO 147	2	0.3	21	0.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 150	48	7.7	988	6.8	3	75	52	76.5	3	5.8	52	4.6	.	.	.	.
BIO 165	.	.	.	.	.	.	.	.	1	1.9	23	2	.	.	.	.
BIO 195	3	0.5	55	0.4	.	.	.	.	.	.	.	.	.	.	.	.
BIO 199	.	.	.	.	.	.	.	.	.	.	.	.	1	100	1	100
BIO 205	10	1.6	168	1.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 206	6	1	106	0.7	.	.	.	.	.	.	.	.	.	.	.	.
BIO 231	2	0.3	20	0.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 250	4	0.6	40	0.3	.	.	.	.	.	.	.	.	.	.	.	.
BIO 253	1	0.2	10	0.1	.	.	.	.	1	1.9	10	0.9	.	.	.	.
BIO 256	4	0.6	52	0.4	.	.	.	.	2	3.8	60	5.3	.	.	.	.
BIO 296	1	0.2	1	0	.	.	.	.	.	.	.	.	.	.	.	.
Total	625	100	14,631	100	4	100	68	100	52	100	1,139	100	1	100	1	100

D. Biology Enrollment by Day/Night Status

Table 23. Biology Enrollment by Day/Night Status: Fall 2013

Course	Day				Night				Online			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	233	43.3	6,314	45.6	37	38.1	979	41.1	8	15.7	205	14.7
BIO 102	92	17.1	2,400	17.3	22	22.7	503	21.1	3	5.9	67	4.8
BIO 110	2	0.4	52	0.4	.	.	.	.	.	.	.	.
BIO 120	8	1.5	178	1.3	.	.	.	.	.	.	.	.
BIO 141	94	17.5	2,546	18.4	17	17.5	476	20	22	43.1	646	46.4
BIO 142	52	9.7	1,191	8.6	7	7.2	185	7.8	12	23.5	350	25.1
BIO 147	2	0.4	26	0.2	.	.	.	.	.	.	.	.
BIO 150	23	4.3	531	3.8	4	4.1	90	3.8	3	5.9	51	3.7
BIO 165	1	0.2	10	0.1	1	1	13	0.5	.	.	.	.
BIO 180	1	0.2	14	0.1	1	1	11	0.5	.	.	.	.
BIO 205	15	2.8	298	2.2	5	5.2	102	4.3	.	.	.	.
BIO 206	6	1.1	146	1.1	.	.	.	.	.	.	.	.
BIO 231	2	0.4	38	0.3	.	.	.	.	.	.	.	.
BIO 250	2	0.4	32	0.2	2	2.1	14	0.6	.	.	.	.
BIO 253	1	0.2	16	0.1	1	1	11	0.5	1	2	10	0.7
BIO 256	2	0.4	54	0.4	.	.	.	.	2	3.9	64	4.6
BIO 296	1	0.2	1	0	.	.	.	.	.	.	.	.
BIO 299	1	0.2	2	0	.	.	.	.	.	.	.	.
Total	538	100	13,849	100	97	100	2,384	100	51	100	1,393	100

Table 24. Biology Enrollment by Day/Night Status: Spring 2014

	Day				Night				Online				
	Course	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	204	37.5		5,376	39.2	36	35.6	970	37.7	6	10.2	182	11.8
BIO 102	127	23.3		3,296	24	21	20.8	590	22.9	8	13.6	202	13.2
BIO 110	2	0.4		56	0.4	.	.	.	.	.	.	.	.
BIO 120	4	0.7		80	0.6	.	.	.	.	.	.	.	.
BIO 141	79	14.5		2,109	15.4	18	17.8	481	18.7	20	33.9	578	37.6
BIO 142	65	11.9		1,622	11.8	10	9.9	258	10	14	23.7	352	22.9
BIO 147	.	.	.	.	.	.	.	.	.	1	1.7	15	1
BIO 150	28	5.1		635	4.6	4	4	88	3.4	4	6.8	77	5
BIO 165	.	.	.	.	.	1	1	4	0.2	.	.	.	.
BIO 180	.	.	.	.	.	1	1	7	0.3	.	.	.	.
BIO 195	1	0.2		5	0	.	.	.	.	.	.	.	.
BIO 199	1	0.2		1	0	.	.	.	.	.	.	.	.
BIO 205	11	2		232	1.7	5	5	104	4	.	.	.	.
BIO 206	8	1.5		180	1.3	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	2	2	32	1.2	.	.	.	.
BIO 232	4	0.7		54	0.4	.	.	.	.	.	.	.	.
BIO 250	.	.	.	.	.	2	2	24	0.9	.	.	.	.
BIO 252	2	0.4		32	0.2	.	.	.	.	.	.	.	.
BIO 253	.	.	.	.	.	.	.	.	.	1	1.7	16	1
BIO 254	.	.	.	.	.	1	1	17	0.7	.	.	.	.
BIO 255	1	0.2		8	0.1	.	.	.	.	1	1.7	10	0.7
BIO 256	2	0.4		40	0.3	.	.	.	.	4	6.8	104	6.8
BIO 290	2	0.4		2	0	.	.	.	.	.	.	.	.
BIO 296	2	0.4		2	0	.	.	.	.	.	.	.	.
BIO 298	1	0.2		1	0	.	.	.	.	.	.	.	.
Total	544	100		13,731	100	101	100	2,575	100	59	100	1,536	100

Table 25. Biology Enrollment by Day/Night Status: Fall 2014

Course	Day				Night				Online			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	220	39.7	5,432	41.5	30	30	680	30.5	18	23.4	462	24.9
BIO 102	96	17.3	2,270	17.4	21	21	478	21.5	10	13	206	11.1
BIO 110	2	0.4	28	0.2	.	.	.	.	.	.	.	.
BIO 120	6	1.1	110	0.8	.	.	.	.	.	.	.	.
BIO 141	111	20	2,778	21.2	20	20	456	20.5	24	31.2	632	34.1
BIO 142	61	11	1,356	10.4	11	11	242	10.9	16	20.8	352	19
BIO 147	2	0.4	29	0.2	.	.	.	.	.	.	.	.
BIO 150	32	5.8	708	5.4	10	10	206	9.2	4	5.2	78	4.2
BIO 165	.	.	.	.	1	1	24	1.1	.	.	.	.
BIO 180	.	.	.	.	1	1	31	1.4	.	.	.	.
BIO 205	13	2.3	169	1.3	3	3	67	3	.	.	.	.
BIO 206	6	1.1	134	1	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.6	16	0.9
BIO 250	2	0.4	32	0.2	2	2	22	1	.	.	.	.
BIO 253	.	.	.	.	1	1	22	1	1	1.3	7	0.4
BIO 256	2	0.4	28	0.2	.	.	.	.	2	2.6	100	5.4
BIO 296	1	0.2	1	0	.	.	.	.	.	.	.	.
Total	554	100	13,075	100	100	100	2,228	100	77	100	1,853	100

Table 26. Biology Enrollment by Day/Night Status: Spring 2015

Course	Day				Night				Online			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	162	30.2	3,974	32.1	26	27.1	658	29.4	20	23.5	524	29.9
BIO 102	126	23.5	3,035	24.5	23	24	525	23.4	12	14.1	248	14.1
BIO 110	4	0.7	72	0.6	.	.	.	.	.	.	.	.
BIO 120	6	1.1	148	1.2	.	.	.	.	.	.	.	.
BIO 141	92	17.1	2,177	17.6	16	16.7	397	17.7	24	28.2	496	28.3
BIO 142	69	12.8	1,488	12	16	16.7	344	15.4	20	23.5	342	19.5
BIO 150	45	8.4	955	7.7	9	9.4	196	8.7	3	3.5	63	3.6
BIO 199	2	0.4	4	0	.	.	.	.	.	.	.	.
BIO 205	8	1.5	172	1.4	2	2.1	44	2	.	.	.	.
BIO 206	11	2	232	1.9	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.4	12	0.7
BIO 252	2	0.4	38	0.3	1	1	14	0.6	.	.	.	.
BIO 253	.	.	.	.	.	.	.	.	1	1.2	4	0.2
BIO 254	.	.	.	.	1	1	28	1.2	.	.	.	.
BIO 255	.	.	.	.	1	1	14	0.6	1	1.2	14	0.8
BIO 256	3	0.6	53	0.4	1	1	21	0.9	2	2.4	52	3
BIO 270	2	0.4	24	0.2	.	.	.	.	.	.	.	.
BIO 290	1	0.2	2	0	.	.	.	.	.	.	.	.
BIO 296	2	0.4	3	0	.	.	.	.	.	.	.	.
BIO 298	1	0.2	1	0	.	.	.	.	.	.	.	.
BIO 299	1	0.2	4	0	.	.	.	.	.	.	.	.
Total	537	100	12,382	100	96	100	2,241	100	85	100	1,755	100

Table 27. Biology Enrollment by Day/Night Status: Fall 2015

Course	Day				Night				Online			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	213	38.4	5,461	42.3	30	31.6	821	35.9	18	25	524	29
BIO 102	90	16.2	2,111	16.4	17	17.9	405	17.7	10	13.9	224	12.4
BIO 120	6	1.1	126	1	.	.	.	.	.	.	.	.
BIO 141	122	22	2,812	21.8	19	20	456	19.9	24	33.3	616	34.1
BIO 142	54	9.7	1,213	9.4	12	12.6	299	13.1	12	16.7	324	17.9
BIO 147	2	0.4	15	0.1	.	.	.	.	.	.	.	.
BIO 150	39	7	741	5.7	10	10.5	210	9.2	3	4.2	47	2.6
BIO 165	.	.	.	.	1	1.1	13	0.6	1	1.4	6	0.3
BIO 180	1	0.2	17	0.1	.	.	.	.	.	.	.	.
BIO 195	2	0.4	48	0.4	.	.	.	.	.	.	.	.
BIO 205	8	1.4	142	1.1	2	2.1	44	1.9	.	.	.	.
BIO 206	6	1.1	122	0.9	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.8	6	0.3
BIO 250	2	0.4	18	0.1	2	2.1	16	0.7	.	.	.	.
BIO 253	1	0.2	10	0.1	1	1.1	6	0.3	.	.	.	.
BIO 256	3	0.5	47	0.4	1	1.1	17	0.7	2	2.8	60	3.3
BIO 270	2	0.4	20	0.2	.	.	.	.	.	.	.	.
BIO 290	2	0.4	2	0	.	.	.	.	.	.	.	.
BIO 296	1	0.2	1	0	.	.	.	.	.	.	.	.
BIO 299	1	0.2	5	0	.	.	.	.	.	.	.	.
Total	555	100	12,911	100	95	100	2,287	100	72	100	1,807	100

Source: IRIS Files

Table 28. Biology Enrollment by Day/Night Status: Spring 2016

Course	Day				Night				Online			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	154	29.7	3,808	31.8	23	25.6	642	28.8	20	25.3	538	28.3
BIO 102	118	22.8	2,911	24.3	18	20	455	20.4	12	15.2	258	13.6
BIO 110	4	0.8	88	0.7	.	.	.	.	.	.	.	.
BIO 120	8	1.5	142	1.2	.	.	.	.	.	.	.	.
BIO 141	89	17.2	2,141	17.9	17	18.9	403	18.1	24	30.4	626	33
BIO 142	74	14.3	1,611	13.5	18	20	435	19.5	16	20.3	348	18.3
BIO 150	37	7.1	804	6.7	9	10	203	9.1	3	3.8	61	3.2
BIO 195	2	0.4	38	0.3	.	.	.	.	.	.	.	.
BIO 199	2	0.4	2	0	.	.	.	.	.	.	.	.
BIO 205	8	1.5	120	1	2	2.2	48	2.2	.	.	.	.
BIO 206	10	1.9	202	1.7	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.5	20	1.1
BIO 252	1	0.2	14	0.1	1	1.1	14	0.6	.	.	.	.
BIO 254	.	.	.	.	1	1.1	12	0.5	.	.	.	.
BIO 255	1	0.2	14	0.1	.	.	.	.	.	.	.	.
BIO 256	5	1	42	0.4	1	1.1	14	0.6	2	2.5	48	2.5
BIO 290	1	0.2	2	0	.	.	.	.	.	.	.	.
BIO 296	1	0.2	2	0	.	.	.	.	.	.	.	.
BIO 299	3	0.6	16	0.1	.	.	.	.	.	.	.	.
Total	518	100	11,957	100	90	100	2,226	100	79	100	1,899	100

Source: IRIS Files

Table 29. Biology Enrollment by Day/Night Status: Fall 2016

Course	Day				Night				Online			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	209	38.6	5,284	41.7	29	32.2	706	34.5	5	9.8	88	7.8
BIO 102	83	15.3	1,987	15.7	16	17.8	371	18.1	3	5.9	26	2.3
BIO 110	2	0.4	48	0.4	.	.	.	.	.	.	.	.
BIO 120	6	1.1	134	1.1	.	.	.	.	.	.	.	.
BIO 141	120	22.2	2,907	23	15	16.7	345	16.8	24	47.1	576	51.1
BIO 142	55	10.2	1,172	9.3	11	12.2	244	11.9	12	23.5	292	25.9
BIO 147	2	0.4	21	0.2	.	.	.	.	.	.	.	.
BIO 150	39	7.2	772	6.1	12	13.3	268	13.1	3	5.9	52	4.6
BIO 165	.	.	.	.	.	.	.	.	1	2	23	2
BIO 195	3	0.6	55	0.4	.	.	.	.	.	.	.	.
BIO 199	1	0.2	1	0	.	.	.	.	.	.	.	.
BIO 205	7	1.3	94	0.7	3	3.3	74	3.6	.	.	.	.
BIO 206	6	1.1	106	0.8	.	.	.	.	.	.	.	.
BIO 231	1	0.2	10	0.1	1	1.1	10	0.5	.	.	.	.
BIO 250	2	0.4	22	0.2	2	2.2	18	0.9	.	.	.	.
BIO 253	1	0.2	10	0.1	.	.	.	.	1	2	10	0.9
BIO 256	3	0.6	39	0.3	1	1.1	13	0.6	2	3.9	60	5.3
BIO 296	1	0.2	1	0	.	.	.	.	.	.	.	.
Total	541	100	12,663	100	90	100	2,049	100	51	100	1,127	100

Source: IRIS Files

E. Biology Enrollment by Session

Table 30. Biology Enrollment by Session: Fall 2013

Course	8-Week-1				8-Week-2				16-Week				Dynamic			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	6	30	132	28.6	.	.	.	.	250	43.4	6,846	45.6	22	31	520	28.5
BIO 102	.	.	.	.	6	31.6	106	31.8	105	18.2	2,730	18.2	6	8.5	134	7.3
BIO 110	.	.	.	.	.	.	.	.	2	0.3	52	0.3	.	.	.	.
BIO 120	.	.	.	.	.	.	.	.	8	1.4	178	1.2	.	.	.	.
BIO 141	10	50	278	60.3	.	.	.	.	101	17.5	2,744	18.3	22	31	646	35.4
BIO 142	.	.	.	.	10	52.6	202	60.7	49	8.5	1,174	7.8	12	16.9	350	19.2
BIO 147	2	10	26	5.6	.	.	.	.	.	.	.	.	.	.	.	.
BIO 150	.	.	.	.	.	.	.	.	24	4.2	570	3.8	6	8.5	102	5.6
BIO 165	.	.	.	.	2	10.5	23	6.9	.	.	.	.	.	.	.	.
BIO 180	2	10	25	5.4	.	.	.	.	.	.	.	.	.	.	.	.
BIO 205	.	.	.	.	.	.	.	.	20	3.5	400	2.7	.	.	.	.
BIO 206	.	.	.	.	.	.	.	.	6	1	146	1	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	0.3	38	0.3	.	.	.	.
BIO 250	.	.	.	.	.	.	.	.	4	0.7	46	0.3	.	.	.	.
BIO 253	.	.	.	.	.	.	.	.	2	0.3	27	0.2	1	1.4	10	0.5
BIO 256	.	.	.	.	.	.	.	.	2	0.3	54	0.4	2	2.8	64	3.5
BIO 296	.	.	.	.	.	.	.	.	1	0.2	1	0	.	.	.	.
BIO 299	.	.	.	.	1	5.3	2	0.6	.	.	.	.	.	.	.	.
Total	20	100	461	100	19	100	333	100	576	100	15,006	100	71	100	1,826	100

Source: IRIS Files

Note: 10-week, 12-week & 14 week courses were not offered.

Table 31. Biology Enrollment by Session: Spring 2014

Course	8-Week-1				8-Week-2				16-Week				Dynamic			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	8	38.1	190	35.5	.	.	.	.	224	38.1	5,956	39.8	14	18.2	382	20.2
BIO 102	6	33.3	148	32	138	23.5	3,662	24.5	12	15.6	278	14.7
BIO 110	2	0.3	56	0.4	.	.	.	.
BIO 120	4	0.7	80	0.5	.	.	.	.
BIO 141	10	47.6	282	52.7	.	.	.	.	87	14.8	2,308	15.4	20	26	578	30.5
BIO 142	2	9.5	56	10.5	10	55.6	310	67	63	10.7	1,514	10.1	14	18.2	352	18.6
BIO 147	1	1.3	15	0.8
BIO 150	28	4.8	646	4.3	8	10.4	154	8.1
BIO 165	1	5.6	4	0.9	.	.	.	.	.	.	.	.
BIO 180	1	4.8	7	1.3	.	.	.	.	.	.	.	.	.	.	.	.
BIO 195	1	1.3	5	0.3
BIO 199	1	0.2	1	0	.	.	.	.
BIO 205	16	2.7	336	2.2	.	.	.	.
BIO 206	8	1.4	180	1.2	.	.	.	.
BIO 231	2	0.3	32	0.2	.	.	.	.
BIO 232	4	0.7	54	0.4	.	.	.	.
BIO 250	2	0.3	24	0.2	.	.	.	.
BIO 252	2	0.3	32	0.2	.	.	.	.
BIO 253	1	1.3	16	0.8
BIO 254	1	0.2	17	0.1	.	.	.	.
BIO 255	1	0.2	8	0.1	1	1.3	10	0.5
BIO 256	2	0.3	40	0.3	4	5.2	104	5.5
BIO 290	1	0.2	1	0	1	1.3	1	0.1
BIO 296	1	5.6	1	0.2	1	0.2	1	0	.	.	.	.
BIO 298	1	0.2	1	0	.	.	.	.
Total	21	100	535	100	18	100	463	100	588	100	14,949	100	77	100	1,895	100

Source: IRIS Files

Note: 10-week, 12-week & 14-week sessions were not offered

Table 32. Biology Enrollment by Session: Fall 2014

Course	8-Week-1				8-Week-2				16-Week				Dynamic			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	10	34.5	152	24.8	.	.	.	.	224	40.3	5,690	42.5	34	29.6	732	28.6
BIO 102	.	.	.	.	10	32.3	178	29.7	101	18.2	2,424	18.1	16	13.9	352	13.7
BIO 110	.	.	.	.	.	.	.	.	2	0.4	28	0.2	.	.	.	.
BIO 120	.	.	.	.	.	.	.	.	6	1.1	110	0.8	.	.	.	.
BIO 141	16	55.2	402	65.5	2	6.5	36	6	105	18.9	2,626	19.6	32	27.8	802	31.3
BIO 142	.	.	.	.	18	58.1	362	60.3	52	9.4	1,192	8.9	18	15.7	396	15.5
BIO 147	2	6.9	29	4.7	.	.	.	.	.	.	.	.	.	.	.	.
BIO 150	.	.	.	.	.	.	.	.	38	6.8	836	6.2	8	7	156	6.1
BIO 165	.	.	.	.	1	3.2	24	4	.	.	.	.	.	.	.	.
BIO 180	1	3.4	31	5	.	.	.	.	.	.	.	.	.	.	.	.
BIO 205	.	.	.	.	.	.	.	.	14	2.5	234	1.7	2	1.7	2	0.1
BIO 206	.	.	.	.	.	.	.	.	6	1.1	134	1	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	.	.	.	.	2	1.7	16	0.6
BIO 250	.	.	.	.	.	.	.	.	4	0.7	54	0.4	.	.	.	.
BIO 253	.	.	.	.	.	.	.	.	1	0.2	22	0.2	1	0.9	7	0.3
BIO 256	.	.	.	.	.	.	.	.	2	0.4	28	0.2	2	1.7	100	3.9
BIO 296	.	.	.	.	.	.	.	.	1	0.2	1	0	.	.	.	.
Total	29	100	614	100	31	100	600	100	556	100	13,379	100	115	100	2,563	100

Source: IRIS Files

Note: 10-week, 12-week & 14-week courses were not offered

Table 33. Biology Enrollment by Session: Spring 2015

Course	8-Week-1				8-Week-2				16-Week				Dynamic			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	6	25	118	23.1	.	.	.	.	170	31.4	4,310	33.5	32	24.6	728	28.8
BIO 102	8	34.8	176	36.2	133	24.6	3,236	25.2	20	15.4	396	15.7
BIO 110	4	0.7	72	0.6	.	.	.	.
BIO 120	6	1.1	148	1.2	.	.	.	.
BIO 141	16	66.7	350	68.6	.	.	.	.	86	15.9	2,100	16.3	30	23.1	620	24.6
BIO 142	2	8.3	42	8.2	15	65.2	310	63.8	66	12.2	1,446	11.2	22	16.9	376	14.9
BIO 150	41	7.6	922	7.2	16	12.3	292	11.6
BIO 199	1	0.2	3	0	1	0.8	1	0
BIO 205	8	1.5	188	1.5	2	1.5	28	1.1
BIO 206	11	2	232	1.8	.	.	.	.
BIO 231	2	1.5	12	0.5
BIO 252	3	0.6	52	0.4	.	.	.	.
BIO 253	1	0.8	4	0.2
BIO 254	1	0.2	28	0.2	.	.	.	.
BIO 255	1	0.2	14	0.1	1	0.8	14	0.6
BIO 256	4	0.7	74	0.6	2	1.5	52	2.1
BIO 270	2	0.4	24	0.2	.	.	.	.
BIO 290	1	0.8	2	0.1
BIO 296	2	0.4	3	0	.	.	.	.
BIO 298	1	0.2	1	0	.	.	.	.
BIO 299	1	0.2	4	0	.	.	.	.
Total	24	100	510	100	23	100	486	100	541	100	12,857	100	130	100	2,525	100

Source: IRIS Files

Note: 10-week, 12-week & 14-week sessions were not offered

Table 34. Biology Enrollment by Session: Fall 2015

Course	8-Week-1				8-Week-2				10-Week				12-Week			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	8	25.8	160	27.7	.	.	.	.	.	.	.	.	.	.	.	.
BIO 102	.	.	.	.	6	28.6	124	29.3	.	.	.	.	.	.	.	.
BIO 120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 141	18	58.1	354	61.2	2	9.5	34	8.	.	.	.	.	.	.	.	.
BIO 142	2	6.5	32	5.5	12	57.1	252	59.6	.	.	.	.	.	.	.	.
BIO 147	2	6.5	15	2.6	.	.	.	.	.	.	.	.	.	.	.	.
BIO 150	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 165	.	.	.	.	1	4.8	13	3.1	.	.	.	.	.	.	.	.
BIO 180	1	3.2	17	2.9	.	.	.	.	.	.	.	.	.	.	.	.
BIO 195	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 205	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 206	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 250	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 253	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 256	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 270	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 290	.	.	.	.	.	.	.	.	1	100	1	100	1	100	1	100
BIO 296	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 299	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	31	100	578	100	21	100	423	100	1	100	1	100	1	100	1	100

Source: IRIS File

Course	14-Week				16-Week				Dynamic			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	10	35.7	218	39.8	207	38.5	5,582	42.6	36	35	846	35.8
BIO 102	2	7.1	34	6.2	93	17.3	2,242	17.1	16	15.5	340	14.4
BIO 120	.	.	.	.	6	1.1	126	1	.	.	.	.
BIO 141	6	21.4	136	24.8	113	21	2,702	20.6	26	25.2	658	27.9
BIO 142	4	14.3	78	14.2	48	8.9	1,150	8.8	12	11.7	324	13.7
BIO 147	.	.	.	.	.	.	.	.	.	.	.	.
BIO 150	4	14.3	62	11.3	40	7.4	816	6.2	8	7.8	120	5.1
BIO 165	.	.	.	.	.	.	.	.	1	1	6	0.3
BIO 180	.	.	.	.	.	.	.	.	.	.	.	.
BIO 195	.	.	.	.	2	0.4	48	0.4	.	.	.	.
BIO 205	.	.	.	.	10	1.9	186	1.4	.	.	.	.
BIO 206	.	.	.	.	6	1.1	122	0.9	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	1.9	6	0.3
BIO 250	.	.	.	.	4	0.7	34	0.3	.	.	.	.
BIO 253	.	.	.	.	2	0.4	16	0.1	.	.	.	.
BIO 256	.	.	.	.	4	0.7	64	0.5	2	1.9	60	2.5
BIO 270	2	7.1	20	3.6	.	.	.	.	.	.	.	.
BIO 290	.	.	.	.	.	.	.	.	.	.	.	.
BIO 296	.	.	.	.	1	0.2	1	0	.	.	.	.
BIO 299	.	.	.	.	1	0.2	5	0	.	.	.	.
Total	28	100	548	100	537	100	13,094	100	103	100	2,360	100

Source: IRIS File

Table 35. Biology Enrollment by Session: Spring 2016

Course	8-Week-1				8-Week-2			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	8	30.8	180	30.6	.	.	.	.
BIO 102	8	36.4	118	29.2
BIO 110
BIO 120
BIO 141	16	61.5	360	61.2	.	.	.	.
BIO 142	2	7.7	48	8.2	14	63.6	286	70.8
BIO 150
BIO 195
BIO 199
BIO 205
BIO 206
BIO 231
BIO 252
BIO 254
BIO 255
BIO 256
BIO 290
BIO 296
BIO 299
Total	26	100	588	100	22	100	404	100

Source: IRIS Files

Course	14-Week				16-Week				Dynamic			
	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%	N of Sections	%	N of Students	%
BIO 101	18	37.5	404	40.7	151	30.3	3,866	32	20	21.7	538	26.5
BIO 102	8	16.7	166	16.7	116	23.2	3,046	25.2	16	17.4	294	14.5
BIO 110	.	.	.	.	4	0.8	88	0.7	.	.	.	.
BIO 120	.	.	.	.	8	1.6	142	1.2	.	.	.	.
BIO 141	8	16.7	170	17.1	82	16.4	2,014	16.7	24	26.1	626	30.9
BIO 142	8	16.7	118	11.9	68	13.6	1,594	13.2	16	17.4	348	17.2
BIO 150	6	12.5	134	13.5	35	7	796	6.6	8	8.7	138	6.8
BIO 195	.	.	.	.	2	0.4	38	0.3	.	.	.	.
BIO 199	.	.	.	.	2	0.4	2	0	.	.	.	.
BIO 205	.	.	.	.	10	2	168	1.4	.	.	.	.
BIO 206	.	.	.	.	10	2	202	1.7	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.2	20	1
BIO 252	.	.	.	.	2	0.4	28	0.2	.	.	.	.
BIO 254	.	.	.	.	1	0.2	12	0.1	.	.	.	.
BIO 255	.	.	.	.	1	0.2	14	0.1	.	.	.	.
BIO 256	.	.	.	.	4	0.8	52	0.4	4	4.3	52	2.6
BIO 290	.	.	.	.	1	0.2	2	0	.	.	.	.
BIO 296	.	.	.	.	1	0.2	2	0	.	.	.	.
BIO 299	.	.	.	.	1	0.2	3	0	2	2.2	13	0.6
Total	48	100	992	100	499	100	12,069	100	92	100	2,029	100

10 & 12 week courses were not offered

Section 2. Biotechnology Student Success

A. Biology Student Success by Campus

Table 36. Biology Student Success by Campus: Fall 2013

Course	% Successful College-Wide	% Successful Alexandria	% Successful Annandale	% Successful Loudoun	% Successful Manassas	% Successful Woodbridge
BIO 101	67.6	64	67.4	64	72.1	75.7
BIO 102	81.1	74.8	81.9	80.1	84.3	88.1
BIO 110	61.5	.	61.5	.	.	.
BIO 120	82	68.8	71.4	95.5	91.3	.
BIO 141	63.3	64.1	61.2	56.6	79	68.7
BIO 142	81.3	85.8	79.1	60.5	89.1	91
BIO 147	76.9	.	.	.	76.9	.
BIO 150	82	91	74.8	70.8	77.8	100
BIO 165	91.3	.	.	.	91.3	.
BIO 180	84	.	.	.	84	.
BIO 205	90	86.4	87.7	95.8	93.3	93.3
BIO 206	83.6	72	91.7	87.5	.	.
BIO 231	63.2	.	63.2	.	.	.
BIO 250	100	.	.	.	100	.
BIO 253	83.8	.	.	90	81.5	.
BIO 256	81	81	.	.	.	.
BIO 296	100	.	.	.	100	.
BIO 299	100	.	100	.	.	.
Total	71.9	69.9	70.4	67.3	78.2	80.6

Source: PeopleSoft Grade Distribution Report

Table 37. Biology Student Success by Campus: Spring 2014

Course	% Successful College-Wide	% Successful Alexandria	% Successful Annandale	% Successful Loudoun	% Successful Manassas	% Successful Woodbridge
BIO 101	67.3	62.2	68.7	57.2	71.8	81.1
BIO 102	80.4	79.5	80.2	75.5	82.8	88.4
BIO 110	78.6	78.6	.	.	.	.
BIO 120	75	70.6	.	78.3	.	.
BIO 141	66.2	71.6	62.8	58.4	75.9	73.1
BIO 142	80.4	81.4	79.3	83.2	80.5	80.6
BIO 147	60	.	.	60	.	.
BIO 150	80.8	89.1	73.4	72.7	85	93.3
BIO 165	100	.	.	100	.	.
BIO 180	71.4	.	.	71.4	.	.
BIO 195	100	.	100	.	.	.
BIO 199	100	100	.	.	.	.
BIO 205	93.7	94.7	94.4	87	.	94.9
BIO 206	75.3	50	64	.	90	95.8
BIO 231	81.3	81.3	.	.	.	.
BIO 232	92.3	92.9	91.7	.	.	.
BIO 250	83.3	.	.	83.3	.	.
BIO 252	73.3	.	.	.	73.3	.
BIO 253	68.8	.	.	68.8	.	.
BIO 254	87.5	.	.	.	87.5	.
BIO 255	82.4	.	.	.	82.4	.
BIO 256	67.6	69.2	63.2	.	.	.
BIO 290	100	.	.	.	.	100
BIO 296	100	.	.	.	100	.
BIO 298	100	.	.	.	100	.
Total	73.3	72.6	72	67.1	77.3	83.2

Source: PeopleSoft Grade Distribution Report

Table 38. Biology Student Success by Campus: Fall 2014

Course	% Successful College-Wide	% Successful Alexandria	% Successful Annandale	% Successful Loudoun	% Successful Manassas	% Successful Woodbridge
BIO 101	70.8	68.3	69.7	68.6	72.5	79.4
BIO 102	80.4	70.3	84.6	74.2	86.7	86.1
BIO 110	71.4	.	71.4	.	.	.
BIO 120	74.5	60	.	78.3	82.4	.
BIO 141	62.2	63.5	59.1	63.5	78	57.7
BIO 142	79.5	76.8	79.9	88.1	82.6	76.7
BIO 147	89.7	.	.	.	89.7	.
BIO 150	81.9	83.2	75	76.2	87.3	92.3
BIO 165	100	.	.	.	100	.
BIO 180	96.8	.	.	.	96.8	.
BIO 205	94.1	94.7	96.1	86.7	84.6	100
BIO 206	77.6	66.7	90.5	76	.	.
BIO 231	62.5	.	62.5	.	.	.
BIO 250	92.6	.	.	.	92.6	.
BIO 253	100	.	.	100	100	.
BIO 256	71.4	71.4	.	.	.	.
BIO 296	100	.	.	.	100	.
Total	72.9	69.7	71.5	70.3	80.4	78

Source: PeopleSoft Grade Distribution Report

Table 39. Biology Student Success by Campus: Spring 2015

Course	% Successful College-Wide	% Successful Alexandria	% Successful Annandale	% Successful Loudoun	% Successful Manassas	% Successful Woodbridge
BIO 101	69.5	67.8	71.1	62.7	67.5	78.6
BIO 102	81.4	77.4	85.1	73	82.2	88.3
BIO 110	69.4	75	.	.	65	.
BIO 120	77	47.8	92.6	87.5	.	.
BIO 141	67.1	65.8	65	56.8	81.7	79.8
BIO 142	81.3	88.5	78.8	73.7	85.1	84.6
BIO 150	86.1	90.4	80.3	81.8	90.6	91.8
BIO 199	100	100	100	.	.	.
BIO 205	92.6	92.3	94.9	87	.	.
BIO 206	73.3	70	60	63.6	90.9	88.2
BIO 231	66.7	.	66.7	.	.	.
BIO 252	73.1	.	.	.	73.1	.
BIO 253	50	.	.	50	.	.
BIO 254	96.4	.	.	.	96.4	.
BIO 255	82.1	.	.	.	82.1	.
BIO 256	71.4	65.4	75	.	76.2	.
BIO 270	75	.	75	.	.	.
BIO 290	100	.	.	100	.	.
BIO 296	100	.	.	100	100	.
BIO 298	100	.	.	.	100	.
BIO 299	100	.	100	.	.	.
Total	75.2	73.8	74.8	68	77.8	83.4

Source: PeopleSoft Grade Distribution Report

Table 40. Biology Student Success by Campus: Fall 2015

Course	% Successful College-Wide	% Successful Alexandria	% Successful Annandale	% Successful Loudoun	% Successful Manassas	% Successful Woodbridge
BIO 101	74.3	70.7	76.4	66.8	77.6	80.9
BIO 102	81.5	71.2	85.4	83	81.1	88
BIO 120	76.2	68.8	.	87	70.8	.
BIO 141	63.2	66.1	63.8	48.3	70.8	65.1
BIO 142	80.8	82.2	80.9	73.9	80.5	82.1
BIO 147	86.7	.	.	.	86.7	.
BIO 150	84.2	90.1	79.1	81.3	85.7	90.8
BIO 165	100	.	.	.	100	.
BIO 180	94.1	.	.	.	94.1	.
BIO 195	87.5	.	.	87.5	.	.
BIO 205	93.5	93.8	89.1	.	100	100
BIO 206	83.6	94.1	91.7	65	.	.
BIO 231	100	.	100	.	.	.
BIO 250	82.4	.	.	.	82.4	.
BIO 253	93.8	.	.	.	93.8	.
BIO 256	79	73.3	.	.	94.1	.
BIO 270	90	.	90	.	.	.
BIO 290	100	.	.	100	.	100
BIO 296	100	.	.	.	100	.
BIO 299	100	.	.	.	100	.
Total	74.9	72.2	75.6	67.3	79.6	80.3

Source: PeopleSoft Grade Distribution Report

Table 41. Biology Student Success by Campus: Spring 2016

Course	% Successful College-Wide	% Successful Alexandria	% Successful Annandale	% Successful Loudoun	% Successful Manassas	% Successful Woodbridge
BIO 101	69.1	66.7	69.4	68.2	70	71.7
BIO 102	82.5	74.6	87.1	75.3	85.8	84.3
BIO 110	72.7	71.4	.	.	75	.
BIO 120	84.5	84.6	95.7	81	71.4	.
BIO 141	63.5	65.6	61.4	46.2	80.3	66.9
BIO 142	81.5	85.2	81.5	78.7	81.1	77.8
BIO 150	87.4	92.9	80.8	100	88	90.3
BIO 195	68.4	.	.	68.4	.	.
BIO 199	100	100	.	.	.	.
BIO 205	92.9	100	92.7	88.2	90	.
BIO 206	74.6	77.8	45.5	69.2	86.4	100
BIO 231	100	.	100	.	.	.
BIO 252	92.9	.	.	.	92.9	.
BIO 254	100	.	.	.	100	.
BIO 255	92.9	.	.	.	92.9	.
BIO 256	84.6	79.2	78.6	.	100	.
BIO 290	100	.	.	100	.	.
BIO 296	100	.	.	.	100	.
BIO 299	87.5	.	87.5	.	.	.
Total	74.9	73.7	74.4	70.4	79.9	77.2

Source: PeopleSoft Grade Distribution Report

Table 42. Biology Student Success by Campus Fall 2016

Course	% Successful College-Wide	% Successful Alexandria	% Successful Annandale	% Successful Loudoun	% Successful Manassas	% Successful Woodbridge
BIO 101	74.5	66.9	75.7	70.8	72.1	84.3
BIO 102	80	79.3	80.2	78.4	80.2	82
BIO 110	83.3	.	83.3	.	.	.
BIO 120	73.1	78.9	.	75	66.7	.
BIO 141	65.5	71.1	65.5	51.6	69.3	67
BIO 142	80.6	81	79.6	67.4	93.8	79.5
BIO 147	90.5	.	.	.	90.5	.
BIO 150	85.9	88.8	79.1	89.4	93.3	87.7
BIO 165	91.3	.	.	.	91.3	.
BIO 195	70.4	.	.	70.4	.	.
BIO 199	100	.	100	.	.	.
BIO 205	92.9	85.7	96	.	90	.
BIO 206	87	85	95	78.6	.	.
BIO 231	100	.	100	.	.	.
BIO 250	85	.	.	.	85	.
BIO 253	95	.	.	.	95	.
BIO 256	84.2	81.8	.	.	92.3	.
BIO 296	100	.	.	.	100	.
Total	75.1	74.2	74.9	68.7	77.9	80.3

B. Biology Student Success by Modality

Table 43. Biology Student Success by Modality: Fall 2013

Course	% Successful College-Wide	% Successful Hybrid	% Successful On-Campus	% Successful ELI	% Successful Independent Study
BIO 101	67.6	63	68.9	46.3	.
BIO 102	81.1	72	83	46.3	.
BIO 110	61.5	.	61.5	.	.
BIO 120	82	.	82	.	.
BIO 141	63.3	.	66.8	45.8	.
BIO 142	81.3	.	83.5	72	.
BIO 147	76.9	.	76.9	.	.
BIO 150	82	.	83.4	74.5	.
BIO 165	91.3	.	91.3	.	.
BIO 180	84	.	84	.	.
BIO 205	90	.	90	.	.
BIO 206	83.6	.	83.6	.	.
BIO 231	63.2	.	63.2	.	.
BIO 250	100	.	100	.	.
BIO 253	83.8	.	81.5	90	.
BIO 256	81	.	76.9	84.4	.
BIO 296	100	.	100	.	.
BIO 299	100	.	.	.	100

Source: PeopleSoft Grade Distribution Report

Table 44. Biology Student Success by Modality: Spring 2014

Course	% Successful College-Wide	% Successful Hybrid	% Successful On-Campus	% Successful ELI	% Successful Independent Study
BIO 101	67.3	.	68.6	45.3	.
BIO 102	80.4	67.9	82.2	52	.
BIO 110	78.6	.	78.6	.	.
BIO 120	75	.	75	.	.
BIO 141	66.2	.	71.3	45.9	.
BIO 142	80.4	.	83.1	64.8	.
BIO 147	60	.	.	60	.
BIO 150	80.8	.	85.4	61	.
BIO 165	100	.	100	.	.
BIO 180	71.4	.	71.4	.	.
BIO 195	100	.	100	.	.
BIO 199	100	.	.	.	100
BIO 205	93.7	.	93.7	.	.
BIO 206	75.3	.	75.3	.	.
BIO 231	81.3	.	81.3	.	.
BIO 232	92.3	.	92.3	.	.
BIO 250	83.3	.	83.3	.	.
BIO 252	73.3	.	73.3	.	.
BIO 253	68.8	.	.	68.8	.
BIO 254	87.5	.	87.5	.	.
BIO 255	82.4	.	100	66.7	.
BIO 256	67.6	.	63.2	69.2	.
BIO 290	100	.	100	.	.
BIO 296	100	.	100	.	.
BIO 298	100	.	100	.	.

Source: PeopleSoft Grade Distribution Report

Table 45. Biology Student Success by Modality: Fall 2014

Course	% Successful College-Wide	% Successful Hybrid	% Successful On-Campus	% Successful ELI	% Successful Independent Study
BIO 101	70.8	65.1	72.5	50.9	.
BIO 102	80.4	.	83.1	44.7	.
BIO 110	71.4	.	71.4	.	.
BIO 120	74.5	.	74.5	.	.
BIO 141	62.2	.	65.5	44.9	.
BIO 142	79.5	.	82	68.2	.
BIO 147	89.7	.	89.7	.	.
BIO 150	81.9	.	86.1	59	.
BIO 165	100	.	100	.	.
BIO 180	96.8	.	96.8	.	.
BIO 205	94.1	.	94.1	.	.
BIO 206	77.6	.	77.6	.	.
BIO 231	62.5	.	.	62.5	.
BIO 250	92.6	.	92.6	.	.
BIO 253	100	.	100	100	.
BIO 256	71.4	.	85.7	67.3	.
BIO 296	100	.	100	.	.

Source: PeopleSoft Grade Distribution Report

Table 46. Biology Student Success by Modality: Spring 2015

Course	% Successful College-Wide	% Successful Hybrid	% Successful On-Campus	% Successful ELI	% Successful Independent Study
BIO 101	69.5	54.1	71.5	53.8	.
BIO 102	81.4	84.8	83	56.5	.
BIO 110	69.4	.	69.4	.	.
BIO 120	77	.	77	.	.
BIO 141	67.1	.	71	46.8	.
BIO 142	81.3	64	84.4	67.8	.
BIO 150	86.1	47.6	89.1	74.6	.
BIO 199	100	.	.	.	100
BIO 205	92.6	.	92.6	.	.
BIO 206	73.3	.	73.3	.	.
BIO 231	66.7	.	.	66.7	.
BIO 252	73.1	.	73.1	.	.
BIO 253	50	.	.	50	.
BIO 254	96.4	.	96.4	.	.
BIO 255	82.1	.	71.4	92.9	.
BIO 256	71.4	.	75.7	65.4	.
BIO 270	75	.	75	.	.
BIO 290	100	.	100	.	.
BIO 296	100	.	100	.	.
BIO 298	100	.	100	.	.
BIO 299	100	.	100	.	.

Source: PeopleSoft Grade Distribution Report

Table 47. Biology Student Success by Modality: Fall 2015

Course	% Successful College-Wide	% Successful Hybrid	% Successful On-Campus	% Successful ELI	% Successful Independent Study
BIO 101	74.3	.	75.9	55.3	.
BIO 102	81.5	.	83.7	54.5	.
BIO 120	76.2	.	76.2	.	.
BIO 141	63.2	.	66	48.4	.
BIO 142	80.8	.	82.8	71.6	.
BIO 147	86.7	.	86.7	.	.
BIO 150	84.2	.	85.8	68.1	.
BIO 165	100	.	100	100	.
BIO 180	94.1	.	94.1	.	.
BIO 195	87.5	.	87.5	.	.
BIO 205	93.5	.	93.5	.	.
BIO 206	83.6	.	83.6	.	.
BIO 231	100	.	.	100	.
BIO 250	82.4	.	82.4	.	.
BIO 253	93.8	.	93.8	.	.
BIO 256	79	.	81.3	76.7	.
BIO 270	90	.	90	.	.
BIO 290	100	.	100	.	.
BIO 296	100	.	100	.	.
BIO 299	100	.	100	.	.

Source: PeopleSoft Grade Distribution Report

Table 48. Biology Student Success by Modality: Spring 2016

Course	% Successful College-Wide	% Successful Hybrid	% Successful On-Campus	% Successful ELI	% Successful Independent Study
BIO 101	69.1	.	70.8	54.6	.
BIO 102	82.5	.	84.5	55.5	.
BIO 110	72.7	.	72.7	.	.
BIO 120	84.5	.	84.5	.	.
BIO 141	63.5	35	67.9	47.4	.
BIO 142	81.5	.	82.2	77.5	.
BIO 150	87.4	.	89.3	72.1	.
BIO 195	68.4	.	68.4	.	.
BIO 199	100	.	100	.	100
BIO 205	92.9	.	92.9	.	.
BIO 206	74.6	.	74.6	.	.
BIO 231	100	.	.	100	.
BIO 252	92.9	.	92.9	.	.
BIO 254	100	.	100	.	.
BIO 255	92.9	.	92.9	.	.
BIO 256	84.6	.	89.3	79.2	.
BIO 290	100	.	100	.	.
BIO 296	100	.	100	.	.
BIO 299	87.5	.	87.5	.	.

Source: PeopleSoft Grade Distribution Report

Table 49. Biology Student Success by Modality: Fall 2016

Course	% Successful College-Wide	% Successful Hybrid	% Successful On-Campus	% Successful ELI	% Successful Independent Study
BIO 101	74.5	.	74.8	62.5	.
BIO 102	80	.	80.9	38.5	.
BIO 110	83.3	.	83.3	.	.
BIO 120	73.1	.	73.1	.	.
BIO 141	65.5	.	68.7	46.3	.
BIO 142	80.6	.	82.3	71.9	.
BIO 147	90.5	.	90.5	.	.
BIO 150	85.9	.	87.4	71.2	.
BIO 165	91.3	.	.	91.3	.
BIO 195	70.4	.	70.4	.	.
BIO 199	100	.	.	.	100
BIO 205	92.9	.	92.9	.	.
BIO 206	87	.	87	.	.
BIO 231	100	.	100	.	.
BIO 250	85	.	85	.	.
BIO 253	95	.	90	100	.
BIO 256	84.2	.	88.9	80	.
BIO 296	100	.	100	.	.

C. Biology Student Success by Dual Enrollment Status

Table 50. Biology Student Success by Dual Enrollment Status: Fall 2013

Course	% Successful College-Wide	% Successful Non-Dual Enrolled	% Successful Dual Enrolled
BIO 101	67.6	67.3	92.7
BIO 102	81.1	81.1	.
BIO 110	61.5	61.5	.
BIO 120	82	82	.
BIO 141	63.3	63.8	10.5
BIO 142	81.3	81.3	.
BIO 147	76.9	76.9	.
BIO 150	82	82	.
BIO 165	91.3	91.3	.
BIO 180	84	84	.
BIO 205	90	90	.
BIO 206	83.6	83.6	.
BIO 231	63.2	63.2	.
BIO 250	100	100	.
BIO 253	83.8	83.8	.
BIO 256	81	81	.
BIO 296	100	100	.
BIO 299	100	100	.

Source: PeopleSoft Grade Distribution Report

Table 51. Biology Student Success by Dual Enrollment Status: Spring 2014

Course	% Successful College-Wide	% Successful Non-Dual Enrolled	% Successful Dual Enrolled
BIO 101	67.3	67.3	.
BIO 102	80.4	80.1	94.7
BIO 110	78.6	78.6	.
BIO 120	75	75	.
BIO 141	66.2	66.2	.
BIO 142	80.4	80.4	.
BIO 147	60	60	.
BIO 150	80.8	80.8	.
BIO 165	100	100	.
BIO 180	71.4	71.4	.
BIO 195	100	100	.
BIO 199	100	100	.
BIO 205	93.7	93.7	.
BIO 206	75.3	75.3	.
BIO 231	81.3	81.3	.
BIO 232	92.3	92.3	.
BIO 250	83.3	83.3	.
BIO 252	73.3	73.3	.
BIO 253	68.8	68.8	.
BIO 254	87.5	87.5	.
BIO 255	82.4	82.4	.
BIO 256	67.6	67.6	.
BIO 290	100	100	.
BIO 296	100	100	.
BIO 298	100	100	.

Source: PeopleSoft Grade Distribution Report

Table 52. Biology Student Success by Dual Enrollment Status: Fall 2014

Course	% Successful College-Wide	% Successful Non-Dual Enrolled	% Successful Dual Enrolled
BIO 101	70.8	70.7	100
BIO 102	80.4	80.4	.
BIO 110	71.4	71.4	.
BIO 120	74.5	74.5	.
BIO 141	62.2	62.2	.
BIO 142	79.5	79.5	.
BIO 147	89.7	89.7	.
BIO 150	81.9	81.9	.
BIO 165	100	100	.
BIO 180	96.8	96.8	.
BIO 205	94.1	94	100
BIO 206	77.6	77.6	.
BIO 231	62.5	62.5	.
BIO 250	92.6	92.6	.
BIO 253	100	100	.
BIO 256	71.4	71.4	.
BIO 296	100	100	.

Source: PeopleSoft Grade Distribution Report

Table 53. Biology Student Success by Dual Enrollment Status: Spring 2015

Course	% Successful College-Wide	% Successful Non-Dual Enrolled	% Successful Dual Enrolled
BIO 101	69.5	69.5	.
BIO 102	81.4	81.3	100
BIO 110	69.4	69.4	.
BIO 120	77	77	.
BIO 141	67.1	67.1	.
BIO 142	81.3	81.3	.
BIO 150	86.1	86.1	.
BIO 199	100	100	.
BIO 205	92.6	92.6	.
BIO 206	73.3	73.3	.
BIO 231	66.7	66.7	.
BIO 252	73.1	73.1	.
BIO 253	50	50	.
BIO 254	96.4	96.4	.
BIO 255	82.1	82.1	.
BIO 256	71.4	71.4	.
BIO 270	75	75	.
BIO 290	100	100	.
BIO 296	100	100	.
BIO 298	100	100	.
BIO 299	100	100	.

Source: PeopleSoft Grade Distribution Report

Table 54. Biology Student Success by Dual Enrollment Status: Fall 2015

Course	% Successful College-Wide	% Successful Non-Dual Enrolled	% Successful Dual Enrolled
BIO 101	74.3	74.1	100
BIO 102	81.5	81.5	.
BIO 120	76.2	76.2	.
BIO 141	63.2	63.2	.
BIO 142	80.8	80.8	.
BIO 147	86.7	86.7	.
BIO 150	84.2	84.2	.
BIO 165	100	100	.
BIO 180	94.1	94.1	.
BIO 195	87.5	87.5	.
BIO 205	93.5	93.5	.
BIO 206	83.6	83.6	.
BIO 231	100	100	.
BIO 250	82.4	82.4	.
BIO 253	93.8	93.8	.
BIO 256	79	79	.
BIO 270	90	90	.
BIO 290	100	100	.
BIO 296	100	100	.
BIO 299	100	100	.

Source: PeopleSoft Grade Distribution Report

Table 55. Biology Student Success by Dual Enrollment Status: Spring 2016

Course	% Successful College-Wide	% Successful Non-Dual Enrolled	% Successful Dual Enrolled
BIO 101	69.1	69.1	.
BIO 102	82.5	82.3	100
BIO 110	72.7	72.7	.
BIO 120	84.5	84.5	.
BIO 141	63.5	63.5	.
BIO 142	81.5	81.5	.
BIO 150	87.4	87.4	.
BIO 195	68.4	68.4	.
BIO 199	100	100	.
BIO 205	92.9	92.9	.
BIO 206	74.6	74.6	.
BIO 231	100	100	.
BIO 252	92.9	92.9	.
BIO 254	100	100	.
BIO 255	92.9	92.9	.
BIO 256	84.6	84	100
BIO 290	100	100	.
BIO 296	100	100	.
BIO 299	87.5	87.5	.

Source: PeopleSoft Grade Distribution Report

Table 56. Biology Student Success by Dual Enrollment Status: Fall 2016

Course	% Successful College-Wide	% Successful Non-Dual Enrolled	% Successful Dual Enrolled
BIO 101	74.5	74.2	90.7
BIO 102	80	80	.
BIO 110	83.3	83.3	.
BIO 120	73.1	73.1	.
BIO 141	65.5	65.5	.
BIO 142	80.6	80.6	.
BIO 147	90.5	90.5	.
BIO 150	85.9	85.9	.
BIO 165	91.3	91.3	.
BIO 195	70.4	70.4	.
BIO 199	100	100	.
BIO 205	92.9	92.8	100
BIO 206	87	87	.
BIO 231	100	100	.
BIO 250	85	85	.
BIO 253	95	95	.
BIO 256	84.2	84.2	.
BIO 296	100	100	.

D. Biology Student Success by Session

Table 57. Biology Student Success by Session: Fall 2013

Course	% Successful College-Wide	% Successful 8-Week-1	% Successful 8-Week-2	% Successful 10-Week	% Successful 12-Week	% Successful 14-Week	% Successful 16-Week	% Successful Dynamic
BIO 101	67.6	78.8	.	.	.	.	68.5	52.7
BIO 102	81.1	.	81.1	.	.	.	82.8	46.3
BIO 110	61.5	.	.	.	.	.	61.5	.
BIO 120	82	.	.	.	.	.	82	.
BIO 141	63.3	76.8	.	.	.	.	65.9	45.8
BIO 142	81.3	.	91.7	.	.	.	81.4	72
BIO 147	76.9	76.9	.	.	.	.	.	.
BIO 150	82	.	.	.	.	.	83.4	74.5
BIO 165	91.3	.	91.3	.	.	.	.	.
BIO 180	84	84	.	.	.	.	.	.
BIO 205	90	.	.	.	.	.	90	.
BIO 206	83.6	.	.	.	.	.	83.6	.
BIO 231	63.2	.	.	.	.	.	63.2	.
BIO 250	100	.	.	.	.	.	100	.
BIO 253	83.8	.	.	.	.	.	81.5	90
BIO 256	81	.	.	.	.	.	76.9	84.4
BIO 296	100	.	.	.	.	.	100	.
BIO 299	100	.	100	.	.	.	.	.

Source: PeopleSoft Grade Distribution Report

Table 58. Biology Student Success by Session: Spring 2014

Course	% Successful College-Wide	% Successful 8-Week-1	% Successful 8-Week-2	% Successful 10-Week	% Successful 12-Week	% Successful 14-Week	% Successful 16-Week	% Successful Dynamic
BIO 101	67.3	84.2	.	.	.	.	68.1	48.2
BIO 102	80.4	.	94.2	.	.	.	80.8	64
BIO 110	78.6	.	.	.	.	.	78.6	.
BIO 120	75	.	.	.	.	.	75	.
BIO 141	66.2	87.9	.	.	.	.	69.3	45.9
BIO 142	80.4	96.4	91.6	.	.	.	80.6	64.8
BIO 147	60	.	.	.	.	.	.	60
BIO 150	80.8	.	.	.	.	.	85.4	61
BIO 165	100	.	100	.	.	.	.	.
BIO 180	71.4	71.4	.	.	.	.	.	.
BIO 195	100	.	.	.	.	.	.	100
BIO 199	100	.	.	.	.	.	100	.
BIO 205	93.7	.	.	.	.	.	93.7	.
BIO 206	75.3	.	.	.	.	.	75.3	.
BIO 231	81.3	.	.	.	.	.	81.3	.
BIO 232	92.3	.	.	.	.	.	92.3	.
BIO 250	83.3	.	.	.	.	.	83.3	.
BIO 252	73.3	.	.	.	.	.	73.3	.
BIO 253	68.8	.	.	.	.	.	.	68.8
BIO 254	87.5	.	.	.	.	.	87.5	.
BIO 255	82.4	.	.	.	.	.	100	66.7
BIO 256	67.6	.	.	.	.	.	63.2	69.2
BIO 290	100	.	.	.	.	.	.	100
BIO 296	100	.	100	.	.	.	100	.
BIO 298	100	.	.	.	.	.	100	.

Source: PeopleSoft Grade Distribution Report

Table 59. Biology Student Success by Session: Fall 2014

Course	% Successful College-Wide	% Successful 8-Week-1	% Successful 8-Week-2	% Successful 10-Week	% Successful 12-Week	% Successful 14-Week	% Successful 16-Week	% Successful Dynamic
BIO 101	70.8	85.5	.	.	.	.	71.9	58.4
BIO 102	80.4	.	86.5	.	.	.	82.7	64.5
BIO 110	71.4	.	.	.	.	.	71.4	.
BIO 120	74.5	.	.	.	.	.	74.5	.
BIO 141	62.2	87.1	72.2	.	.	.	63.2	45.9
BIO 142	79.5	.	91.2	.	.	.	80.3	66.2
BIO 147	89.7	89.7	.	.	.	.	.	.
BIO 150	81.9	.	.	.	.	.	86.1	59
BIO 165	100	.	100	.	.	.	.	.
BIO 180	96.8	96.8	.	.	.	.	.	.
BIO 205	94.1	.	.	.	.	.	94	100
BIO 206	77.6	.	.	.	.	.	77.6	.
BIO 231	62.5	.	.	.	.	.	.	62.5
BIO 250	92.6	.	.	.	.	.	92.6	.
BIO 253	100	.	.	.	.	.	100	100
BIO 256	71.4	.	.	.	.	.	85.7	67.3
BIO 296	100	.	.	.	.	.	100	.

Source: PeopleSoft Grade Distribution Report

Table 60. Biology Student Success by Session: Spring 2015

Course	% Successful College-Wide	% Successful 8-Week-1	% Successful 8-Week-2	% Successful 10-Week	% Successful 12-Week	% Successful 14-Week	% Successful 16-Week	% Successful Dynamic
BIO 101	69.5	93.2	.	.	.	.	71.1	56.3
BIO 102	81.4	.	85.6	.	.	.	83.2	64.5
BIO 110	69.4	.	.	.	.	.	69.4	.
BIO 120	77	.	.	.	.	.	77	.
BIO 141	67.1	78.3	.	.	.	.	69.7	51.9
BIO 142	81.3	95.2	92.9	.	.	.	81.7	68.6
BIO 150	86.1	.	.	.	.	.	89.6	75.3
BIO 199	100	.	.	.	.	.	100	100
BIO 205	92.6	.	.	.	.	.	91.5	100
BIO 206	73.3	.	.	.	.	.	73.3	.
BIO 231	66.7	.	.	.	.	.	.	66.7
BIO 252	73.1	.	.	.	.	.	73.1	.
BIO 253	50	.	.	.	.	.	.	50
BIO 254	96.4	.	.	.	.	.	96.4	.
BIO 255	82.1	.	.	.	.	.	71.4	92.9
BIO 256	71.4	.	.	.	.	.	75.7	65.4
BIO 270	75	.	.	.	.	.	75	.
BIO 290	100	.	.	.	.	.	.	100
BIO 296	100	.	.	.	.	.	100	.
BIO 298	100	.	.	.	.	.	100	.
BIO 299	100	.	.	.	.	.	100	.

Source: PeopleSoft Grade Distribution Report

Table 61. Biology Student Success by Session: Fall 2015

Course	% Successful College-Wide	% Successful 8-Week-1	% Successful 8-Week-2	% Successful 10-Week	% Successful 12-Week	% Successful 14-Week	% Successful 16-Week	% Successful Dynamic
BIO 101	74.3	76.3	.	.	.	78.9	76.1	61.1
BIO 102	81.5	.	77.4	.	.	70.6	83.8	67.3
BIO 120	76.2	.	.	.	.	.	76.2	.
BIO 141	63.2	80.8	58.8	.	.	67.6	63.5	51.7
BIO 142	80.8	100	83.3	.	.	84.6	82.1	71.6
BIO 147	86.7	86.7	.	.	.	.	.	.
BIO 150	84.2	.	.	.	.	87.1	87	63.3
BIO 165	100	.	100	.	.	.	.	100
BIO 180	94.1	94.1	.	.	.	.	.	.
BIO 195	87.5	.	.	.	.	.	87.5	.
BIO 205	93.5	.	.	.	.	.	93.5	.
BIO 206	83.6	.	.	.	.	.	83.6	.
BIO 231	100	.	.	.	.	.	.	100
BIO 250	82.4	.	.	.	.	.	82.4	.
BIO 253	93.8	.	.	.	.	.	93.8	.
BIO 256	79	.	.	.	.	.	81.3	76.7
BIO 270	90	.	.	.	.	90	.	.
BIO 290	100	.	.	100	100	.	.	.
BIO 296	100	.	.	.	.	.	100	.
BIO 299	100	.	.	.	.	.	100	.

Source: PeopleSoft Grade Distribution Report

Table 62. Biology Student Success by Session: Spring 2016

Course	% Successful College-Wide	% Successful 8-Week-1	% Successful 8-Week-2	% Successful 10-Week	% Successful 12-Week	% Successful 14-Week	% Successful 16-Week	% Successful Dynamic
BIO 101	69.1	81.1	.	.	.	67.3	70.7	54.6
BIO 102	82.5	.	88.1	.	.	78.3	84.5	61
BIO 110	72.7	.	.	.	.	.	72.7	.
BIO 120	84.5	.	.	.	.	.	84.5	.
BIO 141	63.5	81	.	.	.	61.2	65.5	47.4
BIO 142	81.5	83.3	95.1	.	.	68.1	81.1	77.5
BIO 150	87.4	.	.	.	.	91	89.5	71
BIO 195	68.4	.	.	.	.	.	68.4	.
BIO 199	100	.	.	.	.	.	100	.
BIO 205	92.9	.	.	.	.	.	92.9	.
BIO 206	74.6	.	.	.	.	.	74.6	.
BIO 231	100	.	.	.	.	.	.	100
BIO 252	92.9	.	.	.	.	.	92.9	.
BIO 254	100	.	.	.	.	.	100	.
BIO 255	92.9	.	.	.	.	.	92.9	.
BIO 256	84.6	.	.	.	.	.	88.5	80.8
BIO 290	100	.	.	.	.	.	100	.
BIO 296	100	.	.	.	.	.	100	.
BIO 299	87.5	.	.	.	.	.	100	84.6

Source: PeopleSoft Grade Distribution Report

Table 63. Biology Student Success by Session: Fall 2016

Course	% Successful College-Wide	% Successful 8-Week-1	% Successful 8-Week-2	% Successful 10-Week	% Successful 12-Week	% Successful 14-Week	% Successful 16-Week	% Successful Dynamic
BIO 101	74.5	91	.	.	.	68.2	74.7	71.2
BIO 102	80	.	77.6	.	.	70.5	81.4	47.1
BIO 110	83.3	.	.	.	.	.	83.3	.
BIO 120	73.1	.	.	.	.	.	73.1	.
BIO 141	65.5	78.3	.	.	.	71.1	67.3	46.3
BIO 142	80.6	95.2	88.5	.	.	76.5	80.3	71.9
BIO 147	90.5	90.5	.	.	.	.	.	.
BIO 150	85.9	.	82.4	.	.	80.4	89	71.9
BIO 165	91.3	.	.	.	.	.	.	91.3
BIO 195	70.4	.	.	.	.	.	70.4	.
BIO 199	100	.	.	.	.	.	100	.
BIO 205	92.9	.	.	.	.	.	92.8	100
BIO 206	87	.	.	.	.	.	87	.
BIO 231	100	.	.	.	.	.	100	.
BIO 250	85	.	.	.	.	.	85	.
BIO 253	95	.	.	.	.	.	90	100
BIO 256	84.2	.	.	.	.	.	88.9	80
BIO 296	100	.	.	.	.	.	100	.

Section 3. Biotechnology FTES, Current Funded Ratio, and FTEF Requirement

A. Biology FTES, Current Funded Ratio, and FTEF Requirement Fall 2013 through Fall 2016

Table 64. Biology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall 2013

BIO	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	575.2	26.5	21.7	10.5	11.2	13.6
AN	951.6	26.5	35.9	17.2	18.7	22.7
LO	280.9	26.5	10.6	5.7	4.9	5.6
MA	318.5	26.5	12.0	5.7	6.3	8.6
WO	221.3	26.5	8.4	3.9	4.5	6.8

Source: PeopleSoft

Table 65. Biology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Spring 2014

BIO	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	612.2	26.5	23.1	10.6	12.5	15.5
AN	955.1	26.5	36.0	17.6	18.4	23.0
LO	268.9	26.5	10.1	5.9	4.2	4.9
MA	318.6	26.5	12.0	5.7	6.3	7.3
WO	223.3	26.5	8.4	3.9	4.5	7

Source: PeopleSoft

Table 66. Biology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall 2014

BIO	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	500.0	26.5	18.9	11.8	7.1	11.5
AN	924.5	26.5	34.9	19.9	15.0	23.0
LO	289.1	26.5	10.9	6.7	4.2	5.8
MA	323.3	26.5	12.2	4.8	7.4	10.5
WO	246.7	26.5	9.3	5.4	3.9	7

Source: PeopleSoft

**Table 67. Biology FTES, Current Funded Ratio, and FTEF Requirement by Campus:
Spring 2015**

BIO	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	442.2	26.5	16.7	10.7	6.0	9.6
AN	869.9	26.5	32.8	19.7	13.1	21.7
LO	294.4	26.5	11.1	6.7	4.4	5.5
MA	327.6	26.5	12.4	4.8	7.6	11.4
WO	250.4	26.5	9.4	4.7	4.7	7.8

Source: PeopleSoft

**Table 68. Biology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall
2015**

BIO	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	435.5	26.5	16.4	10.1	6.3	10.1
AN	928.3	26.5	35.0	20.4	14.6	21.1
LO	319.7	26.5	12.1	7.6	4.5	7.0
MA	330.1	26.5	12.5	6.1	6.4	10.6
WO	252.1	26.5	9.5	5.7	3.8	6.6

Source: PeopleSoft

**Table 69. Biology FTES, Current Funded Ratio, and FTEF Requirement by Campus:
Spring 2016**

BIO	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	411.9	26.5	15.5	9.1	6.4	9.5
AN	883.5	26.5	33.3	19.7	13.6	21.0
LO	277.7	26.5	10.5	7.4	3.1	5.5
MA	329.7	26.5	12.4	6.2	6.2	10.7
WO	240.8	26.5	9.1	5.6	3.5	5.9

Source: PeopleSoft

**Table 70. Biology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall
2016**

BIO	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	366.7	26.5	13.8	9.5	0.0	8.0
AN	867.5	26.5	32.7	19.5	0.5	20.9
LO	302.7	26.5	11.4	7.6	0.5	6.4
MA	312.9	26.5	11.8	6.9	0.9	9.2
WO	260.5	26.5	9.8	6	1.0	6.5

Source: PeopleSoft

PATHWAY TO THE AMERICAN DREAM—NOVA'S STRATEGIC PLAN 2017-2023

THE NOVA COMMITMENT

As its primary contributions to meeting the needs of the Commonwealth of Virginia, the Northern Virginia Community College pledges to advance the social and economic mobility of its students while producing an educated citizenry for the 21st Century.

THE STRATEGIC PLAN GOALS AND OBJECTIVES

To deliver on this commitment NOVA will focus its creativity and talent, its effort and energy, and its resources and persistence, on achieving three overarching goals—success, achievement, and prosperity. It will strive to enable **Every Student to Succeed, Every Program to Achieve, and Every Community to Prosper.**

To advance the completion agenda described above, thereby promoting students' success and enhancing their social mobility, ensuring that programs achieve, and producing an educated citizenry for the 21st Century, the following goals and objectives are adopted:

GOAL 1: Every Student Succeeds

- **Objective 1:** Develop a College-wide approach to advising that ensures all students are advised and have access to support throughout their time at NOVA
- **Objective 2:** Implement VIP-PASS System as the foundational technology based on NOVA Informed Pathways for student self-advising, assignment and coordination of advisors, and course registration

GOAL 2: Every Program Achieves

- **Objective 3:** Develop comprehensive, fully integrated Informed Pathways for every program to ensure seamless transitions from high school and other entry points to NOVA, and from NOVA to four-year transfer institutions or the workforce
- **Objective 4:** Develop effective processes and protocols for programmatic College-wide collective decisions that include consistent, accountable leadership and oversight of each academic program with designated “owners,” active advisory committees, clear student learning outcomes and assessments, and program reviews in all modalities of instruction
- **Objective 5:** Align NOVA’s organizational structures, position descriptions, and expectations for accountability with its overarching mission to support student engagement, learning, success and institutional effectiveness

GOAL 3: Every Community Prospers

- **Objective 6:** Enhance the prosperity of every community in Northern Virginia by refocusing and prioritizing NOVA’s workforce development efforts
- **Objective 7:** Further develop NOVA’s IT and Cybersecurity programs to support regional job demand and position NOVA as the leading IT community college in the nation
- **Objective 8:** Re-envision workforce strategies and integrate workforce development into a NOVA core focus
- **Objective 9:** Plan to expand the breadth and reach of NOVA’s healthcare and biotechnology programs, and prioritize future programs to support regional economic development goals economic development goals

NOVA

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Community College**

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