

**2010-2011 Program Review  
Mathematics**

**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  
Mathematics**

			Mathematics			College Total	University Total
			2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Total Headcount	25	27	26	115	660
		Total Person-Years	21.6	22.8	22.6	110.7	587.8
		Person-Years Devoted To Instruction	13.5	15.8	13.8	55.9	325.1
		Total FTE	28.8	30.5	30.1	147.6	783.7
		FTE Devoted to Instruction	18.0	21.1	18.4	74.5	433.5
Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Total Headcount	13	13	13	27	239
		Total Person-Years	10.5	10.3	10.4	24.1	204.2
		Person-Years Devoted To Instruction	9.4	9.8	9.8	20.5	166.9
		Total FTE	14.0	13.8	13.9	32.2	272.3
		FTE Devoted to Instruction	12.5	13.0	13.0	27.3	222.6
Other personnel paid on faculty pay plan	Scholar/ Scientist/ Engineer, Research Assoc, Assoc In, Asst In, Postdoc Assoc	Total Headcount	1			18	101
		Total Person-Years	1.2			15.0	80.8
		Person-Years Devoted To Instruction	1.0			3.5	12.2
		Total FTE	1.5			20.0	107.7
		FTE Devoted to Instruction	1.4			4.6	16.2
Adjuncts	--	Total Headcount	12	4	5	47	656
		Total Person-Years	2.2	1.1	1.0	10.1	124.1
		Person-Years Devoted To Instruction	1.5	0.7	0.5	8.8	119.8
		Total FTE	2.9	1.4	1.4	13.5	165.5
		FTE Devoted to Instruction	2.1	0.9	0.7	11.7	159.7
Graduate Assistants	--	Total Headcount	55	63	62	378	1,228
		Total Person-Years	20.6	22.2	22.4	137.5	361.9
		Person-Years Devoted To Instruction	19.3	21.4	20.8	114.7	226.3
		Total FTE	27.5	29.6	29.9	183.3	482.6
		FTE Devoted to Instruction	25.8	28.6	27.8	152.9	301.8
Other	--	Total Headcount	5	10	7	67	277
		Total Person-Years	0.5	2.6	1.4	21.2	50.5
		Person-Years Devoted To Instruction	0.2	0.8	0.8	7.0	15.9
		Total FTE	0.6	3.5	1.9	28.3	67.4
		FTE Devoted to Instruction	0.3	1.1	1.1	9.3	21.2
Total		Total Headcount	111	117	113	652	3,161
		Total Person-Years	56.5	59.1	57.9	318.7	1,409.3
		Person-Years Devoted To Instruction	45.0	48.5	45.7	210.3	866.2
		Total FTE	75.4	78.8	77.2	424.9	1,879.1
		FTE Devoted to Instruction	60.0	64.7	60.9	280.4	1,154.9

**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  
Mathematics**

Instructional Faculty (Tenured, tenure-earning, & non-tenure-earning)		Mathematics			College Total	University Total
		2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
American Indian/Alaskan Native	Male					1
	Total					1
Asian or Pacific Islander						0
	Female	4	4	4	7	28
	Male	4	5	5	16	79
	Total	8	9	9	23	107
Black (Not of Hispanic Origin)						0
	Female				1	35
	Male	1	1	1	3	18
Hispanic	Total	1	1	1	4	53
					0	0
	Female				3	35
	Male	1	1	1	6	26
	Total	1	1	1	9	61
White (Not of Hispanic Origin)				0	1	4
	Female		1	2	22	302
	Male	23	22	26	88	396
	Total	23	23	28	111	702
Non-Resident Alien	Female	1				
	Male	5	6			
	Total	6	6			
Not Reported		0				
	Total	0				
Total		0		0	1	4
	Female	5	5	6	33	400
	Male	34	35	33	113	520
	Total	39	40	39	147	924

**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  
Mathematics**

Adjuncts		Mathematics			College Total	University Total
		2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Asian or Pacific Islander	Female					9
	Male				2	11
	Total				2	20
Black (Not of Hispanic Origin)	Female				3	27
	Male	1			1	14
	Total	1			4	41
Hispanic	Female	1		1	1	31
	Male					14
	Total	1		1	1	45
White (Not of Hispanic Origin)	Female	1		2	16	280
	Male	6	1	2	24	269
	Total	7	1	4	40	549
Non-Resident Alien	Female	1	1			1
	Male	2	2			
	Total	3	3			1
Total	Female	3	1	3	20	348
	Male	9	3	2	27	308
	Total	12	4	5	47	656

**Source: Instruction and Research File**

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

Course Level	Type			Mathematics			College Total	University Total
				2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Undergraduate	Lecture/Seminar	Sections Offered	#	261	243	252	621	5,265
			# Enrolled	8,774	9,500	10,749	42,289	179,212
			Avg Section Enrollment	<b>33.6</b>	<b>39.1</b>	<b>42.7</b>	<b>68.1</b>	<b>34.0</b>
		Sections Faculty-Taught	#	182	179	174	431	3,272
			%	<b>69.7</b>	<b>73.7</b>	<b>69.0</b>	<b>69.4</b>	<b>62.1</b>
	Lab	Sections Offered	#	49	75	68	635	918
			# Enrolled	661	1,448	1,545	12,563	18,484
			Avg Section Enrollment	<b>13.5</b>	<b>19.3</b>	<b>22.7</b>	<b>19.8</b>	<b>20.1</b>
		Sections Faculty-Taught	#	1	1	4	313	420
			%	<b>2.0</b>	<b>1.3</b>	<b>5.9</b>	<b>49.3</b>	<b>45.8</b>
	Discussion	Sections Offered	#				60	182
			# Enrolled				2,527	5,733
			Avg Section Enrollment				<b>42.1</b>	<b>31.5</b>
		Sections Faculty-Taught	#				14	22
			%				<b>23.3</b>	<b>12.1</b>
Other Course Types	Sections Offered	#	7	10	8	316	1,333	
		# Enrolled	7	11	9	994	9,458	
		Avg Section Enrollment	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>3.1</b>	<b>7.1</b>	
	Sections Faculty-Taught	#	7	10	8	266	942	
		%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>84.2</b>	<b>70.7</b>	
Graduate	Lecture/Seminar	Sections Offered	#	48	42	35	179	1,730
			# Enrolled	390	450	419	1,516	22,742
			Avg Section Enrollment	<b>8.1</b>	<b>10.7</b>	<b>12.0</b>	<b>8.5</b>	<b>13.1</b>
		Sections Faculty-Taught	#	47	41	35	163	1,441
			%	<b>97.9</b>	<b>97.6</b>	<b>100.0</b>	<b>91.1</b>	<b>83.3</b>
	Lab	Sections Offered	#				2	29
			# Enrolled				13	238
			Avg Section Enrollment				<b>6.5</b>	<b>8.2</b>
		Sections Faculty-Taught	#				1	20
			%				<b>50.0</b>	<b>69.0</b>
	Other Course Types	Sections Offered	#	72	75	68	696	1,985
			# Enrolled	107	123	108	1,112	4,022
			Avg Section Enrollment	<b>1.5</b>	<b>1.6</b>	<b>1.6</b>	<b>1.6</b>	<b>2.0</b>
Sections Faculty-Taught		#	72	75	68	630	1,874	
		%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>90.5</b>	<b>94.4</b>	

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)  
Mathematics (Program CIP: 270101)**

	Mathematics			College Total	University Total
	2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Bachelors	94	128	140	4,981	26,663
Masters/Specialist	21	23	26	216	4,486
Doctoral	46	51	51	274	905
Unclassified					4,192
<b>Total</b>	<b>161</b>	<b>202</b>	<b>217</b>	<b>5,471</b>	<b>36,246</b>

**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)**  
**Applied Mathematics & Statistics (Program CIP: 270301)**

	Applied Mathematics & Statistics			College Total	University Total
	2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Bachelors				4,981	26,663
Masters/Specialist	8	6	4	216	4,486
Doctoral				274	905
Unclassified					4,192
<b>Total</b>	<b>8</b>	<b>6</b>	<b>4</b>	<b>5,471</b>	<b>36,246</b>

**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**  
**Mathematics (Program CIP: 270101)**

			Mathematics			College Total	University Total
			2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Undergraduate	American Indian/Alaskan Native	Female			1	16	66
		Male				5	46
		Total			<b>1</b>	<b>21</b>	<b>112</b>
	Asian or Pacific Islander	Female	1	2	5	233	707
		Male	2	3	3	145	606
		Total	<b>3</b>	<b>5</b>	<b>8</b>	<b>378</b>	<b>1,313</b>
	Black (Not of Hispanic Origin)	Female	9	12	17	653	3,228
		Male	10	16	16	280	1,911
		Total	<b>19</b>	<b>28</b>	<b>33</b>	<b>933</b>	<b>5,139</b>
	Hispanic	Female	6	9	14	756	3,386
		Male	7	15	13	360	2,436
		Total	<b>13</b>	<b>24</b>	<b>27</b>	<b>1,116</b>	<b>5,822</b>
	White (Not of Hispanic Origin)	Female	21	26	29	1,517	7,575
		Male	33	41	39	864	5,971
		Total	<b>54</b>	<b>67</b>	<b>68</b>	<b>2,381</b>	<b>13,546</b>
	Non-Resident Alien	Female	2		1	79	298
		Male	2	2	2	41	311
		Total	<b>4</b>	<b>2</b>	<b>3</b>	<b>120</b>	<b>609</b>
	Not Reported	Female	1	1		21	70
		Male		1	0	11	52
Total		<b>1</b>	<b>2</b>	<b>0</b>	<b>32</b>	<b>122</b>	
Total	Female	40	50	67	3,275	15,330	
	Male	54	78	73	1,706	11,333	
	Total	<b>94</b>	<b>128</b>	<b>140</b>	<b>4,981</b>	<b>26,663</b>	
Graduate	American Indian/Alaskan Native	Female				1	8
		Male					9
		Total				<b>1</b>	<b>17</b>
	Asian or Pacific Islander	Female	0		1	12	151
		Male	2	4	4	10	105
		Total	<b>2</b>	<b>4</b>	<b>5</b>	<b>22</b>	<b>256</b>
	Black (Not of Hispanic Origin)	Female	1	1		6	481
		Male	2	3	8	15	177
		Total	<b>3</b>	<b>4</b>	<b>8</b>	<b>21</b>	<b>658</b>
	Hispanic	Female	1	1		24	421
		Male	1	1	2	16	283
		Total	<b>2</b>	<b>2</b>	<b>2</b>	<b>40</b>	<b>704</b>
	White (Not of Hispanic Origin)	Female	8	9	7	164	2,031
		Male	20	21	22	134	1,220
		Total	<b>28</b>	<b>30</b>	<b>29</b>	<b>298</b>	<b>3,251</b>
	Non-Resident Alien	Female	11	9	10	46	178
		Male	21	25	23	61	221
		Total	<b>32</b>	<b>34</b>	<b>33</b>	<b>107</b>	<b>399</b>
	Not Reported	Female				1	63
		Male					43
Total					<b>1</b>	<b>106</b>	
Total	Female	21	20	18	254	3,333	
	Male	46	54	59	236	2,058	
	Total	<b>67</b>	<b>74</b>	<b>77</b>	<b>490</b>	<b>5,391</b>	
Unclassified	American Indian/Alaskan Native	Female					8
		Male					5
		Total					<b>13</b>
	Asian or Pacific Islander	Female					143
		Male					108



		Mathematics			College Total	University Total
		2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
	Total					<b>251</b>
Black (Not of Hispanic Origin)	Female					555
	Male					207
	Total					<b>762</b>
Hispanic	Female					400
	Male					247
	Total					<b>647</b>
White (Not of Hispanic Origin)	Female					1,381
	Male					897
	Total					<b>2,278</b>
Non-Resident Alien	Female					94
	Male					75
	Total					<b>169</b>
Not Reported	Female					39
	Male					33
	Total					<b>72</b>
Total	Female					2,620
	Male					1,572
	Total					<b>4,192</b>

**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  
Applied Mathematics & Statistics (Program CIP: 270301)**

			Applied Mathematics & Statistics			College Total	University Total
			2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Undergraduate	American Indian/Alaskan Native	Female				16	66
		Male				5	46
		<b>Total</b>				<b>21</b>	<b>112</b>
	Asian or Pacific Islander	Female				233	707
		Male				145	606
		<b>Total</b>				<b>378</b>	<b>1,313</b>
	Black (Not of Hispanic Origin)	Female				653	3,228
		Male				280	1,911
		<b>Total</b>				<b>933</b>	<b>5,139</b>
	Hispanic	Female				756	3,386
		Male				360	2,436
		<b>Total</b>				<b>1,116</b>	<b>5,822</b>
	White (Not of Hispanic Origin)	Female				1,517	7,575
		Male				864	5,971
		<b>Total</b>				<b>2,381</b>	<b>13,546</b>
	Non-Resident Alien	Female				79	298
		Male				41	311
		<b>Total</b>				<b>120</b>	<b>609</b>
	Not Reported	Female				21	70
		Male				11	52
<b>Total</b>					<b>32</b>	<b>122</b>	
Total	Female				3,275	15,330	
	Male				1,706	11,333	
	<b>Total</b>				<b>4,981</b>	<b>26,663</b>	
Graduate	American Indian/Alaskan Native	Female				1	8
		Male					9
		<b>Total</b>				<b>1</b>	<b>17</b>
	Asian or Pacific Islander	Female				12	151
		Male			1	10	105
		<b>Total</b>			<b>1</b>	<b>22</b>	<b>256</b>
	Black (Not of Hispanic Origin)	Female				6	481
		Male				15	177
		<b>Total</b>				<b>21</b>	<b>658</b>
	Hispanic	Female				24	421
		Male				16	283
		<b>Total</b>				<b>40</b>	<b>704</b>
	White (Not of Hispanic Origin)	Female	4	4	1	164	2,031
		Male	2		1	134	1,220
		<b>Total</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>298</b>	<b>3,251</b>
	Non-Resident Alien	Female	1	1		46	178
		Male	1	1	1	61	221
		<b>Total</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>107</b>	<b>399</b>
	Not Reported	Female				1	63
		Male					43
<b>Total</b>					<b>1</b>	<b>106</b>	
Total	Female	5	5	1	254	3,333	
	Male	3	1	3	236	2,058	
	<b>Total</b>	<b>8</b>	<b>6</b>	<b>4</b>	<b>490</b>	<b>5,391</b>	
Unclassified	American Indian/Alaskan Native	Female					8
		Male					5
		<b>Total</b>					<b>13</b>
	Asian or Pacific Islander	Female					143
		Male					108

		Applied Mathematics & Statistics			College Total	University Total
		2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
	Total					<b>251</b>
Black (Not of Hispanic Origin)	Female					555
	Male					207
	Total					<b>762</b>
Hispanic	Female					400
	Male					247
	Total					<b>647</b>
White (Not of Hispanic Origin)	Female					1,381
	Male					897
	Total					<b>2,278</b>
Non-Resident Alien	Female					94
	Male					75
	Total					<b>169</b>
Not Reported	Female					39
	Male					33
	Total					<b>72</b>
Total	Female					2,620
	Male					1,572
	Total					<b>4,192</b>

**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  
Mathematics**

	Mathematics			College Total	University Total
	2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Undergraduate Total	675.3	737.6	833.2	3,522.7	14,266.9
Graduate Total	49.5	53.4	50.1	263.4	2,280.3
Grad I	20.7	23.8	18.2	106.5	1,878.6
Grad II	28.8	29.5	31.9	156.9	401.8
Classroom	35.5	40.5	38.6	191.0	2,114.5
Thesis-Dissertation	14.0	12.9	11.6	72.4	165.8
Grand Total	724.8	791.0	883.4	3,786.1	16,547.2

**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  
Mathematics**

Course Level	FTE produced by students who are:	Courses offered by:				
		Mathematics			College of Science	University Total
		2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Lower Division Undergraduate	Majors within the department	10.7	18.4	16.7	176.2	635.3
	Majors outside the department, but within the college	123.9	145.5	176.4	694.0	1,507.6
	Majors outside the college	480.6	507.2	571.5	1,400.1	3,567.8
	<b>Total</b>	<b>615.3</b>	<b>671.1</b>	<b>764.7</b>	<b>2,270.3</b>	<b>5,710.7</b>
Upper Division Undergraduate	Majors within the department	18.7	22.2	21.1	783.5	4,839.6
	Majors outside the department, but within the college	2.6	2.0	2.8	211.3	2,361.8
	Majors outside the college	38.7	42.3	44.6	257.5	1,354.7
	<b>Total</b>	<b>59.9</b>	<b>66.5</b>	<b>68.5</b>	<b>1,252.4</b>	<b>8,556.1</b>
Graduate	Majors within the department	41.5	42.6	40.7	227.1	1,700.0
	Majors outside the department, but within the college	0.3	0.2	0.4	10.8	368.8
	Majors outside the college	7.8	10.6	9.1	25.5	211.6
	<b>Total</b>	<b>49.5</b>	<b>53.4</b>	<b>50.1</b>	<b>263.4</b>	<b>2,280.3</b>
Total	Majors within the department	70.9	83.2	78.5	1,186.8	7,174.9
	Majors outside the department, but within the college	126.8	147.6	179.6	916.1	4,238.2
	Majors outside the college	527.2	560.1	625.3	1,683.1	5,134.1
	<b>Total</b>	<b>724.8</b>	<b>791.0</b>	<b>883.3</b>	<b>3,786.1</b>	<b>16,547.2</b>

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

**C 3 Degrees Awarded  
Mathematics (Program CIP: 270101)**

		Mathematics			College Total	University Total
		2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Associates	Degrees awarded with a:					
	Single major					220.0
Bachelors	All					220.0
	Degrees awarded with a:					
	Single major	24.0	25.0	28.0	635.0	4,225.0
	Double or triple major			1.0	14.5	367.5
Masters	All	24.0	25.0	29.0	649.5	4,592.5
	Degrees awarded with a:					
	Single major	9.0	14.0	9.0	70.0	1,347.0
	Double or triple major	1.0			1.0	1.0
Specialist	All	10.0	14.0	9.0	71.0	1,348.0
	Degrees awarded with a:					
	Single major					27.0
	All					27.0
Doctorate	Degrees awarded with a:					
	Single major	4.0	8.0	6.0	25.0	88.0
	All	4.0	8.0	6.0	25.0	88.0
Total	Degrees awarded with a:					
	Single major	37.0	47.0	43.0	730.0	5,907.0
	Double or triple major	1.0		1.0	15.5	368.5
	All	38.0	47.0	44.0	745.5	6,275.5

**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  
Applied Mathematics & Statistics (Program CIP: 270301)**

		Applied Mathematics & Statistics			College Total	University Total
		2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Associates	Degrees awarded with a:					
	Single major					220.0
Bachelors	All					220.0
	Degrees awarded with a:					
	Single major				635.0	4,225.0
	Double or triple major				14.5	367.5
Masters	All				649.5	4,592.5
	Degrees awarded with a:					
	Single major	2.0	1.0	1.0	70.0	1,347.0
	Double or triple major				1.0	1.0
Specialist	All	2.0	1.0	1.0	71.0	1,348.0
	Degrees awarded with a:					
	Single major					27.0
Doctorate	All					27.0
	Degrees awarded with a:					
	Single major				25.0	88.0
	All				25.0	88.0
Total	Degrees awarded with a:					
	Single major	2.0	1.0	1.0	730.0	5,907.0
	Double or triple major				15.5	368.5
	All	2.0	1.0	1.0	745.5	6,275.5

**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  
Mathematics**

	Mathematics			College Total	University Total
	2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Undergraduate	15.0	15.2	18.2	16.7	16.4
Graduate	1.1	1.1	1.1	1.3	2.6
<b>Total</b>	<b>16.1</b>	<b>16.3</b>	<b>19.3</b>	<b>18.0</b>	<b>19.1</b>

**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  
Mathematics (Program CIP: 270101)**

	Mathematics			College Total	University Total
	2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Associates	0	0	0	0	0.4
Bachelors	1.1	1.0	1.2	8.5	9.3
Masters	0.4	0.5	0.4	0.9	2.7
Specialist	0	0	0	0	0.1
Doctorate	0.2	0.3	0.3	0.3	0.2
<b>Total</b>	<b>1.7</b>	<b>1.8</b>	<b>1.9</b>	<b>9.8</b>	<b>12.8</b>

**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  
Applied Mathematics & Statistics (Program CIP: 270301)**

	Applied Mathematics & Statistics			College Total	University Total
	2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Associates	0	0	0	0	0.4
Bachelors	0	0	0	8.5	9.3
Masters	0.1	0.0	0.0	0.9	2.7
Specialist	0	0	0	0	0.1
Doctorate	0	0	0	0.3	0.2
<b>Total</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>9.8</b>	<b>12.8</b>

**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)  
Mathematics**

Scale 1=Excellent 5=Poor		20. Rate the quality of instruction as it contributed to your learning in the course.				
		Mathematics			College Total	University Total
		2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Undergraduate	# Sections	324	287	291	1,274	5,842
	Mean Rating	<b>2.2</b>	<b>2.3</b>	<b>2.4</b>	<b>2.1</b>	<b>1.9</b>
Graduate	# Sections	42	39	32	140	1,179
	Mean Rating	<b>1.4</b>	<b>1.5</b>	<b>1.4</b>	<b>1.6</b>	<b>1.7</b>
Total	# Sections	366	326	323	1,414	7,021
	Mean Rating	<b>2.1</b>	<b>2.2</b>	<b>2.3</b>	<b>2.0</b>	<b>1.8</b>

**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)  
Mathematics**

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?				
		Mathematics			College Total	University Total
		2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
Undergraduate	# Sections	324	287	291	1,274	5,842
	Mean Rating	<b>2.3</b>	<b>2.4</b>	<b>2.5</b>	<b>2.3</b>	<b>2.0</b>
Graduate	# Sections	42	39	32	140	1,179
	Mean Rating	<b>1.7</b>	<b>1.6</b>	<b>1.5</b>	<b>1.8</b>	<b>1.9</b>
Total	# Sections	366	326	323	1,414	7,021
	Mean Rating	<b>2.3</b>	<b>2.3</b>	<b>2.4</b>	<b>2.2</b>	<b>2.0</b>

**Source: Student Perception of Teaching Results**

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

Student Level			Mathematics			College Total	University Total
			2006-2007	2008-2009	2010-2011	2010-2011	2010-2011
Undergraduate	Quality of courses in degree program	# Responses	6	8	16	347	2,177
		Mean	<b>3.3</b>	<b>3.3</b>	<b>3.2</b>	<b>2.8</b>	<b>3.0</b>
	Quality of instructors in degree program	# Responses	5	8	16	342	2,106
		Mean	<b>3.4</b>	<b>3.2</b>	<b>3.1</b>	<b>2.9</b>	<b>3.0</b>
	Quality of advising in college advising office	# Responses	6	7	13	311	1,928
		Mean	<b>3.0</b>	<b>2.8</b>	<b>2.6</b>	<b>2.4</b>	<b>2.7</b>
Graduate	Quality of advising by faculty	# Responses	5	7	14	281	1,779
		Mean	<b>3.4</b>	<b>2.8</b>	<b>2.6</b>	<b>2.6</b>	<b>2.9</b>
	Quality of courses in degree program	# Responses	24	13		37	592
		Mean	<b>3.4</b>	<b>3.6</b>		<b>3.1</b>	<b>3.1</b>
	Quality of instructors in degree program	# Responses	24	13		37	575
		Mean	<b>3.5</b>	<b>3.6</b>		<b>3.4</b>	<b>3.1</b>
	Quality of advising in college advising office	# Responses	9	4		20	441
		Mean	<b>3.1</b>	<b>3.0</b>		<b>3.0</b>	<b>2.9</b>
	Quality of advising by faculty	# Responses	21	9		35	474
		Mean	<b>3.5</b>	<b>3.5</b>		<b>3.4</b>	<b>3.0</b>

**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

#### Mathematics

				Mathematics			College	University
				2008-2009	2009-2010	2010-2011	Total	Total
Departmental Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person-Years	3.1	3.9	5.2	25.0	109.8
			FTE	4.2	5.2	6.9	33.4	146.3
	Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Person-Years	0.9	0.4	0.2	0.9	6.2
			FTE	1.2	0.5	0.3	1.2	8.3
	Other personnel paid on faculty pay plan	--	Person-Years				2.6	12.8
			FTE				3.5	17.0
	Total		Person-Years	4.0	4.3	5.4	28.5	128.7
			FTE	5.4	5.7	7.2	38.0	171.6
Sponsored Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person-Years	1.3	0.8	0.5	8.1	28.3
			FTE	1.8	1.1	0.7	10.8	37.8
	Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Person-Years				0.1	4.7
			FTE				0.2	6.3
	Other personnel paid on faculty pay plan	--	Person-Years				7.6	36.8
			FTE				10.2	49.1
	Total		Person-Years	1.3	0.8	0.5	15.9	69.9
			FTE	1.8	1.1	0.7	21.1	93.2

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  
Mathematics**

	Mathematics			College Total	University Total
	2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
1. Books (including monographs & compositions)	# 2	2	3	18	133
2. Other peer-reviewed publications	# 70	85	58	240	1,202
3. All other publications	# 7	4	36	74	544
4. Presentations at professional meetings or conferences	# 54	54	67	333	1,433
5. Productions/Performances/Exhibitions	# 0	8	1	8	437
6. Grant Proposals Submitted	# 20	11	9	105	333
Sponsored Research & Program Expenditures					
7. Organized Research	# \$934,318	\$790,459	\$767,881	\$6,160,506	\$15,342,822
8. Sponsored Instruction	# \$75,293	\$81,004	\$18,464	\$1,166,904	\$5,760,158
9. Other Sponsored Activities	# \$0	\$0	\$0	\$1,316,394	\$4,562,633

**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  
Mathematics**

	Mathematics			College Total	University Total
	2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
1. Books (including monographs & compositions) per faculty member	0.1	0.1	0.1	0.2	0.2
2. Other peer-review publications per faculty member	2.8	3.1	2.2	2.1	1.8
3. All other publications per faculty member	0.3	0.1	1.4	0.6	0.8
4. Presentations at professional meetings or conferences per faculty member	2.2	2.0	2.6	2.9	2.2
5. Productions/Performances/Exhibitions per faculty member	0.0	0.3	0.0	0.1	0.7
6. Grant proposals submitted per faculty member	0.8	0.4	0.3	0.9	0.5
Sponsored Research & Program Expenditures					
7. Organized research expenditures per faculty member	\$37,373	\$29,276	\$29,534	\$53,570	\$23,247
8. Sponsored instruction expenditures per faculty member	\$3,012	\$3,000	\$710	\$10,147	\$8,728
9. Other sponsored activity expenditures per faculty member	\$0	\$0	\$0	\$11,447	\$6,913

**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****Mathematics**

		Mathematics			College	University
		2008-2009	2009-2010	2010-2011	Total 2010-2011	Total 2010-2011
1. Faculty memberships on department, college or university committees	#	60	54	66	277	2,822
2. Faculty memberships on community or professional committees	#	17	17	18	130	1,255
3. Faculty serving as editors or referees for professional publications	#	71	129	147	347	1,284

**Source:** *College Dean's Offices*

**C 1-3 Efficiency Data  
Mathematics**

	Mathematics			College Total	University Total
	2008-2009	2009-2010	2010-2011	2010-2011	2010-2011
1. Faculty memberships on department, college or university committees per faculty member	2.4	2.0	2.5	2.4	4.3
2. Faculty memberships on community or professional committees per faculty member	0.7	0.6	0.7	1.1	1.9
3. Faculty serving as editors or referees for professional publications per faculty member	2.8	4.8	5.7	3.0	1.9

***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)***