

# Performance Effectiveness Assessment Tool (PEAT)

Quantitative Analysis - Explanatory Sheet

College of Natural & Behavioral Sciences

## Chemistry

Undergraduate

Criteria	Performance Measure	Performance Year					
		'05-'06	'06-'07	'07-'08	'08-'09	'09-'10	'10-'11
Quality: Faculty Indicators	AY 1. Percentage of sections taught by full-time lecturers and/or tenured/tenure track faculty.	34 / 51 66.7%	39 / 58 67.2%	32 / 57 56.1%	45 / 69 65.2%	54 / 68 79.4%	47 / 69 68.1%
	CY 2. Success rate of tenured/tenure track faculty searches (if applicable). Success rate=number of appointments divided by the number of searches.	1 / 1 100.0%	0 / 1 0.0%	0 / 0 -	1 / 1 100.0%	0 / 0 -	0 / 0 -
	CY 3. Percentage of tenured/tenure track faculty with one or more of the following academic achievement(s) during the past academic year: Research grant proposals submitted, Conference presentations made, Publications to refereed publications, Invited talks, Creative works/activities (e.g. Play productions, art exhibits), Prestigious awards or honors.	2 / 6 33.3%	N/A -	4 / 6 66.7%	9 / 6 150.0%	N/A -	N/A -
	CY 4. Percentage of tenured/tenure track faculty who served on one or more of the following standing committees/ councils or faculty/MPP level search committees during the past academic year: College level, University level, System level	N/A -	10 / 6 166.7%	9 / 6 150.0%	11 / 6 183.3%	N/A -	4 / 7 57.1%
	Fall 5. Comparison of tenured/tenure track faculty headcount to total faculty headcount.	6 / 11 54.5%	6 / 11 54.5%	6 / 15 40.0%	6 / 13 46.2%	7 / 10 70.0%	7 / 10 70.0%
Quality: Student Indicators	Fall 1. First-time Freshmen first year continuation rates (percent that return the following fall).	9 / 11 81.8%	6 / 10 60.0%	8 / 14 57.1%	3 / 5 60.0%	3 / 4 75.0%	NYA
	Fall 2. Transfer Junior first year continuation rates (percent that return the following fall).	3 / 4 75.0%	1 / 2 50.0%	1 / 1 100.0%	4 / 5 80.0%	6 / 6 100.0%	NYA
	Fall 3. Percentage of enrolled students (12 units completed) in the major with GPA >=3.4 (honors level).	4 / 48 8.3%	5 / 45 11.1%	5 / 31 16.1%	4 / 36 11.1%	3 / 40 7.5%	3 / 31 9.7%
	CY 4. First-Time Freshmen Median Elapsed Time-to-Degree (Summer 05 - Spring 10).					10 degrees 5.8 years	
	CY 5. Upper Division Transfer Median Elapsed Time-to-Degree (Summer 05 - Spring 10).					15 degrees 3.5 years	
	CY 6. Mean GWE test scores within department/program.	7.6	7.8	7.4	N/A	8.5	6.0
Centrality/ Complementariness	Fall 1. Proportion of general education or developmental FTES (taught) over departmental FTES.	23 / 112.1 20.5%	22 / 109.7 20.1%	12.4 / 95.9 12.9%	27.6 / 131 21.1%	26.2 / 147.2 17.8%	21.8 / 158.9 13.7%

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Demand	AY 1. FTES taught by the department/program (percent change from the prior year).	109.8	101.5 -7.5%	104.3 2.7%	132.9 27.5%	139.4 4.9%	162.5 16.6%
	Fall 2. Number of students declaring the department/program (percent change from the prior year).	65	58 -10.8%	47 -19.0%	48 2.1%	50 4.2%	42 -16.0%
	Fall 3. FTES taken by students declaring the department/program major (percent change from the prior year).	53.7	48.3 -10.2%	38.7 -19.9%	38.0 -1.7%	38.7 1.8%	35.7 -7.8%
	Fall 4. Mean unit load by the department/program major (percent change from the prior year).	12.4	12.5 0.6%	12.3 -1.1%	11.9 -3.7%	11.6 -2.4%	12.8 10.3%
Uniqueness	1. Number of local public universities offering similar programs. Comparison campuses include: CSULB, CSULA, CSUN, CSUF, UCI, UCLA and Cal Poly Pomona.	7	7	7	7	7	7
	2. Number of local public universities offering similar program features, options, specialties, and/or concentrations.	1	0	1	0	1	1
Vitality: Application Activity	Fall 1. First-time freshman applicant to enrollment yield statistic (percent difference from college yield statistic).	-2.2%	-3.3%	-0.7%	-2.0%	-7.1%	-7.1%
	Fall 2. Upper division applicant to enrollment yield statistic (percent difference from college yield statistic).	-43.4%	-11.1%	-13.8%	3.1%	16.4%	-13.4%
Vitality: Persistence and Tracking Measures	Fall 1. First-time freshmen four year graduation rates (i.e. fall 2002 cohort to summer 2006).	0 / 7 0.0%	1 / 4 25.0%	0 / 8 0.0%	3 / 11 27.3%	1 / 10 10.0%	NYA
	Fall 2. First-time freshmen five year graduation rates (i.e. fall 2001 cohort to summer 2006).	0 / 2 0.0%	2 / 7 28.6%	1 / 4 25.0%	0 / 8 0.0%	5 / 11 45.5%	NYA
	Fall 3. First-time freshmen six year graduation rates (i.e. fall 2000 cohort to summer 2006).	1 / 3 33.3%	0 / 2 0.0%	2 / 7 28.6%	1 / 4 25.0%	3 / 8 37.5%	NYA
	Fall 4. Transfer Junior two year graduation rates (i.e. fall 2004 cohort to summer 2006).	0 / 7 0.0%	0 / 4 0.0%	0 / 2 0.0%	0 / 1 0.0%	1 / 3 33.3%	NYA
	Fall 5. Transfer Junior three year graduation rates (i.e. fall 2003 cohort to summer 2006).	2 / 6 33.3%	0 / 7 0.0%	1 / 4 25.0%	0 / 2 0.0%	0 / 1 0.0%	NYA
	Fall 6. Transfer Junior four year graduation rates (i.e. fall 2002 cohort to summer 2006).	1 / 4 25.0%	2 / 6 33.3%	2 / 7 28.6%	2 / 4 50.0%	0 / 2 0.0%	NYA
	Fall 7. First-time freshmen six year tracking (graduates + enrollees) rate (i.e. fall 2001 cohort to fall 2007).	2 / 2 100.0%	1 / 3 33.3%	0 / 2 0.0%	2 / 7 28.6%	2 / 4 50.0%	5 / 8 62.5%
	Fall 8. Transfer Junior four year tracking (graduates + enrollees) rate (i.e. fall 2002 cohort to fall 2007).	3 / 4 75.0%	1 / 4 25.0%	3 / 6 50.0%	4 / 7 57.1%	2 / 4 50.0%	0 / 2 0.0%

AY = Academic Year, CY = College Year, N/A = Not Available, NYA = Not Yet Available