

	all	last year	all	last year	all	last year
scores	BIO 200		BIO 202		BIO 499	
0	0	0	0	0	0	0
10	13	3	2	1	0	0
20	384	82	143	28	3	3
30	1208	228	275	73	6	2
40	593	106	280	48	49	13
50	125	25	213	45	94	31
60	16	2	129	32	76	28
70	1	0	24	7	28	6
80	2	2	8	3	8	2
90	0	0	1	1	1	0
	0	0	0	0	1	0
sum	2342	448	1075	238	266	85

Table 1. Histogram of scores for BIO 200 (entry assessment), BIO 202 (end of introductory BIO), and BIO 499 (exit assessment for majors).

Fig. 1a-c. Histogram of scores for BIO 200 (entry assessment), BIO 202 (end of introductory BIO), and BIO 499 (exit assessment for majors).

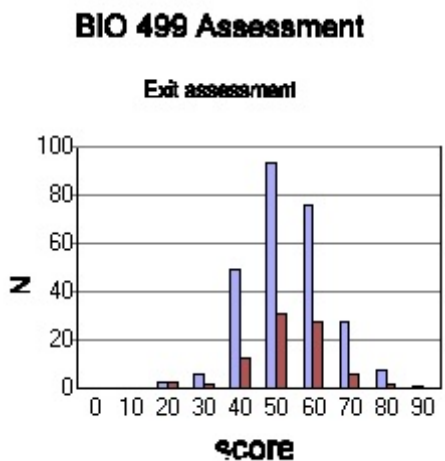
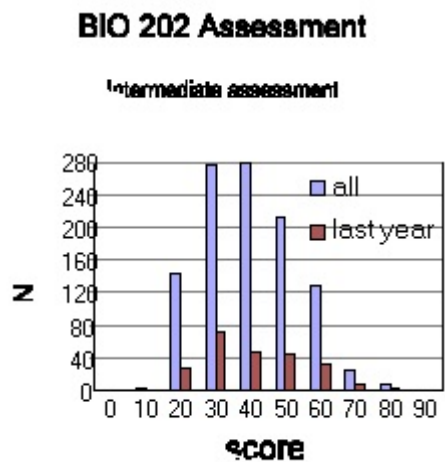
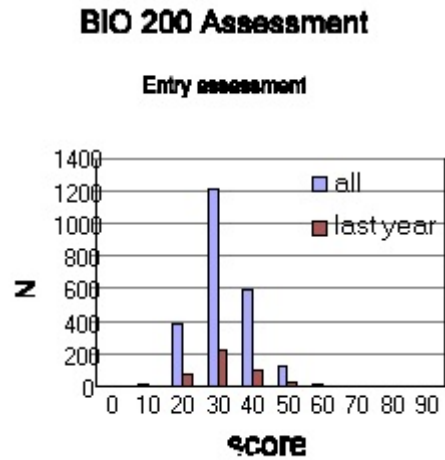


Fig. 2. Average total score by year and level.

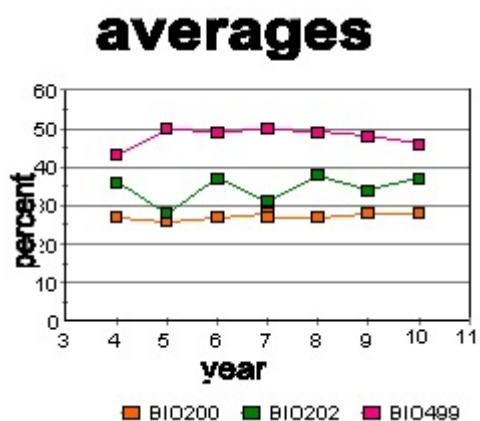


Figure 3. Average BIO 499 (Exit assessment) part score by year. (Orange scores are cell/molecular; for some unknown reason the spreadsheet graphics are quirky.)

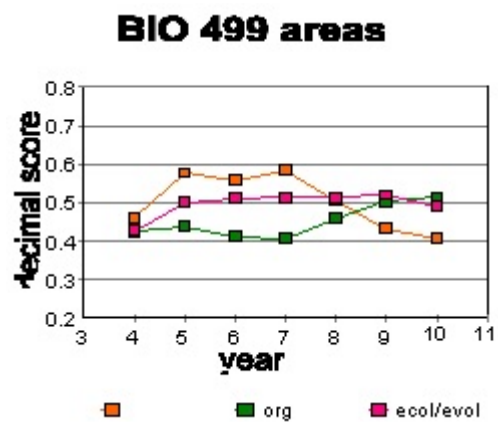


Table 2. BIO 499 Exit Assessment Scores by category (0-1: 1 is 100%)

area				BIO 499	GRE area		GRE area
				all years		current year	
biochemistry	I	7		0.646		0.516	
cell biology	I	10		0.424	0.516	0.344	0.415
genetics	I	17		0.508	0.508	0.399	0.399
evolutionary mechanisms	III	17		0.535		0.534	
evolutionary diversity	II	8		0.492	0.521	0.485	0.518
plant form & function	II	10		0.442	0.442	0.500	0.500
animal form & function	II	15		0.429	0.429	0.538	0.538
ecology	III	16		0.470	0.470	0.445	0.445
Cell & Molecular	I	34		0.512		0.407	
Organismal	II	33		0.448		0.514	
Ecology & Evolution	III	33		0.504		0.491	
Total		100		0.488		0.470	

Table 2b. Scores in GRE areas: Exit minus Entry (i.e., improvement on 0-1 scale)

BIO499 - BIO200	GRE area
0.276	biochem & cell
0.270	genetics & molec. biol.
0.195	evolution
0.180	botany
0.152	zoology
0.181	ecology
	General areas
0.273	Cell & Molecular
0.168	Organismal
0.191	Ecology & Evolution

Table 3. Plans after graduation

Prospects	#1
	Plans after graduation
a) work related to degree	17
b) work, unrelated	2
c) grad or professional school	27
d) another undergrad degree	0
e) uncertain, other	2
N	48

Table 4. Ratings of program aspects

Program	#2 Improving career prospects	#3 Knowledge	#4 Instructors	#5 TAs	#6 Experiments
a) very good	14	7	10	9	5
b) good	25	34	22	19	19
c) adequate	8	7	13	18	17
d) bad	1	0	3	1	6
e) very bad	0	0	0	1	1
N	48	48	48	48	48
Mean	1.92	2.00	2.19	2.29	2.56

Table 5. Desired improvements

Improvements	#7 Improve-1	#8 Improve-2	#9 Improve-3
a) lectures	12	15	14
b) instructors	8	5	6
c) lab courses	11	6	17
d) hands-on research	14	16	8
e) extracurricular activities	3	6	2
N	48	48	47

Table 6. Future residence

future plans	#10 Residence	# 11 5Yr Residence
a) northeast OH	29	15
b) other OH	3	6
c) nearby state	1	0
d) other US	14	22
e) international	1	4
N	48	47
Mean		