

# Performance Effectiveness Assessment Tool (PEAT)

Quantitative Analysis - Explanatory Sheet

College of Natural & Behavioral Sciences

## Geology

Undergraduate

| Criteria                         | Performance Measure |  | Performance Year     |                      |                      |                        |                       |                      |
|----------------------------------|---------------------|--|----------------------|----------------------|----------------------|------------------------|-----------------------|----------------------|
|                                  |                     |  | '08-'09              | '09-'10              | '10-'11              | '11-'12                | '12-'13               | '13-'14              |
| Quality: Faculty Indicators      | AY                  | 1. Percentage of sections taught by full-time lecturers and/or tenured/tenure track faculty.   | 19 / 29<br>65.5%     | 23 / 28<br>82.1%     | 19 / 27<br>70.4%     | 11 / 28<br>39.3%       | 11 / 33<br>33.3%      | 12 / 32<br>37.5%     |
|                                  | CY                  | 2. Success rate of tenured/tenure track faculty searches (if applicable). Success rate=number of appointments divided by the number of searches.   | 2 / 2<br>100.0%      | 0 / 0<br>-           | 0 / 0<br>-           | 0 / 0<br>-             | 0 / 0<br>-            | 0 / 0<br>-           |
|                                  | 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. | N/A<br>-             | 4 / 4<br>100.0%      | 5 / 4<br>125.0%      | N/A<br>-               | N/A<br>-              | N/A<br>-             |
|                                  | 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<br>-             | N/A<br>-             | N/A<br>-             | N/A<br>-               | 8 / 4<br>200.0%       | 8 / 4<br>200.0%      |
|                                  | Fall                | 5. Comparison of tenured/tenure track faculty headcount to total faculty headcount.  | 4 / 9<br>44.4%       | 4 / 8<br>50.0%       | 4 / 9<br>44.4%       | 4 / 12<br>33.3%        | 4 / 11<br>36.4%       | 4 / 10<br>40.0%      |
| Quality: Student Indicators      | Fall                | 1. First-time Freshmen first year continuation rates (percent that return the following fall).   | 1 / 1<br>100.0%      | 0 / 2<br>0.0%        | 1 / 1<br>100.0%      | 0 / 0<br>-             | 0 / 0<br>-            | NYA                  |
|                                  | Fall                | 2. Transfer Junior first year continuation rates (percent that return the following fall).   | 2 / 2<br>100.0%      | 1 / 3<br>33.3%       | 3 / 3<br>100.0%      | 5 / 7<br>71.4%         | 2 / 2<br>100.0%       | NYA                  |
|                                  | Fall                | 3. Percentage of enrolled students (12 units completed) in the major with GPA >=3.4 (honors level).  | 1 / 8<br>12.5%       | 2 / 13<br>15.4%      | 4 / 13<br>30.8%      | 4 / 27<br>14.8%        | 3 / 24<br>12.5%       | 0 / 17<br>0.0%       |
|                                  | CY                  | 4. First-Time Freshmen Median Elapsed Time-to-Degree (Summer 08 - Spring 13).  |                      |                      |                      |                        | 1 degrees<br>5 years  |                      |
|                                  | CY                  | 5. Upper Division Transfer Median Elapsed Time-to-Degree (Summer 08 - Spring 13).  |                      |                      |                      |                        | 11 degrees<br>4 years |                      |
|                                  | CY                  | 6. Mean GWE test scores within department/program.   | 6.5                  | 5.5                  | 9.0                  | 8.3                    | 7.0                   | 8.1                  |
| Centrality/<br>Complementariness | Fall                | 1. Proportion of general education or developmental FTES (taught) over departmental FTES.  | 42.8 / 45.2<br>94.7% | 47.9 / 60.6<br>79.0% | 50.3 / 56.2<br>89.5% | 46.73 / 59.33<br>78.8% | 52.7 / 63.7<br>82.7%  | 49.5 / 55.1<br>89.8% |

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|   |                     |   | '08-'09          | '09-'10       | '10-'11       | '11-'12        | '12-'13         | '13-'14        |
| Demand                                      | AY                  | 1. FTES taught by the department/program (percent change from the prior year).  | 48.6             | 57.2          | 65.4          | 60.0           | 60.0            | 56.6           |
|   |                     |   |                  | 17.8%         | 14.4%         | -8.3%          | 0.1%            | -5.8%          |
|   | Fall                | 2. Number of students declaring the department/program (percent change from the prior year).  | 12               | 19            | 15            | 28             | 25              | 19             |
|   |                     |   |                  | 58.3%         | -21.1%        | 86.7%          | -10.7%          | -24.0%         |
|   | Fall                | 3. FTES taken by students declaring the department/program major (percent change from the prior year).  | 9.2              | 13.5          | 12.1          | 22.8           | 21.0            | 14.5           |
|   |                     |   |                  | 46.7%         | -10.4%        | 88.4%          | -7.9%           | -31.0%         |
|   | Fall                | 4. Mean unit load by the department/program major (percent change from the prior year).   | 11.5             | 10.7          | 12.1          | 12.2           | 12.6            | 11.4           |
|   |                     |   |                  | -7.1%         | 13.3%         | 0.8%           | 3.3%            | -9.5%          |
| 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              | 6               | 6              |
|   |                     | 2. Number of local public universities offering similar program features, options, specialties, and/or concentrations.                                  | 0                | 0             | 0             | 0              | 1               | 1              |
| Vitality: Application Activity              | Fall                | 1. First-time freshman applicant to enrollment yield statistic (percent difference from college yield statistic).                                       | 6.1%             | 3.6%          | -0.3%         | -9.2%          | N/A             | -10.3%         |
|   | Fall                | 2. Upper division applicant to enrollment yield statistic (percent difference from college yield statistic).  | -3.6%            | 25.9%         | -10.7%        | 8.9%           | N/A             | 16.8%          |
| Vitality: Persistence and Tracking Measures | Fall                | 1. First-time freshmen four year graduation rates (i.e. fall 2004 cohort to summer 2008).   | 0 / 0<br>-       | 0 / 1<br>0.0% | 0 / 0<br>-    | 0 / 0<br>-     | 0 / 2<br>0.0%   | NYA            |
|   | Fall                | 2. First-time freshmen five year graduation rates (i.e. fall 2003 cohort to summer 2008).   | 0 / 0<br>-       | 0 / 0<br>-    | 0 / 1<br>0.0% | 0 / 0<br>-     | 0 / 1<br>0.0%   | NYA            |
|   | Fall                | 3. First-time freshmen six year graduation rates (i.e. fall 2002 cohort to summer 2008).  | 0 / 0<br>-       | 0 / 0<br>-    | 0 / 0<br>-    | 0 / 0<br>-     | 0 / 0<br>-      | NYA            |
|   | Fall                | 4. Transfer Junior two year graduation rates (i.e. fall 2006 cohort to summer 2008).  | 0 / 1<br>0.0%    | 0 / 0<br>-    | 0 / 3<br>0.0% | 0 / 3<br>0.0%  | 0 / 5<br>0.0%   | NYA            |
|   | Fall                | 5. Transfer Junior three year graduation rates (i.e. fall 2005 cohort to summer 2008).  | 0 / 2<br>0.0%    | 0 / 1<br>0.0% | 0 / 0<br>-    | 1 / 3<br>33.3% | 1 / 3<br>33.3%  | NYA            |
|   | Fall                | 6. Transfer Junior four year graduation rates (i.e. fall 2004 cohort to summer 2008).   | 0 / 2<br>0.0%    | 0 / 2<br>0.0% | 0 / 1<br>0.0% | 0 / 0<br>-     | 2 / 3<br>66.7%  | NYA            |
|   | Fall                | 7. First-time freshmen six year tracking (graduates + enrollees) rate (i.e. fall 2003 cohort to fall 2009).   | 0 / 0<br>-       | 0 / 0<br>-    | 0 / 0<br>-    | 0 / 0<br>-     | N/A<br>-        | 0 / 0<br>-     |
|   | Fall                | 8. Transfer Junior four year tracking (graduates + enrollees) rate (i.e. fall 2004 cohort to fall 2009).  | 0 / 0<br>-       | 0 / 2<br>0.0% | 0 / 2<br>0.0% | 0 / 0<br>-     | 1 / 1<br>100.0% | 2 / 3<br>66.7% |

Report based on State-Support only, AY = Academic Year, CY = College Year, N/A = Not Available, NYA = Not Yet Available