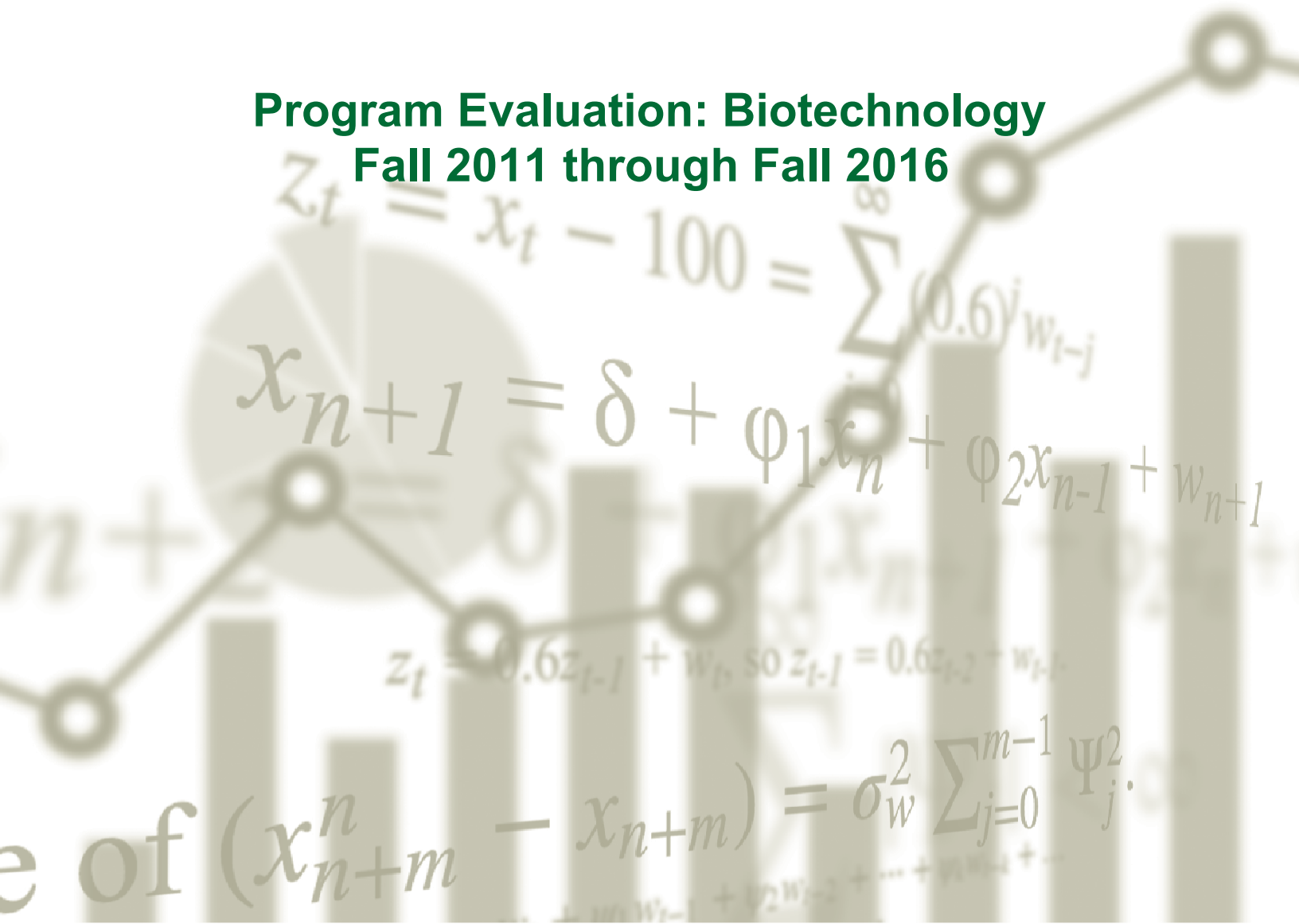


Program Evaluation: Biotechnology Fall 2011 through Fall 2016



Research Report No. 61-17

Office of Institutional Effectiveness and Student Success Initiatives

JULY 2017

NORTHERN VIRGINIA COMMUNITY COLLEGE

OFFICE OF INSTITUTIONAL EFFECTIVENESS AND STUDENT SUCCESS INITIATIVES

The purpose of the Office of Institutional Effectiveness and Student Success Initiatives is to conduct analytical studies and provide information in support of institutional planning, policy formulation, and decision making. In addition, the office provides leadership and support in research related activities to members of the NOVA community engaged in planning and evaluating the institution's success in accomplishing its mission.

When citing data from this report, the Northern Virginia Community College (NOVA) Office of Institutional Effectiveness and Student Success Initiatives must be cited as the source.

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

Introduction

This Report presents student enrollment and success data for the Biotechnology program. During the time period reviewed, Biotechnology program courses were offered at Loudoun and Manassas campuses and ELI. Section 1 provides unduplicated enrollment data on students in the Biotechnology program 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 Biotechnology program from 2013-2014 through 2015-2016. Student success data includes successful course completion rates disaggregated by campus, modality, dual enrollment status, and session, graduation rates by cohort, and cumulative mean GPA of graduates.

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

Section 1. Biotechnology Annual Headcount and Student Enrollment Profile

A. Biotechnology Annual Headcount

Table 1. Annual Headcount for All Program-Placed Students: 2011-12 through 2015-16

Program	Curriculum Code	2011-12	2012-13	2013-14	2014-15	2015-16	Avg.	% Change 11-12 to 15-16
Biotechnology, A.A.S.	1490	160	146	152	145	129	146	-19.4
Biotechnology, Lab Tech., CSC	221-149-01	20	27	23	22	27	24	35.0
Program-Placed Students		59,973	61,498	60,797	59,052	57,260	59,716	-4.5
All Students		76,552	78,413	77,332	76,044	75,858	76,840	-0.9

Source: IRIS Files

Table 2. Annual Headcount for First-time in College, Program-Placed Students: 2011-12 through 2015-16

Program	Curriculum Code	2011-12	2012-13	2013-14	2014-15	2015-16	Avg.	% Change 11-12 to 15-16
Biotechnology, A.A.S.	1490	32	30	23	22	21	26	-34.4
Biotechnology, Lab Tech., CSC	221-149-01	2	1	1	3	2	2	0.0
Program-Placed Students		9,711	10,491	11,006	10,535	10,513	10,451	8.3
All Students		12,907	13,953	14,631	15,134	16,377	14,600	26.9

Source: IRIS Files

B. Biotechnology Enrollment Profile

Table 3. Biotechnology Student Enrollment Profile: Fall 2013 through Fall 2016

Category	Subgroup	Fall 2013		Fall 2014		Fall 2015		Fall 2016	
		#	%	#	%	#	%	#	%
Gender	Male	51	49.0	53	46.5	40	44.9	30	40.0
	Female	53	51.0	61	53.5	49	55.1	45	60.0
Race	White	38	36.5	44	38.6	33	37.1	33	44.0
	Black/African American	18	17.3	18	15.8	21	23.6	10	13.3
	Asian	21	20.2	24	21.1	16	18.0	12	16.0
	Hispanic/Latino	22	21.2	20	17.5	10	11.2	12	16.0
	American Indian/Alaska Native	0	0.0	0	0.0	1	1.1	1	1.3
	Native Hawaiian/Other Pacific Islander	1	1.0	1	0.9	0	0.0	0	0.0
	Two or More Races	2	1.9	5	4.4	4	4.5	2	2.7
	Unknown	0	0.0	1	0.9	3	3.4	2	2.7
	Not Specified	2	1.9	1	0.9	1	1.1	3	4.0
Age Group	Under 18	1	1.0	0	0.0	0	0.0	0	0.0
	18-21	39	37.5	42	36.8	23	25.8	24	32.0
	22-24	17	16.3	18	15.8	17	19.1	6	8.0
	25-29	17	16.3	26	22.8	14	15.7	22	29.3
	30-44	23	22.1	25	21.9	30	33.7	19	25.3
	45-59	6	5.8	3	2.6	5	5.6	4	5.3
	60+	1	1.0	0	0.0	0	0.0	0	0.0
Full-Time/ Part-Time	Full-Time	42	40.4	50	43.9	31	34.8	25	33.3
	Part-Time	62	59.6	64	56.1	58	65.2	50	66.7
Program Placement	In 1490	91	87.5	96	84.2	75	84.3	60	80.0
	In 221-149-01	13	12.5	18	15.8	14	15.7	15	20.0
Total Enrollment		104	100.0	114	100.0	89	100.0	75	100.0

Source: IRIS Files

Note: Curr. Code=4000/4001/4060/221-405-43/221-405-45/221-400-02/221-407-95

Table 4. Biotechnology Student Enrollment Profile: Spring 2014 through Spring 2016

Category	Subgroup	Spring 2014		Spring 2015		Spring 2016	
		#	%	#	%	#	%
Gender	Male	43	43.9	47	49.0	37	41.1
	Female	55	56.1	49	51.0	53	58.9
Race	White	38	38.8	31	32.3	39	43.3
	Black/African American	20	20.4	20	20.8	13	14.4
	Asian	19	19.4	19	19.8	18	20.0
	Hispanic/Latino	17	17.3	16	16.7	11	12.2
	American Indian/Alaska Native	0	0.0	0	0.0	1	1.1
	Native Hawaiian/Other Pacific Islander	0	0.0	1	1.0	0	0.0
	Two or More Races	2	2.0	6	6.3	3	3.3
	Unknown	1	1.0	1	1.0	3	3.3
	Not Specified	1	1.0	2	2.1	2	2.2
Age Group	18-21	28	28.6	25	26.0	18	20.0
	22-24	19	19.4	15	15.6	13	14.4
	25-29	15	15.3	20	20.8	26	28.9
	30-44	27	27.6	32	33.3	27	30.0
	45-59	9	9.2	4	4.2	6	6.7
Full-Time/ Part-Time	Full-Time	36	36.7	44	45.8	26	28.9
	Part-Time	62	63.3	52	54.2	64	71.1
Program Placement	In 1490	87	88.8	83	86.5	75	83.3
	In 221-149-01	11	11.2	13	13.5	15	16.7
Total Enrollment		98	100.0	96	100.0	90	100.0

Source: IRIS Files

Note: Curr. Code=4000/4001/4060/221-405-43/221-405-45/221-400-02/221-407-95

C. Biology Enrollment by Course and Campus

Table 5. 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 6. 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 7. 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 8. 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 9. 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 10. 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 11. 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 12. 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 13. 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

D. Biology Enrollment by Modality

Table 14. 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	18.0	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	1.0	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	2.0	10	0.7	.	.	.	.
BIO 256	2	0.3	54	0.3	.	.	.	.	2	3.9	64	4.6	.	.	.	.
BIO 296	1	0.2	1	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 299	.	.	.	.	.	.	.	.	.	.	.	.	1	100	2	100
Total	617	100.0	15,829	100.0	17	100.0	402	100.0	51	100.0	1,393	100.0	1	100.0	2	100.0

Table 15. 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	37.0	6,164	38.5	6	50.0	182	58.3	6	10.2	182	11.8	.	.	.	.
BIO 102	146	23.1	3,833	24	2	16.7	53	17.0	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	1.0	.	.	.	.
BIO 150	28	4.4	646	4.0	4	33.3	77	24.7	4	6.8	77	5.0	.	.	.	.
BIO 165	1	0.2	4	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 180	1	0.2	7	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 195	1	0.2	5	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 199	.	.	.	.	.	.	.	.	.	.	.	.	1	100.0	1	100.0
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	1.0	.	.	.	.
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	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 296	2	0.3	2	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 298	1	0.2	1	0.0	.	.	.	.	.	.	.	.	.	.	.	.
Total	632	100.0	15,993	100.0	12	100.0	312	100.0	59	100.0	1,536	100.0	1	100.0	1	100.0

Table 16. 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	13.0	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	19.0
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	0.0	.	.	.	.	.	.	.	.
Total	642	100.0	15,067	100.0	12	100.0	236	100.0	77	100.0	1,853	100.0

Table 17. 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	1.0	148	1.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 141	108	17.5	2,574	18.0	.	.	.	.	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	100.0	4	100.0
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	3.0	.	.	.	.
BIO 270	2	0.3	24	0.2	.	.	.	.	.	.	.	.	.	.	.	.
BIO 290	1	0.2	2	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 296	2	0.3	3	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 298	1	0.2	1	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 299	1	0.2	4	0.0	.	.	.	.	.	.	.	.	.	.	.	.
Total	618	100.0	14,331	100.0	13	100.0	288	100.0	85	100.0	1,755	100.0	2	100.0	4	100.0

Table 18. 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	25.0	524	29.0
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	10.0	.	.	.	.	12	16.7	324	17.9
BIO 147	2	0.3	15	0.1	.	.	.	.	.	.	.	.
BIO 150	46	7.1	904	6.0	3	100.0	47	100.0	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	0.0	.	.	.	.	.	.	.	.
BIO 296	1	0.2	1	0.0	.	.	.	.	.	.	.	.
BIO 299	1	0.2	5	0.0	.	.	.	.	.	.	.	.
Total	647	100.0	15,151	100.0	3	100.0	47	100.0	72	100.0	1,807	100.0

Table 19. Biology Enrollment by Modality: Spring 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	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	1.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 141	105	17.4	2,524	17.9	1	25.0	20	24.7	24	30.4	626	33.0	.	.	.	.
BIO 142	92	15.3	2,046	14.5	.	.	.	.	16	20.3	348	18.3	.	.	.	.
BIO 150	43	7.1	946	6.7	3	75.0	61	75.3	3	3.8	61	3.2	.	.	.	.
BIO 195	2	0.3	38	0.3	.	.	.	.	.	.	.	.	.	.	.	.
BIO 199	1	0.2	1	0.0	.	.	.	.	.	.	.	.	1	100.0	1	100.0
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	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 296	1	0.2	2	0.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 299	3	0.5	16	0.1	.	.	.	.	.	.	.	.	.	.	.	.
Total	603	100.0	14,101	100.0	4	100.0	81	100.0	79	100.0	1,899	100.0	1	100.0	1	100.0

Table 20. 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	25.0	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	1.0	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	75.0	52	76.5	3	5.8	52	4.6	.	.	.	.
BIO 165	.	.	.	.	.	.	.	.	1	1.9	23	2.0	.	.	.	.
BIO 195	3	0.5	55	0.4	.	.	.	.	.	.	.	.	.	.	.	.
BIO 199	.	.	.	.	.	.	.	.	.	.	.	.	1	100.0	1	100.0
BIO 205	10	1.6	168	1.1	.	.	.	.	.	.	.	.	.	.	.	.
BIO 206	6	1.0	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	0.0	.	.	.	.	.	.	.	.	.	.	.	.
Total	625	100.0	14,631	100.0	4	100.0	68	100.0	52	100.0	1,139	100.0	1	100.0	1	100.0

E. Biology Enrollment by Day/Night Status

Table 21. 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	20.0	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	1.0	13	0.5	.	.	.	.
BIO 180	1	0.2	14	0.1	1	1.0	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	1.0	11	0.5	1	2.0	10	0.7
BIO 256	2	0.4	54	0.4	.	.	.	.	2	3.9	64	4.6
BIO 296	1	0.2	1	0.0	.	.	.	.	.	.	.	.
BIO 299	1	0.2	2	0.0	.	.	.	.	.	.	.	.
Total	538	100.0	13,849	100.0	97	100.0	2,384	100.0	51	100.0	1,393	100.0

Table 22. Biology Enrollment by Day/Night Status: Spring 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	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	24.0	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	10.0	14	23.7	352	22.9
BIO 147	.	.	.	.	.	.	.	.	1	1.7	15	1.0
BIO 150	28	5.1	635	4.6	4	4.0	88	3.4	4	6.8	77	5.0
BIO 165	.	.	.	.	1	1.0	4	0.2	.	.	.	.
BIO 180	.	.	.	.	1	1.0	7	0.3	.	.	.	.
BIO 195	1	0.2	5	0.0	.	.	.	.	.	.	.	.
BIO 199	1	0.2	1	0.0	.	.	.	.	.	.	.	.
BIO 205	11	2.0	232	1.7	5	5.0	104	4.0	.	.	.	.
BIO 206	8	1.5	180	1.3	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	2	2.0	32	1.2	.	.	.	.
BIO 232	4	0.7	54	0.4	.	.	.	.	.	.	.	.
BIO 250	.	.	.	.	2	2.0	24	0.9	.	.	.	.
BIO 252	2	0.4	32	0.2	.	.	.	.	.	.	.	.
BIO 253	.	.	.	.	.	.	.	.	1	1.7	16	1.0
BIO 254	.	.	.	.	1	1.0	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	0.0	.	.	.	.	.	.	.	.
BIO 296	2	0.4	2	0.0	.	.	.	.	.	.	.	.
BIO 298	1	0.2	1	0.0	.	.	.	.	.	.	.	.
Total	544	100.0	13,731	100.0	101	100.0	2,575	100.0	59	100.0	1,536	100.0

Table 23. 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	30.0	680	30.5	18	23.4	462	24.9
BIO 102	96	17.3	2,270	17.4	21	21.0	478	21.5	10	13.0	206	11.1
BIO 110	2	0.4	28	0.2	.	.	.	.	.	.	.	.
BIO 120	6	1.1	110	0.8	.	.	.	.	.	.	.	.
BIO 141	111	20.0	2,778	21.2	20	20.0	456	20.5	24	31.2	632	34.1
BIO 142	61	11.0	1,356	10.4	11	11.0	242	10.9	16	20.8	352	19.0
BIO 147	2	0.4	29	0.2	.	.	.	.	.	.	.	.
BIO 150	32	5.8	708	5.4	10	10.0	206	9.2	4	5.2	78	4.2
BIO 165	.	.	.	.	1	1.0	24	1.1	.	.	.	.
BIO 180	.	.	.	.	1	1.0	31	1.4	.	.	.	.
BIO 205	13	2.3	169	1.3	3	3.0	67	3.0	.	.	.	.
BIO 206	6	1.1	134	1.0	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.6	16	0.9
BIO 250	2	0.4	32	0.2	2	2.0	22	1.0	.	.	.	.
BIO 253	.	.	.	.	1	1.0	22	1.0	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	0.0	.	.	.	.	.	.	.	.
Total	554	100.0	13,075	100.0	100	100.0	2,228	100.0	77	100.0	1,853	100.0

Table 24. 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	24.0	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	12.0	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	0.0	.	.	.	.	.	.	.	.
BIO 205	8	1.5	172	1.4	2	2.1	44	2.0	.	.	.	.
BIO 206	11	2.0	232	1.9	.	.	.	.	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.4	12	0.7
BIO 252	2	0.4	38	0.3	1	1.0	14	0.6	.	.	.	.
BIO 253	.	.	.	.	.	.	.	.	1	1.2	4	0.2
BIO 254	.	.	.	.	1	1.0	28	1.2	.	.	.	.
BIO 255	.	.	.	.	1	1.0	14	0.6	1	1.2	14	0.8
BIO 256	3	0.6	53	0.4	1	1.0	21	0.9	2	2.4	52	3.0
BIO 270	2	0.4	24	0.2	.	.	.	.	.	.	.	.
BIO 290	1	0.2	2	0.0	.	.	.	.	.	.	.	.
BIO 296	2	0.4	3	0.0	.	.	.	.	.	.	.	.
BIO 298	1	0.2	1	0.0	.	.	.	.	.	.	.	.
BIO 299	1	0.2	4	0.0	.	.	.	.	.	.	.	.
Total	537	100.0	12,382	100.0	96	100.0	2,241	100.0	85	100.0	1,755	100.0

Table 25. 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	25.0	524	29.0
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	1.0	.	.	.	.	.	.	.	.
BIO 141	122	22.0	2,812	21.8	19	20.0	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	7.0	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	0.0	.	.	.	.	.	.	.	.
BIO 296	1	0.2	1	0.0	.	.	.	.	.	.	.	.
BIO 299	1	0.2	5	0.0	.	.	.	.	.	.	.	.
Total	555	100.0	12,911	100.0	95	100.0	2,287	100.0	72	100.0	1,807	100.0

Source: IRIS Files

Table 26. 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	20.0	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	33.0
BIO 142	74	14.3	1,611	13.5	18	20.0	435	19.5	16	20.3	348	18.3
BIO 150	37	7.1	804	6.7	9	10.0	203	9.1	3	3.8	61	3.2
BIO 195	2	0.4	38	0.3	.	.	.	.	.	.	.	.
BIO 199	2	0.4	2	0.0	.	.	.	.	.	.	.	.
BIO 205	8	1.5	120	1.0	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	0.0	.	.	.	.	.	.	.	.
BIO 296	1	0.2	2	0.0	.	.	.	.	.	.	.	.
BIO 299	3	0.6	16	0.1	.	.	.	.	.	.	.	.
Total	518	100.0	11,957	100.0	90	100.0	2,226	100.0	79	100.0	1,899	100.0

Source: IRIS Files

Table 27. 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	23.0	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	2.0	23	2.0
BIO 195	3	0.6	55	0.4	.	.	.	.	.	.	.	.
BIO 199	1	0.2	1	0.0	.	.	.	.	.	.	.	.
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	2.0	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	0.0	.	.	.	.	.	.	.	.
Total	541	100.0	12,663	100.0	90	100.0	2,049	100.0	51	100.0	1,127	100.0

Source: IRIS Files

F. Biology Enrollment by Session

Table 28. 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	30.0	132	28.6	.	.	.	.	250	43.4	6,846	45.6	22	31.0	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	50.0	278	60.3	.	.	.	.	101	17.5	2,744	18.3	22	31.0	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	10.0	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	10.0	25	5.4	.	.	.	.	.	.	.	.	.	.	.	.
BIO 205	.	.	.	.	.	.	.	.	20	3.5	400	2.7	.	.	.	.
BIO 206	.	.	.	.	.	.	.	.	6	1.0	146	1.0	.	.	.	.
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	0.0	.	.	.	.
BIO 299	.	.	.	.	1	5.3	2	0.6	.	.	.	.	.	.	.	.
Total	20	100.0	461	100.0	19	100.0	333	100.0	576	100.0	15,006	100.0	71	100.0	1,826	100.0

Source: IRIS Files

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

Table 29. 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	26.0	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	0.0	.	.	.	.
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	0.0	1	1.3	1	0.1
BIO 296	1	5.6	1	0.2	1	0.2	1	0.0	.	.	.	.
BIO 298	1	0.2	1	0.0	.	.	.	.
Total	21	100.0	535	100.0	18	100.0	463	100.0	588	100.0	14,949	100.0	77	100.0	1,895	100.0

Source: IRIS Files

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

Table 30. 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	6.0	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	7.0	156	6.1
BIO 165	.	.	.	.	1	3.2	24	4.0	.	.	.	.	.	.	.	.
BIO 180	1	3.4	31	5.0	.	.	.	.	.	.	.	.	.	.	.	.
BIO 205	.	.	.	.	.	.	.	.	14	2.5	234	1.7	2	1.7	2	0.1
BIO 206	.	.	.	.	.	.	.	.	6	1.1	134	1.0	.	.	.	.
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	0.0	.	.	.	.
Total	29	100.0	614	100.0	31	100.0	600	100.0	556	100.0	13,379	100.0	115	100.0	2,563	100.0

Source: IRIS Files

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

Table 31. 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	25.0	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	0.0	1	0.8	1	0.0
BIO 205	8	1.5	188	1.5	2	1.5	28	1.1
BIO 206	11	2.0	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	0.0	.	.	.	.
BIO 298	1	0.2	1	0.0	.	.	.	.
BIO 299	1	0.2	4	0.0	.	.	.	.
Total	24	100.0	510	100.0	23	100.0	486	100.0	541	100.0	12,857	100.0	130	100.0	2,525	100.0

Source: IRIS Files

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

Table 32. 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	8.0	.	.	.	.	.	.	.	.
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	100.0	1	100.0	1	100.0	1	100.0
BIO 296	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
BIO 299	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total	31	100.0	578	100.0	21	100.0	423	100.0	1	100.0	1	100.0	1	100.0	1	100.0

Source: IRIS Files

Table 32 (Cont'd). Biology Enrollment by Session: Fall 2015

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	35.0	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	1.0	.	.	.	.
BIO 141	6	21.4	136	24.8	113	21.0	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	1.0	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	0.0	.	.	.	.
BIO 299	.	.	.	.	1	0.2	5	0.0	.	.	.	.
Total	28	100.0	548	100.0	537	100.0	13,094	100.0	103	100.0	2,360	100.0

Source: IRIS File

Table 33. 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	100.0	588	100.0	22	100.0	404	100.0

Table 33 (Cont'd). Biology Enrollment by Session: Spring 2016

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	32.0	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	7.0	796	6.6	8	8.7	138	6.8
BIO 195	.	.	.	.	2	0.4	38	0.3	.	.	.	.
BIO 199	.	.	.	.	2	0.4	2	0.0	.	.	.	.
BIO 205	.	.	.	.	10	2.0	168	1.4	.	.	.	.
BIO 206	.	.	.	.	10	2.0	202	1.7	.	.	.	.
BIO 231	.	.	.	.	.	.	.	.	2	2.2	20	1.0
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	0.0	.	.	.	.
BIO 296	.	.	.	.	1	0.2	2	0.0	.	.	.	.
BIO 299	.	.	.	.	1	0.2	3	0.0	2	2.2	13	0.6
Total	48	100.0	992	100.0	499	100.0	12,069	100.0	92	100.0	2,029	100.0

Source: IRIS Files

Note: 10 & 12 week courses were not offered

Section 2. Biotechnology Student Success

Table 41. 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	64.0	67.4	64.0	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	82.0	68.8	71.4	95.5	91.3	.
BIO 141	63.3	64.1	61.2	56.6	79.0	68.7
BIO 142	81.3	85.8	79.1	60.5	89.1	91.0
BIO 147	76.9	.	.	.	76.9	.
BIO 150	82.0	91.0	74.8	70.8	77.8	100.0
BIO 165	91.3	.	.	.	91.3	.
BIO 180	84.0	.	.	.	84.0	.
BIO 205	90.0	86.4	87.7	95.8	93.3	93.3
BIO 206	83.6	72.0	91.7	87.5	.	.
BIO 231	63.2	.	63.2	.	.	.
BIO 250	100.0	.	.	.	100.0	.
BIO 253	83.8	.	.	90.0	81.5	.
BIO 256	81.0	81.0	.	.	.	.
BIO 296	100.0	.	.	.	100.0	.
BIO 299	100.0	.	100.0	.	.	.
Total	71.9	69.9	70.4	67.3	78.2	80.6

Source: PeopleSoft Grade Distribution Report

Table 42. 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	75.0	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	60.0	.	.	60.0	.	.
BIO 150	80.8	89.1	73.4	72.7	85.0	93.3
BIO 165	100.0	.	.	100.0	.	.
BIO 180	71.4	.	.	71.4	.	.
BIO 195	100.0	.	100.0	.	.	.
BIO 199	100.0	100.0	.	.	.	.
BIO 205	93.7	94.7	94.4	87.0	.	94.9
BIO 206	75.3	50.0	64.0	.	90.0	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	100.0	.	.	.	.	100.0
BIO 296	100.0	.	.	.	100.0	.
BIO 298	100.0	.	.	.	100.0	.
Total	73.3	72.6	72.0	67.1	77.3	83.2

Source: PeopleSoft Grade Distribution Report

Table 43. 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	60.0	.	78.3	82.4	.
BIO 141	62.2	63.5	59.1	63.5	78.0	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	75.0	76.2	87.3	92.3
BIO 165	100.0	.	.	.	100.0	.
BIO 180	96.8	.	.	.	96.8	.
BIO 205	94.1	94.7	96.1	86.7	84.6	100.0
BIO 206	77.6	66.7	90.5	76.0	.	.
BIO 231	62.5	.	62.5	.	.	.
BIO 250	92.6	.	.	.	92.6	.
BIO 253	100.0	.	.	100.0	100.0	.
BIO 256	71.4	71.4	.	.	.	.
BIO 296	100.0	.	.	.	100.0	.
Total	72.9	69.7	71.5	70.3	80.4	78.0

Source: PeopleSoft Grade Distribution Report

Table 44. 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	73.0	82.2	88.3
BIO 110	69.4	75.0	.	.	65.0	.
BIO 120	77.0	47.8	92.6	87.5	.	.
BIO 141	67.1	65.8	65.0	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	100.0	100.0	100.0	.	.	.
BIO 205	92.6	92.3	94.9	87.0	.	.
BIO 206	73.3	70.0	60.0	63.6	90.9	88.2
BIO 231	66.7	.	66.7	.	.	.
BIO 252	73.1	.	.	.	73.1	.
BIO 253	50.0	.	.	50.0	.	.
BIO 254	96.4	.	.	.	96.4	.
BIO 255	82.1	.	.	.	82.1	.
BIO 256	71.4	65.4	75.0	.	76.2	.
BIO 270	75.0	.	75.0	.	.	.
BIO 290	100.0	.	.	100.0	.	.
BIO 296	100.0	.	.	100.0	100.0	.
BIO 298	100.0	.	.	.	100.0	.
BIO 299	100.0	.	100.0	.	.	.
Total	75.2	73.8	74.8	68.0	77.8	83.4

Source: PeopleSoft Grade Distribution Report

Table 45. 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	83.0	81.1	88.0
BIO 120	76.2	68.8	.	87.0	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	100.0	.	.	.	100.0	.
BIO 180	94.1	.	.	.	94.1	.
BIO 195	87.5	.	.	87.5	.	.
BIO 205	93.5	93.8	89.1	.	100.0	100.0
BIO 206	83.6	94.1	91.7	65.0	.	.
BIO 231	100.0	.	100.0	.	.	.
BIO 250	82.4	.	.	.	82.4	.
BIO 253	93.8	.	.	.	93.8	.
BIO 256	79.0	73.3	.	.	94.1	.
BIO 270	90.0	.	90.0	.	.	.
BIO 290	100.0	.	.	100.0	.	100.0
BIO 296	100.0	.	.	.	100.0	.
BIO 299	100.0	.	.	.	100.0	.
Total	74.9	72.2	75.6	67.3	79.6	80.3

Source: PeopleSoft Grade Distribution Report

Table 46. 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	70.0	71.7
BIO 102	82.5	74.6	87.1	75.3	85.8	84.3
BIO 110	72.7	71.4	.	.	75.0	.
BIO 120	84.5	84.6	95.7	81.0	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	100.0	88.0	90.3
BIO 195	68.4	.	.	68.4	.	.
BIO 199	100.0	100.0	.	.	.	.
BIO 205	92.9	100.0	92.7	88.2	90.0	.
BIO 206	74.6	77.8	45.5	69.2	86.4	100.0
BIO 231	100.0	.	100.0	.	.	.
BIO 252	92.9	.	.	.	92.9	.
BIO 254	100.0	.	.	.	100.0	.
BIO 255	92.9	.	.	.	92.9	.
BIO 256	84.6	79.2	78.6	.	100.0	.
BIO 290	100.0	.	.	100.0	.	.
BIO 296	100.0	.	.	.	100.0	.
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 47. 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	80.0	79.3	80.2	78.4	80.2	82.0
BIO 110	83.3	.	83.3	.	.	.
BIO 120	73.1	78.9	.	75.0	66.7	.
BIO 141	65.5	71.1	65.5	51.6	69.3	67.0
BIO 142	80.6	81.0	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	100.0	.	100.0	.	.	.
BIO 205	92.9	85.7	96.0	.	90.0	.
BIO 206	87.0	85.0	95.0	78.6	.	.
BIO 231	100.0	.	100.0	.	.	.
BIO 250	85.0	.	.	.	85.0	.
BIO 253	95.0	.	.	.	95.0	.
BIO 256	84.2	81.8	.	.	92.3	.
BIO 296	100.0	.	.	.	100.0	.
Total	75.1	74.2	74.9	68.7	77.9	80.3

A. Biology Student Success by Modality

Table 48. 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	63.0	68.9	46.3	.
BIO 102	81.1	72.0	83.0	46.3	.
BIO 110	61.5	.	61.5	.	.
BIO 120	82.0	.	82.0	.	.
BIO 141	63.3	.	66.8	45.8	.
BIO 142	81.3	.	83.5	72.0	.
BIO 147	76.9	.	76.9	.	.
BIO 150	82.0	.	83.4	74.5	.
BIO 165	91.3	.	91.3	.	.
BIO 180	84.0	.	84.0	.	.
BIO 205	90.0	.	90.0	.	.
BIO 206	83.6	.	83.6	.	.
BIO 231	63.2	.	63.2	.	.
BIO 250	100.0	.	100.0	.	.
BIO 253	83.8	.	81.5	90.0	.
BIO 256	81.0	.	76.9	84.4	.
BIO 296	100.0	.	100.0	.	.
BIO 299	100.0	.	.	.	100.0

Source: PeopleSoft Grade Distribution Report

Table 49. 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	52.0	.
BIO 110	78.6	.	78.6	.	.
BIO 120	75.0	.	75.0	.	.
BIO 141	66.2	.	71.3	45.9	.
BIO 142	80.4	.	83.1	64.8	.
BIO 147	60.0	.	.	60.0	.
BIO 150	80.8	.	85.4	61.0	.
BIO 165	100.0	.	100.0	.	.
BIO 180	71.4	.	71.4	.	.
BIO 195	100.0	.	100.0	.	.
BIO 199	100.0	.	.	.	100.0
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	.	100.0	66.7	.
BIO 256	67.6	.	63.2	69.2	.
BIO 290	100.0	.	100.0	.	.
BIO 296	100.0	.	100.0	.	.
BIO 298	100.0	.	100.0	.	.

Source: PeopleSoft Grade Distribution Report

Table 50. 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	.	82.0	68.2	.
BIO 147	89.7	.	89.7	.	.
BIO 150	81.9	.	86.1	59.0	.
BIO 165	100.0	.	100.0	.	.
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	100.0	.	100.0	100.0	.
BIO 256	71.4	.	85.7	67.3	.
BIO 296	100.0	.	100.0	.	.

Source: PeopleSoft Grade Distribution Report

Table 51. 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	83.0	56.5	.
BIO 110	69.4	.	69.4	.	.
BIO 120	77.0	.	77.0	.	.
BIO 141	67.1	.	71.0	46.8	.
BIO 142	81.3	64.0	84.4	67.8	.
BIO 150	86.1	47.6	89.1	74.6	.
BIO 199	100.0	.	.	.	100.0
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	50.0	.	.	50.0	.
BIO 254	96.4	.	96.4	.	.
BIO 255	82.1	.	71.4	92.9	.
BIO 256	71.4	.	75.7	65.4	.
BIO 270	75.0	.	75.0	.	.
BIO 290	100.0	.	100.0	.	.
BIO 296	100.0	.	100.0	.	.
BIO 298	100.0	.	100.0	.	.
BIO 299	100.0	.	100.0	.	.

Source: PeopleSoft Grade Distribution Report

Table 52. 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	.	66.0	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	100.0	.	100.0	100.0	.
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	100.0	.	.	100.0	.
BIO 250	82.4	.	82.4	.	.
BIO 253	93.8	.	93.8	.	.
BIO 256	79.0	.	81.3	76.7	.
BIO 270	90.0	.	90.0	.	.
BIO 290	100.0	.	100.0	.	.
BIO 296	100.0	.	100.0	.	.
BIO 299	100.0	.	100.0	.	.

Source: PeopleSoft Grade Distribution Report

Table 53. 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	35.0	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	100.0	.	100.0	.	100.0
BIO 205	92.9	.	92.9	.	.
BIO 206	74.6	.	74.6	.	.
BIO 231	100.0	.	.	100.0	.
BIO 252	92.9	.	92.9	.	.
BIO 254	100.0	.	100.0	.	.
BIO 255	92.9	.	92.9	.	.
BIO 256	84.6	.	89.3	79.2	.
BIO 290	100.0	.	100.0	.	.
BIO 296	100.0	.	100.0	.	.
BIO 299	87.5	.	87.5	.	.

Source: PeopleSoft Grade Distribution Report

Table 54. 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	80.0	.	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	100.0	.	.	.	100.0
BIO 205	92.9	.	92.9	.	.
BIO 206	87.0	.	87.0	.	.
BIO 231	100.0	.	100.0	.	.
BIO 250	85.0	.	85.0	.	.
BIO 253	95.0	.	90.0	100.0	.
BIO 256	84.2	.	88.9	80.0	.
BIO 296	100.0	.	100.0	.	.

A. Biology Student Success by Dual Enrollment Status

Table 55. 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	82.0	82.0	.
BIO 141	63.3	63.8	10.5
BIO 142	81.3	81.3	.
BIO 147	76.9	76.9	.
BIO 150	82.0	82.0	.
BIO 165	91.3	91.3	.
BIO 180	84.0	84.0	.
BIO 205	90.0	90.0	.
BIO 206	83.6	83.6	.
BIO 231	63.2	63.2	.
BIO 250	100.0	100.0	.
BIO 253	83.8	83.8	.
BIO 256	81.0	81.0	.
BIO 296	100.0	100.0	.
BIO 299	100.0	100.0	.

Source: PeopleSoft Grade Distribution Report

Table 56. 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	75.0	75.0	.
BIO 141	66.2	66.2	.
BIO 142	80.4	80.4	.
BIO 147	60.0	60.0	.
BIO 150	80.8	80.8	.
BIO 165	100.0	100.0	.
BIO 180	71.4	71.4	.
BIO 195	100.0	100.0	.
BIO 199	100.0	100.0	.
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	100.0	100.0	.
BIO 296	100.0	100.0	.
BIO 298	100.0	100.0	.

Source: PeopleSoft Grade Distribution Report

Table 57. 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	100.0
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	100.0	100.0	.
BIO 180	96.8	96.8	.
BIO 205	94.1	94.0	100.0
BIO 206	77.6	77.6	.
BIO 231	62.5	62.5	.
BIO 250	92.6	92.6	.
BIO 253	100.0	100.0	.
BIO 256	71.4	71.4	.
BIO 296	100.0	100.0	.

Source: PeopleSoft Grade Distribution Report

Table 58. 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	100.0
BIO 110	69.4	69.4	.
BIO 120	77.0	77.0	.
BIO 141	67.1	67.1	.
BIO 142	81.3	81.3	.
BIO 150	86.1	86.1	.
BIO 199	100.0	100.0	.
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	50.0	50.0	.
BIO 254	96.4	96.4	.
BIO 255	82.1	82.1	.
BIO 256	71.4	71.4	.
BIO 270	75.0	75.0	.
BIO 290	100.0	100.0	.
BIO 296	100.0	100.0	.
BIO 298	100.0	100.0	.
BIO 299	100.0	100.0	.

Source: PeopleSoft Grade Distribution Report

Table 59. 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	100.0
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	100.0	100.0	.
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	100.0	100.0	.
BIO 250	82.4	82.4	.
BIO 253	93.8	93.8	.
BIO 256	79.0	79.0	.
BIO 270	90.0	90.0	.
BIO 290	100.0	100.0	.
BIO 296	100.0	100.0	.
BIO 299	100.0	100.0	.

Source: PeopleSoft Grade Distribution Report

Table 60. 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	100.0
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	100.0	100.0	.
BIO 205	92.9	92.9	.
BIO 206	74.6	74.6	.
BIO 231	100.0	100.0	.
BIO 252	92.9	92.9	.
BIO 254	100.0	100.0	.
BIO 255	92.9	92.9	.
BIO 256	84.6	84.0	100.0
BIO 290	100.0	100.0	.
BIO 296	100.0	100.0	.
BIO 299	87.5	87.5	.

Source: PeopleSoft Grade Distribution Report

Table 61. 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	80.0	80.0	.
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	100.0	100.0	.
BIO 205	92.9	92.8	100.0
BIO 206	87.0	87.0	.
BIO 231	100.0	100.0	.
BIO 250	85.0	85.0	.
BIO 253	95.0	95.0	.
BIO 256	84.2	84.2	.
BIO 296	100.0	100.0	.

B. Biology Student Success by Session

Table 62. 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	82.0	.	.	.	.	.	82.0	.
BIO 141	63.3	76.8	.	.	.	.	65.9	45.8
BIO 142	81.3	.	91.7	.	.	.	81.4	72.0
BIO 147	76.9	76.9	.	.	.	.	.	.
BIO 150	82.0	.	.	.	.	.	83.4	74.5
BIO 165	91.3	.	91.3	.	.	.	.	.
BIO 180	84.0	84.0	.	.	.	.	.	.
BIO 205	90.0	.	.	.	.	.	90.0	.
BIO 206	83.6	.	.	.	.	.	83.6	.
BIO 231	63.2	.	.	.	.	.	63.2	.
BIO 250	100.0	.	.	.	.	.	100.0	.
BIO 253	83.8	.	.	.	.	.	81.5	90.0
BIO 256	81.0	.	.	.	.	.	76.9	84.4
BIO 296	100.0	.	.	.	.	.	100.0	.
BIO 299	100.0	.	100.0	.	.	.	.	.

Source: PeopleSoft Grade Distribution Report

Table 63. 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	64.0
BIO 110	78.6	.	.	.	.	.	78.6	.
BIO 120	75.0	.	.	.	.	.	75.0	.
BIO 141	66.2	87.9	.	.	.	.	69.3	45.9
BIO 142	80.4	96.4	91.6	.	.	.	80.6	64.8
BIO 147	60.0	.	.	.	.	.	.	60.0
BIO 150	80.8	.	.	.	.	.	85.4	61.0
BIO 165	100.0	.	100.0	.	.	.	.	.
BIO 180	71.4	71.4	.	.	.	.	.	.
BIO 195	100.0	.	.	.	.	.	.	100.0
BIO 199	100.0	.	.	.	.	.	100.0	.
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	.	.	.	.	.	100.0	66.7
BIO 256	67.6	.	.	.	.	.	63.2	69.2
BIO 290	100.0	.	.	.	.	.	.	100.0
BIO 296	100.0	.	100.0	.	.	.	100.0	.
BIO 298	100.0	.	.	.	.	.	100.0	.

Source: PeopleSoft Grade Distribution Report

Table 64. 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	59.0
BIO 165	100.0	.	100.0	.	.	.	.	.
BIO 180	96.8	96.8	.	.	.	.	.	.
BIO 205	94.1	.	.	.	.	.	94.0	100.0
BIO 206	77.6	.	.	.	.	.	77.6	.
BIO 231	62.5	.	.	.	.	.	.	62.5
BIO 250	92.6	.	.	.	.	.	92.6	.
BIO 253	100.0	.	.	.	.	.	100.0	100.0
BIO 256	71.4	.	.	.	.	.	85.7	67.3
BIO 296	100.0	.	.	.	.	.	100.0	.

Source: PeopleSoft Grade Distribution Report

Table 65. 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	77.0	.	.	.	.	.	77.0	.
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	100.0	.	.	.	.	.	100.0	100.0
BIO 205	92.6	.	.	.	.	.	91.5	100.0
BIO 206	73.3	.	.	.	.	.	73.3	.
BIO 231	66.7	.	.	.	.	.	.	66.7
BIO 252	73.1	.	.	.	.	.	73.1	.
BIO 253	50.0	.	.	.	.	.	.	50.0
BIO 254	96.4	.	.	.	.	.	96.4	.
BIO 255	82.1	.	.	.	.	.	71.4	92.9
BIO 256	71.4	.	.	.	.	.	75.7	65.4
BIO 270	75.0	.	.	.	.	.	75.0	.
BIO 290	100.0	.	.	.	.	.	.	100.0
BIO 296	100.0	.	.	.	.	.	100.0	.
BIO 298	100.0	.	.	.	.	.	100.0	.
BIO 299	100.0	.	.	.	.	.	100.0	.

Source: PeopleSoft Grade Distribution Report

Table 66. 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	100.0	83.3	.	.	84.6	82.1	71.6
BIO 147	86.7	86.7	.	.	.	.	.	.
BIO 150	84.2	.	.	.	.	87.1	87.0	63.3
BIO 165	100.0	.	100.0	.	.	.	.	100.0
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	100.0	.	.	.	.	.	.	100.0
BIO 250	82.4	.	.	.	.	.	82.4	.
BIO 253	93.8	.	.	.	.	.	93.8	.
BIO 256	79.0	.	.	.	.	.	81.3	76.7
BIO 270	90.0	.	.	.	.	90.0	.	.
BIO 290	100.0	.	.	100.0	100.0	.	.	.
BIO 296	100.0	.	.	.	.	.	100.0	.
BIO 299	100.0	.	.	.	.	.	100.0	.

Source: PeopleSoft Grade Distribution Report

Table 67. 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	61.0
BIO 110	72.7	.	.	.	.	.	72.7	.
BIO 120	84.5	.	.	.	.	.	84.5	.
BIO 141	63.5	81.0	.	.	.	61.2	65.5	47.4
BIO 142	81.5	83.3	95.1	.	.	68.1	81.1	77.5
BIO 150	87.4	.	.	.	.	91.0	89.5	71.0
BIO 195	68.4	.	.	.	.	.	68.4	.
BIO 199	100.0	.	.	.	.	.	100.0	.
BIO 205	92.9	.	.	.	.	.	92.9	.
BIO 206	74.6	.	.	.	.	.	74.6	.
BIO 231	100.0	.	.	.	.	.	.	100.0
BIO 252	92.9	.	.	.	.	.	92.9	.
BIO 254	100.0	.	.	.	.	.	100.0	.
BIO 255	92.9	.	.	.	.	.	92.9	.
BIO 256	84.6	.	.	.	.	.	88.5	80.8
BIO 290	100.0	.	.	.	.	.	100.0	.
BIO 296	100.0	.	.	.	.	.	100.0	.
BIO 299	87.5	.	.	.	.	.	100.0	84.6

Source: PeopleSoft Grade Distribution Report

Table 68. 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	91.0	.	.	.	68.2	74.7	71.2
BIO 102	80.0	.	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	89.0	71.9
BIO 165	91.3	.	.	.	.	.	.	91.3
BIO 195	70.4	.	.	.	.	.	70.4	.
BIO 199	100.0	.	.	.	.	.	100.0	.
BIO 205	92.9	.	.	.	.	.	92.8	100.0
BIO 206	87.0	.	.	.	.	.	87.0	.
BIO 231	100.0	.	.	.	.	.	100.0	.
BIO 250	85.0	.	.	.	.	.	85.0	.
BIO 253	95.0	.	.	.	.	.	90.0	100.0
BIO 256	84.2	.	.	.	.	.	88.9	80.0
BIO 296	100.0	.	.	.	.	.	100.0	.

C. Biotechnology Graduation Rate

Table 69. Biotechnology A.A.S. Graduation Rate from Any Program: Fall 2008 Cohort through Fall 2012 Cohort

Associates	Fall 2008 Cohort			Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
	N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years	
		#	%		#	%		#	%		#	%		#	%
Biotechnology, A.A.S.	11	3	27.3	20	7	35.0	19	7	36.8	22	2	9.1	18	4	22.2
All Program-Placed Associates	5,727	1,280	22.4	6,119	1,516	24.8	5,963	1,312	22.0	6,438	1,517	23.6	6,907	1,589	23.0

Source: PeopleSoft Grade Distribution Report

Note: Students who graduated from any program including Biotechnology, within the four- year time frame are counted.

Table 70. Biotechnology A.A.S. Graduation Rate from Same Program: Fall 2008 Cohort through Fall 2012 Cohort

Associates	Fall 2008 Cohort			Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
	N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years	
		#	%		#	%		#	%		#	%		#	%
Biotechnology, A.A.S.	11	0	0.0	20	0	0.0	19	0	0.0	22	0	0.0	18	0	0.0

Source: PeopleSoft Grade Distribution Report

Note: Students who graduated from Biotechnology within the four- year time frame are counted.

Table 71. Biotechnology C.S.C. Graduation Rate from Any Program: Fall 2010 Cohort through Fall 2014 Cohort

Certificate	Fall 2010 Cohort		Fall 2011 Cohort		Fall 2012 Cohort		Fall 2013 Cohort		Fall 2014 Cohort						
	N	Graduated w/in 2 Years	N	Graduated w/in 2 Years	N	Graduated w/in 2 Years	N	Graduated w/in 2 Years	N	Graduated w/in 2 Years					
											#	%	#	%	#
Biotech Lab Technician, C.S.C.	.	.	1	0	0.0	1	0	0.0	1	0	0.0	3	1	33.3	
All Program-Placed Certificates	392	24	6.1	328	9	2.7	319	14	4.4	282	19	6.74	237	12	5.1

Source: PeopleSoft Grade Distribution Report

Note: Students who graduated from any program including Biotechnology Lab Technician, C.S.C. within the two- year time frame are counted.

Table 72. Biotechnology C.S.C. Graduation Rate from Same Program: Fall 2010 Cohort through Fall 2014 Cohort

Certificate	Fall 2010 Cohort		Fall 2011 Cohort		Fall 2012 Cohort		Fall 2013 Cohort		Fall 2014 Cohort					
	N	Graduated w/in 2 Years	N	Graduated w/in 2 Years	N	Graduated w/in 2 Years	N	Graduated w/in 2 Years	N	Graduated w/in 2 Years				
											#	%	#	%
Biotech Lab Technician, C.S.C.	.	.	1	0	0.0	1	0	0.0	1	0	0.0	3	1	33.3

Source: PeopleSoft Grade Distribution Report

Note: Students who graduated from Biotech Lab Technician within the two- year time frame are counted.

A. Biotechnology Cumulative Mean GPA of Graduates

Table 73. Biotechnology Cumulative Mean GPA of Graduates: 2011-12 through 2015-16

	Curr. Code	2011-12	2012-13	2013-14	2014-15	2015-16
Biotechnology, A.A.S.	1490	-	-	3.38	-	3.46
Biotech Lab Technician, CSC	221-149-01	-	-	-	-	-
College		3.18	3.20	3.22	3.21	3.20

Source: PeopleSoft Grade Distribution Report

Note: "-" GPA not provided for programs with fewer than 10 graduates

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

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

Table 74. Biotechnology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall 2013

Campus	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 75. Biotechnology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Spring 2014

Campus	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	7.0

Source: PeopleSoft

Table 76. Biotechnology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall 2014

Campus	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	7.0

Source: PeopleSoft

Table 77. Biotechnology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Spring 2015

Campus	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 78. Biotechnology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall 2015

Campus	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 79. Biotechnology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Spring 2016

Campus	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 80. Biotechnology FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall 2016

Campus	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	6.0	1.0	6.5

Source: PeopleSoft

NOVA Mission and Strategic Goals

Mission

With commitment to the values of access, opportunity, student success, and excellence, the mission of Northern Virginia Community College is to deliver world-class in-person and online post-secondary teaching, learning, and workforce development to ensure our region and the Commonwealth of Virginia have an educated population and globally competitive workforce.

Strategic Goals

- I. **STUDENT SUCCESS** – Northern Virginia Community College will move into the top tier of community colleges with respect to the college readiness, developmental course completion, retention, graduation, transfer, and career placement of its students.
- II. **ACCESS** – Northern Virginia Community College will increase the number and diversity of students being served to mirror the population growth of the region.
- III. **TEACHING AND LEARNING** – Northern Virginia Community College will focus on student success by creating an environment of world-class teaching and learning.
- IV. **EXCELLENCE** – Northern Virginia Community College will develop ten focal points of excellence in its educational programs and services that will be benchmarked to the best in the nation and strategic to building the College's overall reputation for quality.
- V. **LEADERSHIP** – Northern Virginia Community College will serve as a catalyst and a leader in developing educational and economic opportunities for all Northern Virginians and in maintaining the quality of life and economic competitiveness of the region.
- VI. **PARTNERSHIPS** – Northern Virginia Community College will develop strategic partnerships to create gateways of opportunity and an integrated educational system for Northern Virginians who are pursuing the American Dream.
- VII. **RESOURCES** – Northern Virginia Community College will increase its annual funding by \$100 million and expand its physical facilities by more than one million square feet in new and renovated space. This includes the establishment of two additional campuses at epicenters of the region's population growth, as well as additional education and training facilities in or near established population centers.
- VIII. **EMERGENCY PREPAREDNESS AND CONTINUITY OF OPERATIONS** – Northern Virginia Community College will be recognized as a leader among institutions of higher education in Virginia for its development and testing of emergency response and continuity of operation plans.

NOVA

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