

**2009-2010 Program Review
Biological Sciences**

I Instruction

A Assessment goals and outcomes for each degree program (reported separately)

B Input Data

**B 1 Headcount, Person Years and FTE -- Overall and Devoted To Instruction
Biological Sciences**

			Biological Sciences			College Total	University Total
			2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Total Headcount	23	22	21	115	676
		Total Person-Years	28.3	23.1	24.8	113.3	591.0
		Person-Years Devoted To Instruction	16.1	12.1	14.2	63.1	342.9
		Total FTE	37.7	30.8	33.1	151.1	788.0
		FTE Devoted to Instruction	21.5	16.1	19.0	84.1	457.2
Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Total Headcount	3	3	3	26	225
		Total Person-Years	2.5	2.6	2.7	21.9	184.5
		Person-Years Devoted To Instruction	2.0	1.9	2.0	18.9	153.0
		Total FTE	3.3	3.4	3.6	29.2	246.0
		FTE Devoted to Instruction	2.7	2.6	2.7	25.2	204.0
Other personnel paid on faculty pay plan	Scholar/ Scientist/ Engineer, Research Assoc, Assoc In, Asst In, Postdoc Assoc	Total Headcount	4	3	2	17	93
		Total Person-Years	3.4	1.7	1.0	13.0	73.9
		Person-Years Devoted To Instruction	0.4	0.2	0.0	4.3	14.9
		Total FTE	4.5	2.2	1.3	17.3	98.6
		FTE Devoted to Instruction	0.6	0.3	0.0	5.7	19.8
Adjuncts	--	Total Headcount	10	13	16	39	666
		Total Person-Years	1.6	1.4	1.9	7.1	125.6
		Person-Years Devoted To Instruction	1.3	1.4	1.7	5.9	121.1
		Total FTE	2.2	1.9	2.5	9.5	167.5
		FTE Devoted to Instruction	1.8	1.8	2.2	7.8	161.4
Graduate Assistants	--	Total Headcount	106	113	122	366	1,107
		Total Person-Years	36.4	34.9	37.9	128.5	317.9
		Person-Years Devoted To Instruction	31.4	29.9	30.7	109.1	202.1
		Total FTE	48.6	46.5	50.5	171.3	423.9
		FTE Devoted to Instruction	41.9	39.9	41.0	145.4	269.5
Other	--	Total Headcount	32	43	41	87	282
		Total Person-Years	4.2	1.7	10.4	20.9	44.7
		Person-Years Devoted To Instruction	2.3	1.2	4.8	8.0	14.5
		Total FTE	5.6	2.3	13.8	27.9	59.6
		FTE Devoted to Instruction	3.1	1.7	6.4	10.7	19.3
Total		Total Headcount	178	197	205	650	3,049
		Total Person-Years	76.4	65.4	78.6	304.8	1,337.7
		Person-Years Devoted To Instruction	53.6	46.8	53.4	209.2	848.4
		Total FTE	101.9	87.2	104.8	406.4	1,783.6
		FTE Devoted to Instruction	71.5	62.3	71.3	278.9	1,131.2

Source: Instruction and Research File

Report includes summer, fall and spring semester data

Faculty headcounts are unduplicated within year; faculty with appointments in multiple departments are counted in the department where they devoted most effort.

Adjuncts and Grad Assistants are counted in each department where they had an appointment.

Person-year= 1 person working full time for one year

1.00 FTE = .75 person-years

**B 2 Instructional Faculty and Adjuncts By Gender and Ethnicity
Biological Sciences**

Instructional Faculty (Tenured, tenure-earning, & non-tenure-earning)		Biological Sciences			College Total	University Total
		2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
American Indian/Alaskan Native	Male					1
	Total					1
Asian or Pacific Islander	Female				5	20
	Male	3	2	3	14	73
	Total	3	2	3	19	93
Black (Not of Hispanic Origin)	Female	1	1	1	1	28
	Male	2	2	2	3	18
	Total	3	3	3	4	46
Hispanic	Female	1	1	1	3	33
	Male				6	26
	Total	1	1	1	9	59
White (Not of Hispanic Origin)	Female	5	5	5	21	291
	Male	14	13	11	83	380
	Total	19	18	16	104	671
Non-Resident Alien	Female				2	12
	Male	1	2	2	10	28
	Total	1	2	2	12	40
Total	Female	7	7	7	32	384
	Male	20	19	18	116	526
	Total	27	26	25	148	910

Source: Instruction and Research File

Instructional Faculty includes tenured, tenure-earning and non-tenure-earning faculty members who taught a course during the year.

**B 2 Instructional Faculty and Adjuncts By Gender and Ethnicity
Biological Sciences**

Adjuncts		Biological Sciences			College Total	University Total
		2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Asian or Pacific Islander	Female					7
	Male	1	1	1	2	10
	Total	1	1	1	2	17
Black (Not of Hispanic Origin)	Female			1	2	25
	Male	1				12
	Total	1		1	2	37
Hispanic	Female					27
	Male					13
	Total					40
White (Not of Hispanic Origin)	Female	4	3	5	11	291
	Male	4	9	9	20	270
	Total	8	12	14	31	561
Non-Resident Alien	Female				1	3
	Male				3	8
	Total				4	11
Total	Female	4	3	6	14	353
	Male	6	10	10	25	313
	Total	10	13	16	39	666

Source: Instruction and Research File

**B 3 Average Course Section Size and Percent of Sections Taught By Faculty
Biological Sciences**

Course Level	Type			Biological Sciences			College Total	University Total
				2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Undergraduate	Lecture/Seminar	Sections Offered	#	83	85	87	598	5,134
			# Enrolled	6,884	7,228	8,093	38,433	170,210
			Avg Section Enrollment	82.9	85.0	93.0	64.3	33.2
		Sections Faculty-Taught	#	60	58	61	450	3,296
			%	72.3	68.2	70.1	75.3	64.2
		Lab	Sections Offered	#	239	246	263	616
		# Enrolled	4,555	4,714	5,217	11,695	17,173	
		Avg Section Enrollment	19.1	19.2	19.8	19.0	19.2	
		Sections Faculty-Taught	#	23	19	45	295	394
		%	9.6	7.7	17.1	47.9	44.0	
	Discussion	Sections Offered	#	48	45	45	99	190
		# Enrolled	940	928	1,028	3,324	5,646	
		Avg Section Enrollment	19.6	20.6	22.8	33.6	29.7	
		Sections Faculty-Taught	#			0	14	14
		%			0.0	14.1	7.4	
	Other Course Types	Sections Offered	#	113	117	157	336	1,400
		# Enrolled	293	250	393	792	9,354	
		Avg Section Enrollment	2.6	2.1	2.5	2.4	6.7	
	Sections Faculty-Taught	#	102	107	145	313	1,032	
	%	90.3	91.5	92.4	93.2	73.7		
Graduate	Lecture/Seminar	Sections Offered	#	63	52	42	177	1,714
			# Enrolled	270	280	300	1,445	22,659
			Avg Section Enrollment	4.3	5.4	7.1	8.2	13.2
		Sections Faculty-Taught	#	57	48	42	167	1,407
			%	90.5	92.3	100.0	94.4	82.1
		Lab	Sections Offered	#	1	1		
		# Enrolled	4	2			312	
		Avg Section Enrollment	4.0	2.0			8.0	
		Sections Faculty-Taught	#	1	1			23
		%	100.0	100.0			59.0	
	Other Course Types	Sections Offered	#	241	277	277	672	2,019
		# Enrolled	343	391	443	1,062	3,718	
		Avg Section Enrollment	1.4	1.4	1.6	1.6	1.8	
		Sections Faculty-Taught	#	222	248	251	627	1,916
		%	92.1	89.5	90.6	93.3	94.9	

Source: Instruction and Research File and Student Data Course File

'Other Course Types' includes DIS, Thesis/Dissertation Research, Individual Performance Instruction, Internships, etc.
Sections taught by tenured, tenure-earning and non-tenure-earning faculty are counted as 'faculty-taught'

B 4 a Majors Enrolled By Level (Annual Headcount)
Biological Sciences (Program CIP: 260101)

	Biological Sciences			College Total	University Total
	2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Bachelors	1,356	1,674	1,979	4,455	25,684
Masters/Specialist	60	52	67	209	4,480
Doctoral	72	72	74	266	840
Unclassified					4,587
Total	1,488	1,798	2,120	4,930	35,591

Source: Student Data Course File

Note: For Annual Headcounts, each student is counted once whether enrolled in summer, fall or spring. Students enrolled in more than one term during the year are included in the level of their latest term.

B 4 a Majors Enrolled By Level (Annual Headcount)
Environmental Science (Program CIP: 030104)

	Environmental Science			College Total	University Total
	2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Bachelors				4,455	25,684
Masters/Specialist	10	13	19	209	4,480
Doctoral				266	840
Unclassified					4,587
Total	10	13	19	4,930	35,591

Source: Student Data Course File

Note: For Annual Headcounts, each student is counted once whether enrolled in summer, fall or spring. Students enrolled in more than one term during the year are included in the level of their latest term.

B 4 b Majors Enrolled (Annual Headcount) By Gender and Ethnicity
Biological Sciences (Program CIP: 260101)

			Biological Sciences			College Total	University Total
			2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Undergraduate	American Indian/Alaskan Native	Female		3	8	16	57
		Male	2		0	2	37
		Total	2	3	8	18	94
	Asian or Pacific Islander	Female	77	87	117	195	647
		Male	55	61	65	118	528
		Total	132	148	182	313	1,175
	Black (Not of Hispanic Origin)	Female	191	224	276	573	3,079
		Male	80	98	124	254	1,789
		Total	271	322	400	827	4,868
	Hispanic	Female	167	214	268	639	3,097
		Male	85	121	148	294	2,107
		Total	252	335	416	933	5,204
	White (Not of Hispanic Origin)	Female	388	502	558	1,439	7,608
		Male	241	298	335	769	5,903
		Total	629	800	893	2,208	13,511
	Non-Resident Alien	Female	54	46	44	79	335
		Male	12	15	14	30	317
		Total	66	61	58	109	652
	Not Reported	Female	2	3	13	31	112
		Male	2	2	9	16	68
Total		4	5	22	47	180	
Total	Female	879	1,079	1,284	2,972	14,935	
	Male	477	595	695	1,483	10,749	
	Total	1,356	1,674	1,979	4,455	25,684	
Graduate	American Indian/Alaskan Native	Female				1	5
		Male					2
		Total				1	7
	Asian or Pacific Islander	Female	7	8	5	13	132
		Male	1	1	2	6	101
		Total	8	9	7	19	233
	Black (Not of Hispanic Origin)	Female	1	2	2	9	460
		Male	1	2	2	8	170
		Total	2	4	4	17	630
	Hispanic	Female	8	9	9	20	399
		Male	1	2	2	14	264
		Total	9	11	11	34	663
	White (Not of Hispanic Origin)	Female	47	44	62	171	2,068
		Male	38	31	34	118	1,239
		Total	85	75	96	289	3,307
	Non-Resident Alien	Female	14	15	14	46	170
		Male	14	10	9	66	229
		Total	28	25	23	112	399
	Not Reported	Female				1	49
		Male				2	32
Total					3	81	
Total	Female	77	78	92	261	3,283	
	Male	55	46	49	214	2,037	
	Total	132	124	141	475	5,320	
Unclassified	American Indian/Alaskan Native	Female					8
		Male					2
		Total					10
	Asian or Pacific Islander	Female					155
		Male					101

		Biological Sciences			College Total	University Total
		2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
	Total					256
Black (Not of Hispanic Origin)	Female					599
	Male					205
	Not Reported					1
	Total					805
Hispanic	Female					437
	Male					268
	Total					705
White (Not of Hispanic Origin)	Female					1,633
	Male					979
	Total					2,612
Non-Resident Alien	Female					65
	Male					70
	Total					135
Not Reported	Female					40
	Male					23
	Not Reported					1
	Total					64
Total	Female					2,937
	Male					1,648
	Not Reported					2
	Total					4,587

Source: Student Data Course File

Note: For Annual Headcounts, each student is counted once whether enrolled in summer, fall or spring. Students enrolled in more than one term during the year are included in the level of their latest term.

B 4 b Majors Enrolled (Annual Headcount) By Gender and Ethnicity
Environmental Science (Program CIP: 030104)

			Environmental Science			College Total	University Total
			2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Undergraduate	American Indian/Alaskan Native	Female				16	57
		Male				2	37
		Total				18	94
	Asian or Pacific Islander	Female				195	647
		Male				118	528
		Total				313	1,175
	Black (Not of Hispanic Origin)	Female				573	3,079
		Male				254	1,789
		Total				827	4,868
	Hispanic	Female				639	3,097
		Male				294	2,107
		Total				933	5,204
	White (Not of Hispanic Origin)	Female				1,439	7,608
		Male				769	5,903
		Total				2,208	13,511
	Non-Resident Alien	Female				79	335
		Male				30	317
		Total				109	652
	Not Reported	Female				31	112
		Male				16	68
Total					47	180	
Total	Female				2,972	14,935	
	Male				1,483	10,749	
	Total				4,455	25,684	
Graduate	American Indian/Alaskan Native	Female				1	5
		Male					2
		Total				1	7
	Asian or Pacific Islander	Female				13	132
		Male				6	101
		Total				19	233
	Black (Not of Hispanic Origin)	Female				9	460
		Male				8	170
		Total				17	630
	Hispanic	Female			1	20	399
		Male		1	1	14	264
		Total		1	2	34	663
	White (Not of Hispanic Origin)	Female	7	11	11	171	2,068
		Male	1	1	5	118	1,239
		Total	8	12	16	289	3,307
	Non-Resident Alien	Female	2		1	46	170
		Male				66	229
		Total	2		1	112	399
	Not Reported	Female				1	49
		Male				2	32
Total					3	81	
Total	Female	9	11	13	261	3,283	
	Male	1	2	6	214	2,037	
	Total	10	13	19	475	5,320	
Unclassified	American Indian/Alaskan Native	Female					8
		Male					2
		Total					10
	Asian or Pacific Islander	Female					155
		Male					101

		Environmental Science			College Total	University Total
		2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
	Total					256
Black (Not of Hispanic Origin)	Female					599
	Male					205
	Not Reported					1
	Total					805
Hispanic	Female					437
	Male					268
	Total					705
White (Not of Hispanic Origin)	Female					1,633
	Male					979
	Total					2,612
Non-Resident Alien	Female					65
	Male					70
	Total					135
Not Reported	Female					40
	Male					23
	Not Reported					1
	Total					64
Total	Female					2,937
	Male					1,648
	Not Reported					2
	Total					4,587

Source: Student Data Course File

Note: For Annual Headcounts, each student is counted once whether enrolled in summer, fall or spring. Students enrolled in more than one term during the year are included in the level of their latest term.

Productivity Data**C 1 Annualized State-Fundable FTE Produced By Level
Biological Sciences**

	Biological Sciences			College Total	University Total
	2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Undergraduate Total	628.0	645.6	730.4	3,200.6	13,567.8
Graduate Total	67.3	67.1	74.7	250.7	2,255.2
Grad I	32.5	28.9	34.7	105.0	1,893.1
Grad II	34.8	38.2	40.0	145.7	362.1
Classroom	42.9	43.9	50.4	182.0	2,097.1
Thesis-Dissertation	24.4	23.2	24.3	68.7	158.1
Grand Total	695.3	712.7	805.1	3,451.3	15,823.0

Source: Student Data Course File**Based On State-Fundable Credit Hours****Note: Grad I and Grad II groups will sum to Graduate Total; Classroom and Thesis-Dissertation will sum to Graduate Total.**

**C 2 Annualized State-Fundable FTE Produced In/Out Of Department or College
Biological Sciences**

Course Level	FTE produced by students who are:	Courses offered by:				
		Biological Sciences			College of Science	University Total
		2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Lower Division Undergraduate	Majors within the department	87.2	91.7	113.5	171.5	635.8
	Majors outside the department, but within the college	39.9	45.1	57.1	617.0	1,396.4
	Majors outside the college	191.0	202.9	224.5	1,302.0	3,279.5
	Total	318.0	339.7	395.1	2,090.5	5,311.6
Upper Division Undergraduate	Majors within the department	251.6	251.9	280.6	686.5	4,533.0
	Majors outside the department, but within the college	19.1	22.2	23.6	183.3	2,359.2
	Majors outside the college	39.3	31.7	31.2	240.3	1,363.9
	Total	310.0	305.8	335.3	1,110.2	8,256.1
Graduate	Majors within the department	61.4	60.2	69.4	211.2	1,631.6
	Majors outside the department, but within the college	0.5	0.8	0.5	10.4	392.8
	Majors outside the college	5.4	6.1	4.7	29.2	230.8
	Total	67.3	67.1	74.7	250.7	2,255.2
Total	Majors within the department	400.1	403.9	463.5	1,069.2	6,800.4
	Majors outside the department, but within the college	59.5	68.2	81.2	810.7	4,148.3
	Majors outside the college	235.7	240.6	260.4	1,571.4	4,874.2
	Total	695.3	712.7	805.1	3,451.3	15,823.0

**Source: Student Data Course File
Based On State-Fundable Credit Hours**

**C 3 Degrees Awarded
Biological Sciences (Program CIP: 260101)**

		Biological Sciences			College Total	University Total
		2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Associates	Degrees awarded with a:					
	Single major					177.0
Bachelors	All					177.0
	Degrees awarded with a:					
	Single major	226.0	237.0	252.0	554.0	4,130.0
	Double or triple major	9.0	2.5	1.0	4.5	382.0
Masters	All	235.0	239.5	253.0	558.5	4,512.0
	Degrees awarded with a:					
	Single major	29.0	13.0	15.0	68.0	1,182.0
	Double or triple major		1.0		1.0	1.0
Specialist	All	29.0	14.0	15.0	69.0	1,183.0
	Degrees awarded with a:					
	Single major					36.0
Doctorate	All					36.0
	Degrees awarded with a:					
	Single major	4.0	11.0	9.0	31.0	92.0
	All	4.0	11.0	9.0	31.0	92.0
Total	Degrees awarded with a:					
	Single major	259.0	261.0	276.0	653.0	5,617.0
	Double or triple major	9.0	3.5	1.0	5.5	383.0
	All	268.0	264.5	277.0	658.5	6,000.0

Source: Student Data Course File

Note: Degrees awarded with multiple majors may result in fractional degree totals for some groups.

A degree awarded with a single major contributes 1 degree, a double major contributes 1/2 degree in each major, and a triple major contributes 1/3 degree in each major to the degree totals.

C 3 Degrees Awarded
Environmental Science (Program CIP: 030104)

		Environmental Science			College Total	University Total
		2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Associates	Degrees awarded with a:					
	Single major					177.0
Bachelors	All					177.0
	Degrees awarded with a:					
	Single major				554.0	4,130.0
	Double or triple major				4.5	382.0
Masters	All				558.5	4,512.0
	Degrees awarded with a:					
	Single major	5.0	2.0	3.0	68.0	1,182.0
	Double or triple major				1.0	1.0
Specialist	All	5.0	2.0	3.0	69.0	1,183.0
	Degrees awarded with a:					
	Single major					36.0
	All					36.0
Doctorate	Degrees awarded with a:					
	Single major				31.0	92.0
	All				31.0	92.0
Total	Degrees awarded with a:					
	Single major	5.0	2.0	3.0	653.0	5,617.0
	Double or triple major				5.5	383.0
	All	5.0	2.0	3.0	658.5	6,000.0

Source: Student Data Course File

Note: Degrees awarded with multiple majors may result in fractional degree totals for some groups.

A degree awarded with a single major contributes 1 degree, a double major contributes 1/2 degree in each major, and a triple major contributes 1/3 degree in each major to the degree totals.

Efficiency Data**D 1 Annualized FTE Produced Per Instructional Person-Year
Biological Sciences**

	Biological Sciences			College Total	University Total
	2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Undergraduate	11.7	13.8	13.7	15.3	16.0
Graduate	1.3	1.4	1.4	1.2	2.7
Total	13.0	15.2	15.1	16.5	18.6

**Source: Instruction and Research File and Student Data Course File
Includes Instructional Person-Years from all personnel categories.
Annualized FTE (C 1) produced for each person-year devoted to instruction (B 1 department total).**

**D 2 Degrees Awarded Per FACULTY Instructional Person Year
Biological Sciences (Program CIP: 260101)**

	Biological Sciences			College Total	University Total
	2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Associates	0	0	0	0	0.4
Bachelors	13.0	17.1	15.6	6.8	9.1
Masters	1.6	1.0	0.9	0.8	2.4
Specialist	0	0	0	0	0.1
Doctorate	0.2	0.8	0.6	0.4	0.2
Total	14.8	18.9	17.1	8.0	12.1

Source: Instruction and Research File and Student Data Course File

Includes Instructional Person-Years from Tenured, Tenure-earning and Non-tenure-earning faculty only

Number of Degrees (C 3) produced for each Faculty person-year devoted to instruction (B 1 tenured, tenure-earning and non-tenure-earning faculty).

**D 2 Degrees Awarded Per FACULTY Instructional Person Year
Environmental Science (Program CIP: 030104)**

	Environmental Science			College Total	University Total
	2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Associates	0	0	0	0	0.4
Bachelors	0	0	0	6.8	9.1
Masters	0.3	0.1	0.2	0.8	2.4
Specialist	0	0	0	0	0.1
Doctorate	0	0	0	0.4	0.2
Total	0.3	0.1	0.2	8.0	12.1

Source: Instruction and Research File and Student Data Course File

Includes Instructional Person-Years from Tenured, Tenure-earning and Non-tenure-earning faculty only

Number of Degrees (C 3) produced for each Faculty person-year devoted to instruction (B 1 tenured, tenure-earning and non-tenure-earning faculty).

Effectiveness Data**E 1 Rating of Quality of Instruction (item 20) and Instructor (item 21) from Student Perception of Teaching (SPOT)
Biological Sciences**

Scale 1=Excellent 5=Poor		20. Rate the quality of instruction as it contributed to your learning in the course.				
		Biological Sciences			College Total	University Total
		2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Undergraduate	# Sections	365	361	381	1,216	5,753
	Mean Rating	1.9	1.9	1.9	2.0	1.9
Graduate	# Sections	31	33	26	134	1,162
	Mean Rating	1.7	1.7	1.5	1.6	1.7
Total	# Sections	396	394	407	1,350	6,915
	Mean Rating	1.9	1.9	1.9	2.0	1.8

Source: Student Perception of Teaching Results

Effectiveness Data**E 1 Rating of Quality of Instruction (item 20) and Instructor (item 21) from Student Perception of Teaching (SPOT)
Biological Sciences**

Scale: 1=One of Most Effective 5=One of Least Effective		21. What is your rating of this instructor compared to other instructors you have had?				
		Biological Sciences			College Total	University Total
		2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
Undergraduate	# Sections	365	361	381	1,216	5,753
	Mean Rating	2.1	2.1	2.1	2.2	2.1
Graduate	# Sections	31	33	26	134	1,162
	Mean Rating	1.8	1.8	1.8	1.8	1.9
Total	# Sections	396	394	407	1,350	6,915
	Mean Rating	2.1	2.1	2.1	2.2	2.0

Source: Student Perception of Teaching Results

**E 2 Mean Rating of Satisfaction With Instruction & Advising In Program
Biological Sciences**

			Biological Sciences					College Total	University Total
			2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2008-2009	2008-2009
Undergraduate	Quality of courses in degree program	# Responses	144	129	173	190	201	347	2,211
		Mean	2.8	2.9	3.0	2.8	2.9	3.0	3.0
	Quality of instructors in degree program	# Responses	140	127	170	180	195	338	2,122
		Mean	2.7	2.9	3.0	2.8	2.9	3.0	3.0
	Quality of advising in college advising office	# Responses	113	111	154	171	170	293	1,910
Graduate		Mean	2.3	2.5	2.6	2.4	2.6	2.7	2.8
	Quality of advising by faculty	# Responses	105	103	135	164	144	259	1,718
		Mean	2.4	2.6	2.8	2.6	2.7	2.8	2.9
	Quality of courses in degree program	# Responses	3	3	37	18	10	41	675
		Mean	2.6	3.6	2.8	2.5	3.0	3.3	3.2
	Quality of instructors in degree program	# Responses	3	3	38	18	9	41	663
		Mean	2.6	3.6	3.2	2.9	3.1	3.4	3.3
	Quality of advising in college advising office	# Responses	1	0	20	10	6	19	474
		Mean	2.0		2.5	2.6	2.0	2.7	2.8
	Quality of advising by faculty	# Responses	3	2	32	13	10	36	536
	Mean	2.0	4.0	2.9	2.4	3.1	3.3	3.0	

Scale 1=Poor 4=Excellent

Source: Student Satisfaction Survey

II. Research, Creative & Scholarly Activities

A Assessment Goals and Outcomes for Research (reported separately)

B 1 Faculty Person Years and FTE Devoted to Research

Biological Sciences

				Biological Sciences			College	University	
				2007-2008	2008-2009	2009-2010	Total	Total	
Departmental Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person-Years	4.4	6.4	5.6	20.2	103.9	
			FTE	5.8	8.5	7.5	27.0	138.5	
	Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Person-Years		0.3	0.2	0.8	7.5	
			FTE		0.4	0.3	1.1	10.0	
	Other personnel paid on faculty pay plan	--	Person-Years	0.2			1.3	12.2	
			FTE	0.2			1.7	16.3	
	Total		Person-Years	4.6	6.7	5.9	22.4	123.7	
			FTE	6.1	8.9	7.8	29.8	164.9	
	Sponsored Research	.	--	Person-Years					1.5
				FTE					2.0
Tenured & tenure-earning faculty		Professor, Assoc Professor, Asst Professor	Person-Years	1.9	1.5	1.6	8.2	30.1	
			FTE	2.5	2.0	2.2	10.9	40.1	
Non-tenure-earning faculty		Instructors, Lecturers, Visiting Faculty	Person-Years			0.1	0.1	4.3	
			FTE			0.1	0.1	5.7	
Other personnel paid on faculty pay plan		--	Person-Years	2.8	1.5	1.0	6.7	37.9	
			FTE	3.7	1.9	1.3	8.9	50.5	
Total			Person-Years	4.7	2.9	2.7	14.9	73.7	
			FTE	6.2	3.9	3.6	19.9	98.3	

Source: Instruction and Research File

'Other personnel paid on faculty pay plan' includes Scholar/Scientist/Engineer (all ranks), Research Assoc, Assoc In, Asst In, Postdoctoral Assoc

Includes summer, fall and spring semester data

Person-year= 1 person working full time for one year

1.00 FTE = .75 person-years

**C 1-9 Research/Scholarly Productivity
Biological Sciences**

	Biological Sciences			College Total	University Total
	2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
1. Books (including monographs & compositions)	# 0	1	3	18	124
2. Other peer-reviewed publications	# 37	55	62	293	1,152
3. All other publications	# 25	25	28	66	672
4. Presentations at professional meetings or conferences	# 66	51	61	330	1,311
5. Productions/Performances/Exhibitions	# 0	4	6	23	330
6. Grant Proposals Submitted	# 54	85	85	217	607
Sponsored Research & Program Expenditures					
7. Organized Research	# \$1,702,193	\$1,886,299	\$1,602,029	\$5,694,577	\$18,327,467
8. Sponsored Instruction	# \$162,182	\$142,129	\$340,703	\$970,534	\$4,932,644
9. Other Sponsored Activities	# \$0	\$9,479	\$141,022	\$818,979	\$4,005,602

Sources: College Dean's Office and Division of Research (Grant Proposals Submitted & Sponsored Research & Program Expenditures)

Note: Grant Proposals Submitted includes proposals administered by the Division of Research only. This number does not include funding proposals administered by the FAU Foundation.

University Total Grant Proposals Submitted excludes proposals submitted by units outside the University's Colleges (e.g., IRM, Library).

Sponsored Research and Program Expenditures excludes expenditures by units outside the University's Colleges (e.g., Library, Henderson School).

Organized Research: All research and development activities of an institution that are separately budgeted and accounted for.

Sponsored Instruction: Instructional or training activity established by grant, contract, or cooperative agreement.

Other Sponsored Activities: Programs and projects financed by Federal and non Federal agencies and organizations which involve the performance of work other than instruction and organized research (e.g., health or community service projects).

**D 1-9 Efficiency Data
Biological Sciences**

	Biological Sciences			College Total	University Total
	2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
1. Books (including monographs & compositions) per faculty member	0.0	0.0	0.1	0.2	0.2
2. Other peer-review publications per faculty member	1.6	2.5	3.0	2.5	1.7
3. All other publications per faculty member	1.1	1.1	1.3	0.6	1.0
4. Presentations at professional meetings or conferences per faculty member	2.9	2.3	2.9	2.9	1.9
5. Productions/Performances/Exhibitions per faculty member	0.0	0.2	0.3	0.2	0.5
6. Grant proposals submitted per faculty member	2.3	3.9	4.0	1.9	0.9
Sponsored Research & Program Expenditures					
7. Organized research expenditures per faculty member	\$74,008	\$85,741	\$76,287	\$49,518	\$27,112
8. Sponsored instruction expenditures per faculty member	\$7,051	\$6,460	\$16,224	\$8,439	\$7,297
9. Other sponsored activity expenditures per faculty member	\$0	\$431	\$6,715	\$7,122	\$5,925

Scholarly output(Section II, C 1-9) per tenured and tenure earning faculty member (Section I B 1)

III. Service**A Assessment Goals and Outcomes for Service (reported separately)****B 1-3 Service Productivity****Biological Sciences**

		Biological Sciences			College	University
		2007-2008	2008-2009	2009-2010	Total	Total
1. Faculty memberships on department, college or university committees	#	56	71	75	315	2,507
2. Faculty memberships on community or professional committees	#	46	33	28	116	1,033
3. Faculty serving as editors or referees for professional publications	#	59	66	68	311	1,089

Source: *College Dean's Offices*

**C 1-3 Efficiency Data
Biological Sciences**

	Biological Sciences			College Total	University Total
	2007-2008	2008-2009	2009-2010	2009-2010	2009-2010
1. Faculty memberships on department, college or university committees per faculty member	2.4	3.2	3.6	2.7	3.7
2. Faculty memberships on community or professional committees per faculty member	2.0	1.5	1.3	1.0	1.5
3. Faculty serving as editors or referees for professional publications per faculty member	2.6	3.0	3.2	2.7	1.6

Faculty committee memberships and faculty serving as editors or referees (Section III B 1-3) per tenured and tenure earning faculty member (Section I B 1)