

**2012-2013 Program Review**  
**Chemistry**

**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  
 Chemistry

			Chemistry			College Total	University Total
			2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
<b>Tenured &amp; tenure- earning faculty</b>	<b>Professor, Assoc Professor, Asst Professor</b>	<b>Total Headcount</b>	12	12	11	107	636
		<b>Total Person- Years</b>	9.2	10.9	9.7	100.0	542.0
		<b>Person- Years Devoted To Instruction</b>	5.0	5.9	5.4	54.4	308.0
		<b>Total FTE</b>	12.2	14.5	12.9	133.4	722.7
		<b>FTE Devoted to Instruction</b>	6.6	7.8	7.2	72.6	410.6
<b>Non- tenure- earning faculty</b>	<b>Instructors, Lecturers, Visiting Faculty</b>	<b>Total Headcount</b>	3	4	3	32	221
		<b>Total Person- Years</b>	3.2	3.2	2.8	26.6	180.7
		<b>Person- Years Devoted To Instruction</b>	3.0	2.9	2.7	22.8	149.5
		<b>Total FTE</b>	4.3	4.3	3.8	35.4	240.9

			Chemistry			College Total	University Total
			2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
Other personnel paid on faculty pay plan	Scholar/ Scientist/ Engineer, Research Assoc, Assoc In, Asst In, Postdoc Assoc	FTE Devoted to Instruction	4.0	3.9	3.6	30.4	199.3
		Total Headcount	4	3	2	16	100
		Total Person- Years	4.1	2.3	1.9	13.4	81.3
		Person- Years Devoted To Instruction	1.8	1.5	1.2	3.7	13.8
		Total FTE	5.5	3.0	2.6	17.9	108.5
		FTE Devoted to Instruction	2.4	1.9	1.6	5.0	18.4
		Adjuncts	--	Total Headcount	5	4	4
Total Person- Years	2.3			2.7	2.0	8.1	107.3
Person- Years Devoted To Instruction	2.3			2.7	2.0	7.2	104.4
Total FTE	3.1			3.6	2.6	10.7	143.0
FTE Devoted to Instruction	3.1			3.6	2.6	9.6	139.2
Graduate Assistants	--	Total Headcount	50	52	47	375	1,173
		Total Person- Years	19.2	20.5	15.9	132.1	325.2

		Chemistry			College Total	University Total	
		2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013	
Other	--	Person- Years Devoted To Instruction	13.0	14.3	13.1	110.6	212.4
		Total FTE	25.6	27.3	21.2	176.2	433.6
		FTE Devoted to Instruction	17.4	19.0	17.4	147.5	283.2
		Total Headcount	15	7	7	50	241
		Total Person- Years	2.6	2.2	3.3	14.2	39.8
		Person- Years Devoted To Instruction	1.2	0.5	0.2	4.8	11.8
		Total FTE	3.5	3.0	4.4	18.9	53.1
		FTE Devoted to Instruction	1.6	0.7	0.2	6.4	15.7
		Total Headcount	89	82	74	612	2,968
		Total Person- Years	40.6	41.8	35.6	294.4	1,276.4
Total		Person- Years Devoted To Instruction	26.3	27.8	24.4	203.6	799.9
		Total FTE	54.1	55.8	47.5	392.5	1,701.8
		FTE Devoted to Instruction	35.0	37.1	32.6	271.4	1,066.5

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

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B 2 Instructional Faculty and Adjuncts By Gender and Ethnicity  
Chemistry

Instructional Faculty (Tenured, tenure-earning, & non-tenure-earning)		Chemistry			College Total	University Total
		2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
American Indian/Alaskan Native	Male					1
	Total					1
Asian or Pacific Islander					1	1
	Female				7	28
	Male	3	3	2	15	78
	Total	3	3	2	23	107
Black (Not of Hispanic Origin)						1
	Female				1	30
	Male				3	18
	Total				4	49
Hispanic					1	1
	Female				3	34
	Male	2	2	2	4	23

Instructional Faculty (Tenured, tenure-earning, & non-tenure-earning)		Chemistry			College Total	University Total
		2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
	<b>Total</b>	2	2	2	8	58
<b>White (Not of Hispanic Origin)</b>			0		0	3
	<b>Female</b>	4	3	2	23	276
	<b>Male</b>	9	10	10	86	382
	<b>Total</b>	13	13	12	109	661
<b>Total</b>			0		2	6
	<b>Female</b>	4	3	2	34	368
	<b>Male</b>	14	15	14	108	502
	<b>Total</b>	18	18	16	144	876

Source: Instruction and Research File

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

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B 2 Instructional Faculty and Adjuncts By Gender and Ethnicity  
Chemistry

Adjuncts		Chemistry			College Total	University Total
		2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
<b>American Indian/Alaskan Native</b>	<b>Female</b>					1
	<b>Total</b>					1
<b>Asian or Pacific Islander</b>	<b>Female</b>				1	11
	<b>Male</b>	1			1	11
	<b>Total</b>	1			2	22
	<b>Female</b>			1	3	33

Adjuncts		Chemistry			College Total	University Total
		2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
Black (Not of Hispanic Origin)	Male	1	1			14
	Total	1	1	1	3	47
Hispanic	Female					10
	Male					10
	Total					20
White (Not of Hispanic Origin)	Female	2	3	3	14	288
	Male	1			13	219
	Total	3	3	3	27	507
Total	Female	2	3	4	18	343
	Male	3	1		14	254
	Total	5	4	4	32	597

### B 3 Average Course Section Size and Percent of Sections Taught By Faculty Chemistry

		Chemistry			College Total	University Total
		2010 - 2011	2011 - 2012	2012 - 2013	2012- 2013	2012- 2013
Lab	Offered					
	# Enrolled	5,319	5,490	5,797	47,552	192,004
	Avg Section Enrollment	126.6	122.0	126.0	68.7	37.3
	Sections Faculty	41	45	46	475	3,487
	% - Taught	97.6	100.0	100.0	68.6	67.7
	Sections Offered					
	# Enrolled	136	151	147	633	931
	Avg Section Enrollment	22.0	20.7	22.4	19.7	20.3
	Sections Faculty	136	145	147	345	502
	% - Taught	100.0	96.0	100.0	54.5	53.9
Discussion						
	Sections Offered					
	#	8	9	9	125	258

			Chemistry			College Total	University Total
			2010 - 2011	2011 - 2012	2012 - 2013	2012- 2013	2012- 2013
Graduate	Other Course Types	# Enrolled	700	860	981	3,989	7,208
		Avg Section Enrollment			109.		
			87.5	95.6	0	31.9	27.9
		Sections Faculty - Taught	8	6	0	78	211
			100.				
		Sections Offered	0	66.7	0.0	62.4	81.8
		# Enrolled	52	67	35	322	1,380
Graduate	Lecture/Seminar	Avg Section Enrollment					
			1.4	1.2	1.4	3.0	6.4
		Sections Faculty - Taught	52	67	35	304	1,073
			100.	100.	100.		
		Sections Offered	0	0	0	94.4	77.8
		# Enrolled	11	12	11	167	1,575
		# Enrolled	81	89	64	1,386	22,406



		Chemistry			College Total	University Total
		2010 - 2011	2011 - 2012	2012 - 2013	2012- 2013	2012- 2013
Lab	Avg Section Enrollment	7.4	7.4	5.8	8.3	14.2
	Section #	11	11	11	158	1,318
	% Faculty - Taught	100. 0	91.7	100. 0	94.6	83.7
	Section # Offered				1	42
	# Enrolled				20	465
	Avg Section Enrollment				20.0	11.1
	Section #				1	26
	% Faculty - Taught				100.0	61.9
	Section # Offered					
	# Enrolled					
Other Course Types	Avg Section	1.9	1.9	1.8	1.4	2.5
	Section #	54	60	54	756	1,951
	# Enrolled	105	113	96	1,080	4,840

	Chemistry			College Total	University Total
	2010-2011	2011-2012	2012-2013	2012-2013	2012-2013
Enrollment	53	60	54	703	1,831
Sections					
Faculty		100.0	100.0		
- Taught	98.1	0	0	93.0	93.8

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'

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B 4 a Majors Enrolled By Level (Annual Headcount)  
Chemistry (Program CIP: 400501)

	Chemistry		College Total	University Total
	2011-2012	2012-2013	2012-2013	2012-2013
<b>Professional</b>				124
<b>Bachelors</b>	342	342	5,617	28,523
<b>Masters/Specialist</b>	10	13	228	4,675
<b>Doctoral</b>	30	23	279	927
<b>Unclassified</b>				2,927
<b>Total</b>	<b>382</b>	<b>378</b>	<b>6,124</b>	<b>37,176</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.

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B 4 b Majors Enrolled (Annual Headcount) By Gender and Ethnicity  
Chemistry (Program CIP: 400501)

			<b>Chemistry</b>		<b>College Total</b>	<b>University Total</b>
			<b>2011- 2012</b>	<b>2012- 2013</b>	<b>2012- 2013</b>	<b>2012-2013</b>
<b>Professional</b>	<b>Asian or Pacific Islander</b>	<b>Female</b>				8
		<b>Male</b>				6
		<b>Total</b>				<b>14</b>
	<b>Black (Not of Hispanic Origin)</b>	<b>Female</b>				1
		<b>Total</b>				<b>1</b>
	<b>Hispanic</b>	<b>Female</b>				14
		<b>Male</b>				3
		<b>Total</b>				<b>17</b>
	<b>White (Not of Hispanic Origin)</b>	<b>Female</b>				41
		<b>Male</b>				47
		<b>Total</b>				<b>88</b>
	<b>Not Reported</b>	<b>Female</b>				2
		<b>Male</b>				2
		<b>Total</b>				<b>4</b>
	<b>Total</b>	<b>Female</b>				66
		<b>Male</b>				58
		<b>Total</b>				<b>124</b>

			Chemistry		College Total	University Total
			2011- 2012	2012- 2013	2012- 2013	2012-2013
Undergraduate	American Indian/Alaskan Native	Female		1	23	96
		Male	1	1	13	77
		Total	1	2	36	173
	Asian or Pacific Islander	Female	18	19	247	776
		Male	15	18	145	664
		Total	33	37	392	1,440
	Black (Not of Hispanic Origin)	Female	34	37	769	3,535
		Male	38	28	334	2,129
		Total	72	65	1,103	5,664
	Hispanic	Female	34	42	952	3,922
		Male	23	28	435	2,855
		Total	57	70	1,387	6,777
	White (Not of Hispanic Origin)	Female	72	72	1,576	7,431
		Male	91	85	956	6,217
		Total	163	157	2,532	13,648
	Non-Resident Alien	Female	8	5	87	318
		Male	6	4	30	294
		Total	14	9	117	612
	Not Reported	Female	0		33	130
		Male	2	2	17	79
		Total	2	2	50	209
	Total	Female	166	176	3,687	16,208
		Male	176	166	1,930	12,315
		Total	342	342	5,617	28,523
Graduate	American Indian/Alaskan Native	Female			2	11
		Male				8
		Total			2	19

		Chemistry		College Total	University Total
		2011- 2012	2012- 2013	2012- 2013	2012-2013
Unclassified	Asian or Pacific Islander	Female	1	14	155
		Male	1	13	119
		Total	1	27	274
	Black (Not of Hispanic Origin)	Female	1	10	624
		Male	1	20	265
		Total	1	30	889
	Hispanic	Female		27	495
		Male	2	25	318
		Total	2	52	813
	White (Not of Hispanic Origin)	Female	14	158	1,926
		Male	4	143	1,233
		Total	18	301	3,159
	Non-Resident Alien	Female	7	38	177
		Male	11	53	200
		Total	18	91	377
	Not Reported	Female		4	41
		Male			30
		Total		4	71
	Total	Female	22	253	3,429
		Male	18	254	2,173
		Total	40	507	5,602
Unclassified	American Indian/Alaskan Native	Female			5
		Male			4
		Total			9
	Asian or Pacific Islander	Female			118
		Male			120
		Total			238

		Chemistry	College Total	University Total
		2011- 2012	2012- 2013	2012-2013
<b>Black (Not of Hispanic Origin)</b>	<b>Female</b>			273
	<b>Male</b>			143
	<b>Total</b>			<b>416</b>
<b>Hispanic</b>	<b>Female</b>			282
	<b>Male</b>			207
	<b>Total</b>			<b>489</b>
<b>White (Not of Hispanic Origin)</b>	<b>Female</b>			854
	<b>Male</b>			748
	<b>Total</b>			<b>1,602</b>
<b>Non-Resident Alien</b>	<b>Female</b>			64
	<b>Male</b>			57
	<b>Total</b>			<b>121</b>
<b>Not Reported</b>	<b>Female</b>			30
	<b>Male</b>			22
	<b>Total</b>			<b>52</b>
<b>Total</b>	<b>Female</b>			1,626
	<b>Male</b>			1,301
	<b>Total</b>			<b>2,927</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.

C 1 Annualized State-Fundable FTE Produced By Level  
Chemistry

	Chemistry			College Total	University Total
	2010- 2011	2011- 2012	2012- 2013	2012-2013	2012-2013
<b>Undergraduate Total</b>	<b>477.8</b>	<b>491.9</b>	<b>513.5</b>	<b>3,948.6</b>	<b>15,335.0</b>
<b>Graduate Total</b>	<b>24.2</b>	<b>23.2</b>	<b>19.2</b>	<b>228.2</b>	<b>2,223.7</b>
<b>Grad I</b>	7.2	6.9	4.8	98.5	1,838.4
<b>Grad II</b>	17.0	16.3	14.4	129.7	385.2
<b>Classroom</b>	17.0	19.0	16.3	183.2	2,085.9
<b>Thesis-Dissertation</b>	7.2	4.2	2.9	45.1	137.7
<b>Grand Total</b>	<b>502.1</b>	<b>515.1</b>	<b>532.7</b>	<b>4,176.9</b>	<b>17,558.6</b>

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.

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C 2 Annualized State-Fundable FTE Produced In/Out Of Department or College  
Chemistry

		Courses offered by:				
		Chemistry			College of Science	University Total
		2010-2011	2011-2012	2012-2013	2012-2013	2012-2013
<b>Course Level</b>	<b>FTE produced by students who are:</b>					
<b>Lower Division Undergraduate</b>	<b>Majors within the department</b>	21.3	23.9	24.3	202.4	729.1
	<b>Majors outside the department, but within the college</b>	225.7	260.7	278.5	839.9	1,743.9
	<b>Majors outside the college</b>	131.9	116.9	124.5	1,606.2	4,111.2
	<b>Total</b>	<b>378.9</b>	<b>401.4</b>	<b>427.3</b>	<b>2,648.5</b>	<b>6,584.2</b>
<b>Upper Division Undergraduate</b>	<b>FTE produced by students who are:</b>					
	<b>Majors within the department</b>	38.6	34.3	32.4	785.7	5,103.4
	<b>Majors outside the department, but within the college</b>	53.2	47.7	45.3	268.5	2,343.8
	<b>Majors outside the college</b>	7.1	8.5	8.5	246.0	1,303.6
	<b>Total</b>	<b>98.9</b>	<b>90.5</b>	<b>86.3</b>	<b>1,300.2</b>	<b>8,750.8</b>
<b>Graduate</b>	<b>FTE produced by students who are:</b>					
	<b>Majors within the department</b>	21.7	21.8	16.4	188.3	1,730.7
	<b>Majors outside the department, but within the college</b>	1.3	0.9	1.6	17.0	348.5
	<b>Majors outside the college</b>	1.2	0.5	1.2	22.9	144.4
	<b>Total</b>	<b>24.2</b>	<b>23.2</b>	<b>19.2</b>	<b>228.2</b>	<b>2,223.7</b>



		Courses offered by:				
		Chemistry			College of Science	University Total
		2010-2011	2011-2012	2012-2013	2012-2013	2012-2013
<b>Total</b>	<b>FTE produced by students who are:</b>					
	<b>Majors within the department</b>	81.6	80.1	73.1	1,176.3	7,563.2
	<b>Majors outside the department, but within the college</b>	280.2	309.3	325.4	1,125.4	4,436.2
	<b>Majors outside the college</b>	140.2	125.8	134.2	1,875.1	5,559.3
	<b>Total</b>	<b>502.1</b>	<b>515.1</b>	<b>532.7</b>	<b>4,176.9</b>	<b>17,558.6</b>

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

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C 3 Degrees Awarded  
Chemistry (Program CIP: 400501)

		Chemistry			College Total	University Total
		2010-2011	2011-2012	2012-2013	2012-2013	2012-2013
	<b>Degrees awarded with a:</b>					
<b>Associates</b>	<b>Single major</b>					297.0
	<b>All</b>					297.0
<b>Bachelors</b>	<b>Degrees awarded with a:</b>	41.0	43.0	31.0	707.0	4,861.0

		Chemistry			College Total	University Total
		2010- 2011	2011- 2012	2012- 2013	2012-2013	2012-2013
Masters	Single major					
	Double or triple major	2.0	0.5		10.5	263.0
	All	43.0	43.5	31.0	717.5	5,124.0
	Degrees awarded with a:					
	Single major	1.0		5.0	92.0	1,413.0
	Double or triple major	1.0			1.0	2.0
	All	2.0		5.0	93.0	1,415.0
	Degrees awarded with a:					
	Single major					25.0
	All					25.0
Doctorate	Degrees awarded with a:					
	Single major	3.0	6.0	2.0	35.0	103.0
	All	3.0	6.0	2.0	35.0	103.0
Total	Degrees awarded with a:					
	Single major	45.0	49.0	38.0	834.0	6,699.0
	Double or triple major	3.0	0.5		11.5	265.0
	All	48.0	49.5	38.0	845.5	6,964.0

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.

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**Efficiency Data**

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D 1 Annualized FTE Produced Per Instructional Person-Year  
Chemistry

	<b>Chemistry</b>			<b>College Total</b>	<b>University Total</b>
	<b>2010-2011</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2012-2013</b>	<b>2012-2013</b>
<b>Undergraduate</b>	18.2	17.7	21.0	19.4	19.1
<b>Graduate</b>	0.9	0.8	0.8	1.1	2.8
<b>Total</b>	<b>19.1</b>	<b>18.5</b>	<b>21.8</b>	<b>20.5</b>	<b>21.9</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).

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D 2 Degrees Awarded Per FACULTY Instructional Person Year  
Chemistry (Program CIP: 400501)

	<b>Chemistry</b>			<b>College Total</b>	<b>University Total</b>
	<b>2010-2011</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2012-2013</b>	<b>2012-2013</b>
<b>Associates</b>	0	0	0	0	0.6
<b>Bachelors</b>	5.4	4.9	3.8	9.3	11.2
<b>Masters</b>	0.3	0	0.6	1.2	3.1
<b>Specialist</b>	0	0	0	0	0.1
<b>Doctorate</b>	0.4	0.7	0.2	0.5	0.2
<b>Total</b>	<b>6.0</b>	<b>5.6</b>	<b>4.7</b>	<b>11.0</b>	<b>15.2</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)

Chemistry

### 20. Rate the quality of instruction as it contributed to your learning in the course.

Scale 1=Excellent 5=Poor		Chemistry			College Total	University Total
		2010-2011	2011-2012	2012-2013	2012-2013	2012-2013
<b>Undergraduate</b>	<b># Sections</b>	188	214	231	1,510	5,771
	<b>Mean Rating</b>	<b>2.3</b>	<b>2.4</b>	<b>2.1</b>	<b>2.0</b>	<b>1.9</b>
<b>Graduate</b>	<b># Sections</b>	8	8	4	130	1,016
	<b>Mean Rating</b>	<b>1.8</b>	<b>1.9</b>	<b>2.2</b>	<b>1.7</b>	<b>1.7</b>
<b>Total</b>	<b># Sections</b>	196	222	235	1,640	6,787
	<b>Mean Rating</b>	<b>2.3</b>	<b>2.4</b>	<b>2.1</b>	<b>2.0</b>	<b>1.8</b>

Source: Student Perception of Teaching Results

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**Effectiveness Data**


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E 1 Rating of Quality of Instruction (item 20) and Instructor (item 21) from Student Perception of Teaching (SPOT)

Chemistry

		<b>21. What is your rating of this instructor compared to other instructors you have had?</b>				
<b>Scale: 1=One of Most Effective 5=One of Least Effective</b>		<b>Chemistry</b>			<b>College Total</b>	<b>University Total</b>
		<b>2010- 2011</b>	<b>2011- 2012</b>	<b>2012- 2013</b>	<b>2012-2013</b>	<b>2012-2013</b>
<b>Undergraduate</b>	<b># Sections</b>	188	214	231	1,510	5,771
	<b>Mean Rating</b>	<b>2.4</b>	<b>2.5</b>	<b>2.2</b>	<b>2.2</b>	<b>2.0</b>
<b>Graduate</b>	<b># Sections</b>	8	8	4	130	1,016
	<b>Mean Rating</b>	<b>1.8</b>	<b>2.3</b>	<b>2.5</b>	<b>1.9</b>	<b>1.9</b>
<b>Total</b>	<b># Sections</b>	196	222	235	1,640	6,787
	<b>Mean Rating</b>	<b>2.4</b>	<b>2.5</b>	<b>2.2</b>	<b>2.1</b>	<b>2.0</b>

Source: Student Perception of Teaching Results

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

Chemistry

			Chemistry							College Total	University Total
			200 0- 200 1	200 2- 200 3	200 4- 200 5	200 6- 200 7	200 8- 200 9	201 0- 201 1	201 2- 201 3	2012- 2013	2012- 2013
Student Level											
Undergraduate	Quality of courses in degree program	# Responses	13	15	13	28	25	13	11	356	2,211
		Mean	2.9	3.0	3.1	3.0	2.9	2.3	3.3	3.0	3.0
	Quality of instructors in degree program	# Responses	12	16	12	26	25	13	11	333	2,137
		Mean	2.6	3.2	2.5	2.9	2.8	2.7	3.2	2.9	3.0
	Quality of advising in college advising office	# Responses	10	14	9	24	21	12	7	310	1,933
		Mean	2.5	2.6	3.2	2.5	2.7	2.5	3.4	2.8	2.8
	Quality of advising by faculty	# Responses	11	17	10	23	18	12	7	257	1,808
		Mean	2.3	2.9	3.0	2.8	3.0	3.0	3.1	2.8	2.9

			Chemistry							College Total	University Total
			200 0- 200 1	200 2- 200 3	200 4- 200 5	200 6- 200 7	200 8- 200 9	201 0- 201 1	201 2- 201 3	2012- 2013	2012- 2013
Graduate	Quality of courses in degree program	# Respon ses	1							13	476
		Mean	2.0							3.3	3.1
	Quality of instruct ors in degree program	# Respon ses	1							14	461
		Mean	3.0							3.4	3.2
	Quality of advising in college advising office	# Respon ses	1							7	308
		Mean	2.0							2.8	3.0
	Quality of advising by faculty	# Respon ses	1							12	358
		Mean	3.0							3.1	3.1

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

Chemistry

				Chemistry			Colleg e Total	Universit y Total
				2010 -	2011 -	2012 -	2012- 2013	2012-2013
				2011	2012	2013		
Departmental Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person -Years	2.0	2.5	2.3	20.0	92.7
			FTE	2.7	3.3	3.1	26.7	123.6
	Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Person -Years	0.0	0.0	0.1	1.4	4.1
			FTE	0.0	0.0	0.1	1.8	5.5
	Other personnel paid on faculty pay plan	--	Person -Years	0.5	0.2	0.2	1.6	15.9
			FTE	0.6	0.3	0.3	2.1	21.2
	Total		Person -Years	2.5	2.8	2.6	22.9	112.8
			FTE	3.4	3.7	3.5	30.6	150.4
Sponsored Research	Tenured & tenure-earning faculty	Professor, Assoc Professor, Asst Professor	Person -Years	0.8	1.1	0.7	6.4	24.9
			FTE	1.1	1.5	0.9	8.5	33.2
	Non-tenure-earning faculty	Instructors, Lecturers, Visiting Faculty	Person -Years				0.3	3.7
			FTE				0.4	4.9



			Chemistry			College Total	University Total
			2010-2011	2011-2012	2012-2013	2012-2013	2012-2013
Other personnel paid on faculty pay plan	--	Person-Years	1.1	0.2	0.0	7.3	38.2
		FTE	1.4	0.3	0.0	9.8	50.9
Total		Person-Years	1.9	1.3	0.7	14.0	66.8
		FTE	2.6	1.8	0.9	18.7	89.0

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

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C 1-9 Research/Scholarly Productivity  
Chemistry

		Chemistry			College Total	University Total
		2010-2011	2011-2012	2012-2013	2012-2013	2012-2013
1. Books (including monographs & compositions)	#	1	2	2	22	146
2. Other peer-reviewed publications	#	20	19	12	229	1,161
3. All other publications	#	10	9	5	31	501

		Chemistry			College Total	University Total
		2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
<b>4. Presentations at professional meetings or conferences</b>	#	20	12	8	308	1,435
<b>5. Productions/Performances/Exhibitions</b>	#	1	1	1	36	377
<b>6. Grant Proposals Submitted</b>	#	11	12	18	109	385
<b>Sponsored Research &amp; Program Expenditures</b>						
<b>7. Organized Research</b>	#	\$661,650	\$409,498	\$315,272	\$8,625,887	\$15,603,749
<b>8. Sponsored Instruction</b>	#	\$358,409	\$180,504	\$141,055	\$1,242,409	\$6,138,254
<b>9. Other Sponsored Activities</b>	#	\$428,257	\$408,746	\$52,139	\$620,037	\$2,565,166

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 footnote4 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).

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D 1-9 Efficiency Data  
Chemistry

	Chemistry			College Total	University Total
	2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
<b>1. Books (including monographs &amp; compositions) per faculty member</b>	0.1	0.2	0.2	0.2	0.2
<b>2. Other peer-review publications per faculty member</b>	1.7	1.6	1.1	2.1	1.8
<b>3. All other publications per faculty member</b>	0.8	0.8	0.5	0.3	0.8
<b>4. Presentations at professional meetings or conferences per faculty member</b>	1.7	1.0	0.7	2.9	2.3
<b>5. Productions/Performances/Exhibitions per faculty member</b>	0.1	0.1	0.1	0.3	0.6
<b>6. Grant proposals submitted per faculty member</b>	0.9	1.0	1.6	1.0	0.6
<b>Sponsored Research &amp; Program Expenditures</b>					
<b>7. Organized research expenditures per faculty member</b>	\$55,137	\$34,125	\$28,661	\$80,616	\$24,534
<b>8. Sponsored instruction expenditures per faculty member</b>	\$29,867	\$15,042	\$12,823	\$11,611	\$9,651
<b>9. Other sponsored activity expenditures per faculty member</b>	\$35,688	\$34,062	\$4,740	\$5,795	\$4,033

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

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**III. Service**

A Assessment Goals and Outcomes for Service (reported separately)

B 1-3 Service Productivity

Chemistry

		Chemistry			College Total	University Total
		2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
<b>1. Faculty memberships on department, college or university committees</b>	#	16	10	10	273	2,348
<b>2. Faculty memberships on community or professional committees</b>	#	3	2	2	69	972
<b>3. Faculty serving as editors or referees for professional publications</b>	#	10	8	8	96	611

Source: College Dean's Offices

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C 1-3 Efficiency Data

Chemistry

		Chemistry			College Total	University Total
		2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
<b>1. Faculty memberships on department, college or university committees per faculty member</b>		1.3	0.8	0.9	2.6	3.7
<b>2. Faculty memberships on community or professional committees per faculty member</b>		0.3	0.2	0.2	0.6	1.5

	Chemistry			College Total	University Total
	2010- 2011	2011- 2012	2012- 2013	2012- 2013	2012-2013
<b>3. Faculty serving as editors or referees for professional publications per faculty member</b>	0.8	0.7	0.7	0.9	1.0

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)