

## UCSB ACADEMIC UNIT PROFILE

### Department of Chemical Engineering

	2011-12	2012-13	2013-14	2014-15	2015-16
<b><u>HEADCOUNT (Majors)</u></b>					
Lower Division	66	60	67	48	70
Upper Division	<u>156</u>	<u>170</u>	<u>162</u>	<u>165</u>	<u>161</u>
<b>TOTAL Undergraduate</b>	<b>222</b>	<b>230</b>	<b>229</b>	<b>213</b>	<b>232</b>
Masters/Unclassified	0	0	0	0	0
PhD	<u>76</u>	<u>77</u>	<u>84</u>	<u>72</u>	<u>72</u>
<b>TOTAL Graduate</b>	<b>76</b>	<b>77</b>	<b>84</b>	<b>72</b>	<b>72</b>
<b>TOTAL Full 3-quarter Average</b>	<b>298</b>	<b>307</b>	<b>313</b>	<b>285</b>	<b>304</b>
<i>Full 3-Quarter Average Pre-Majors</i>	-	-	-	-	-
<b><u>ETHNICITY AND GENDER (Full Three Quarter Average)</u></b>					
<i>Undergraduate</i>					
<b>TOTAL Undergraduates</b>	<b>222</b>	<b>230</b>	<b>229</b>	<b>213</b>	<b>232</b>
% International	5%	5%	5%	6%	7%
% Female	26%	28%	27%	28%	27%
<b>TOTAL Domestic Undergraduates</b>	<b>211</b>	<b>218</b>	<b>217</b>	<b>200</b>	<b>216</b>
% Underrepresented	18%	20%	21%	18%	19%
% Minority	45%	54%	58%	55%	52%
<i>Graduate</i>					
<b>TOTAL Graduates</b>	<b>76</b>	<b>77</b>	<b>84</b>	<b>72</b>	<b>72</b>
% International	23%	21%	17%	14%	21%
% Female	20%	19%	21%	19%	23%
<b>TOTAL Domestic Graduates</b>	<b>59</b>	<b>61</b>	<b>70</b>	<b>62</b>	<b>57</b>
% Underrepresented	11%	11%	9%	8%	9%
% Minority	25%	24%	22%	23%	26%
<b><u>ADMISSIONS</u></b>					
<i>Freshmen Student Admissions</i>					
Admissions	365	369	409	364	351
Enrolled	49	49	57	36	63
<b>% Matriculating (Take Rate)</b>	<b>13%</b>	<b>13%</b>	<b>14%</b>	<b>10%</b>	<b>18%</b>
<i>Advanced Standing (Transfer) Student Admissions</i>					
Admissions	31	55	60	30	31
Enrolled	6	9	18	12	8
<b>% Matriculating (Take Rate)</b>	<b>19%</b>	<b>16%</b>	<b>30%</b>	<b>40%</b>	<b>26%</b>
<i>Graduate Student Admissions</i>					
Applications	329	368	356	291	302
Admissions	63	78	79	55	75
<b>% Admitted</b>	<b>19%</b>	<b>21%</b>	<b>22%</b>	<b>19%</b>	<b>25%</b>
Enrolled	13	15	27	8	15
<b>% Matriculating (Take Rate)</b>	<b>21%</b>	<b>19%</b>	<b>34%</b>	<b>15%</b>	<b>20%</b>

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#### NEW STUDENT ACADEMIC ACHIEVEMENT

##### *Undergraduates*

<b>New Frosh H.S. GPA Average</b>	<b>3.88</b>	<b>4.08</b>	<b>4.15</b>	<b>4.19</b>	<b>4.21</b>
H.S. GPA Interquartile Range	3.68-4.08	4.00-4.25	4.09-4.29	4.08-4.31	4.13-4.33
<b>Transfer College GPA Average</b>	<b>3.32</b>	<b>3.67</b>	<b>3.64</b>	<b>3.67</b>	<b>3.84</b>
GPA Interquartile Range	3.09-3.44	3.60-3.73	3.58-3.72	3.55-3.80	3.72-3.99
<b>SATR-Critical Reading Average</b>	<b>603</b>	<b>634</b>	<b>639</b>	<b>655</b>	<b>667</b>
SATR-Critical Reading Interquartile Range	540-650	560-700	560-720	600-700	630-720
<b>SATR-Math Average</b>	<b>647</b>	<b>712</b>	<b>715</b>	<b>748</b>	<b>728</b>
SATR-Math Interquartile Range	590-700	680-770	660-770	710-790	690-770
<b>SATR-Writing Average</b>	<b>605</b>	<b>654</b>	<b>652</b>	<b>678</b>	<b>674</b>
SATR-Writing Interquartile Range	540-660	610-710	590-720	640-725	640-720
<b>SATR-Total Average</b>	<b>1855</b>	<b>2000</b>	<b>2006</b>	<b>2082</b>	<b>2069</b>
SATR-Total Interquartile Range	1700-2020	1910-2140	1790-2190	1980-2185	1970-2200
<b>ADM Average</b>	<b>6941</b>	<b>7422</b>	<b>7423</b>	<b>7547</b>	<b>7673</b>

##### *Graduate Students*

<b>Undergrad Upper Division GPA Average</b>	<b>3.84</b>	<b>3.80</b>	<b>3.79</b>	<b>3.83</b>	<b>3.74</b>
GPA Interquartile Range	3.78-3.94	3.68-3.93	3.70-3.92	3.72-3.96	3.66-3.89
<b>GRE-Verbal Average</b>	<b>588</b>	<b>573</b>	<b>648</b>	<b>639</b>	<b>613</b>
GRE-Verbal Average Percentile	80%	75%	88%	88%	82%
<b>GRE-Quantitative Average</b>	<b>755</b>	<b>793</b>	<b>792</b>	<b>793</b>	<b>790</b>
GRE-Quantitative Average Percentile	83%	92%	92%	93%	90%
<b>GRE-Analytical Writing Average</b>	<b>4.6</b>	<b>4.5</b>	<b>4.4</b>	<b>4.3</b>	<b>4.3</b>
GRE-Analytical Writing Average Percentile	63%	66%	65%	64%	68%

#### ENROLLED STUDENT ACADEMIC ACHIEVEMENT

##### *Undergraduates*

<b>New Frosh H.S. GPA Average</b>	<b>3.99</b>	<b>4.02</b>	<b>4.06</b>	<b>4.08</b>	<b>4.12</b>
H.S. GPA Interquartile Range	3.81-4.18	3.86-4.20	3.92-4.25	3.96-4.26	4.00-4.28
<b>Transfer College GPA Average</b>	<b>3.52</b>	<b>3.57</b>	<b>3.65</b>	<b>3.66</b>	<b>3.69</b>
GPA Interquartile Range	3.35-3.75	3.42-3.74	3.58-3.73	3.58-3.75	3.58-3.81
<b>SATR-Critical Reading Average</b>	<b>620</b>	<b>624</b>	<b>627</b>	<b>639</b>	<b>645</b>
SATR-Critical Reading Interquartile Range	580-670	570-680	570-690	590-700	590-700
<b>SATR-Math Average</b>	<b>698</b>	<b>708</b>	<b>711</b>	<b>722</b>	<b>729</b>
SATR-Math Interquartile Range	660-750	670-750	670-760	680-770	690-770
<b>SATR-Writing Average</b>	<b>619</b>	<b>628</b>	<b>636</b>	<b>650</b>	<b>663</b>
SATR-Writing Interquartile Range	580-670	580-680	580-695	600-700	610-710
<b>SATR-Total Average</b>	<b>1937</b>	<b>1960</b>	<b>1974</b>	<b>2011</b>	<b>2036</b>
SATR-Total Interquartile Range	1830-2050	1850-2080	1835-2115	1900-2140	1930-2160
<b>ADM Average</b>	<b>7145</b>	<b>7216</b>	<b>7252</b>	<b>7367</b>	<b>7480</b>

##### *Graduate Students*

<b>Undergrad Upper Division GPA Average</b>	<b>3.79</b>	<b>3.80</b>	<b>3.79</b>	<b>3.83</b>	<b>3.81</b>
GPA Interquartile Range	3.74-3.92	3.72-3.94	3.71-3.92	3.75-3.93	3.70-3.92
<b>GRE-Verbal Average</b>	<b>577</b>	<b>578</b>	<b>595</b>	<b>605</b>	<b>611</b>
GRE-Verbal Average Percentile	76%	76%	79%	81%	82%
<b>GRE-Quantitative Average</b>	<b>767</b>	<b>769</b>	<b>775</b>	<b>782</b>	<b>783</b>
GRE-Quantitative Average Percentile	87%	88%	89%	90%	90%
<b>GRE-Analytical Writing Average</b>	<b>4.6</b>	<b>4.5</b>	<b>4.5</b>	<b>4.5</b>	<b>4.4</b>
GRE-Analytical Writing Average Percentile	59%	59%	63%	65%	65%

Note: "--" = Data suppressed due to low cell count

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**ACADEMIC OUTCOME MEASURES**

***UCSB Grade Point Averages of Majors***

Freshmen	3.35	3.26	3.28	3.44	3.45
Undergraduates	3.23	3.28	3.24	3.32	3.37

***Mean GPA in Undergraduate Courses***

Fall Quarter	2.83	2.83	2.96	2.94	3.22
Winter Quarter	2.99	2.99	3.01	3.01	3.07
Spring Quarter	2.97	2.97	3.20	3.23	3.38

***Graduation Rates for Masters Students***

Cohort's Entering Year	2009	2010	2011	2012	2013
Cohort Size	0	0	0	0	0
After 3 years for new Masters	-	-	-	-	-

***Graduation Rates for Ph.D. Students***

Cohort's Entering Year	2004	2005	2006	2007	2008
Cohort Size	6	17	10	22	16
After 8 years for new Doctorates	67%	76%	90%	64%	94%

***Median Time to Degree for Graduates (Elapsed Years)***

Baccalaureates	3.75	3.75	3.75	3.75	3.75
Masters	1.88	3.00	-	3.00	2.25
Doctorates	5.88	5.63	5.75	5.25	5.25

***Median Time to Candidacy (Elapsed Years)***

Doctoral Candidates	2.00	2.00	2.00	3.00	2.00
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***Degrees Conferred***

<b>TOTAL Baccalaureate Degrees</b>	<b>47</b>	<b>63</b>	<b>47</b>	<b>51</b>	<b>54</b>
% International	2%	5%	2%	6%	7%
% Female	21%	24%	36%	25%	22%
<b>Domestic Baccalaureate Degree Recipients</b>	<b>46</b>	<b>60</b>	<b>45</b>	<b>48</b>	<b>50</b>
% Underrepresented	15%	15%	22%	17%	10%
% Minority	28%	42%	44%	56%	56%
<b>TOTAL Masters Degrees</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>
% International	0%	0%	-	0%	0%
% Female	0%	0%	-	0%	33%
<b>Domestic Masters Degree Recipients</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>
% Underrepresented	50%	0%	-	0%	0%
% Minority	100%	0%	-	0%	0%
<b>TOTAL Doctoral Degrees</b>	<b>10</b>	<b>10</b>	<b>23</b>	<b>14</b>	<b>11</b>
% International	30%	40%	26%	29%	0%
% Female	30%	10%	22%	29%	27%
<b>Domestic Doctoral Degree Recipients</b>	<b>7</b>	<b>6</b>	<b>17</b>	<b>10</b>	<b>11</b>
% Underrepresented	0%	0%	6%	20%	9%
% Minority	0%	0%	82%	40%	27%

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***STUDENT CREDIT UNITS BY FACULTY RANK***

***Lower Division Units***

Units from Regular Instruction	90	114	110	104	103
Units from Exceptional Instruction	<u>5</u>	<u>6</u>	<u>3</u>	<u>6</u>	<u>3</u>
<b>TOTAL Lower Division Units</b>	<b>95</b>	<b>120</b>	<b>113</b>	<b>110</b>	<b>106</b>
% Professor	35%	9%	36%	97%	0%
% Associate Professor	33%	28%	1%	0%	41%
% Assistant Professor	3%	33%	63%	3%	59%
% <u>Lecturer w/SOE</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>
<b>% Permanent Faculty</b>	<b>71%</b>	<b>70%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
% Lecturer	30%	30%	0%	0%	0%
% Assoc/Asst	0%	0%	0%	0%	0%
% Other	0%	0%	0%	0%	0%

***Upper Division Units***

Units from Regular Instruction	1,143	1,143	1,118	1,238	1,161
Units from Exceptional Instruction	<u>17</u>	<u>16</u>	<u>21</u>	<u>22</u>	<u>14</u>
<b>TOTAL Upper Division Units</b>	<b>1,160</b>	<b>1,159</b>	<b>1,139</b>	<b>1,260</b>	<b>1,176</b>
% Professor	67%	60%	48%	60%	62%
% Associate Professor	6%	0%	29%	15%	21%
% Assistant Professor	27%	39%	22%	25%	15%
% <u>Lecturer w/SOE</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>
<b>% Permanent Faculty</b>	<b>100%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>98%</b>
% Lecturer	0%	1%	1%	1%	2%
% Assoc/Asst	0%	0%	0%	0%	0%
% Other	0%	0%	0%	0%	0%

***Graduate Units***

Units from Regular Instruction	310	290	356	276	311
Units from Exceptional Instruction	<u>697</u>	<u>745</u>	<u>710</u>	<u>660</u>	<u>601</u>
<b>TOTAL Graduate Units</b>	<b>1,007</b>	<b>1,035</b>	<b>1,067</b>	<b>936</b>	<b>912</b>
% Professor	60%	58%	63%	74%	64%
% Associate Professor	12%	13%	21%	10%	22%
% Assistant Professor	27%	29%	16%	16%	14%
% <u>Lecturer w/SOE</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>
<b>% Permanent Faculty</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
% Lecturer	0%	0%	0%	0%	0%
% Assoc/Asst	0%	0%	0%	0%	0%
% Other	0%	0%	0%	0%	0%

***Total Units from All Class Levels***

Total Units from Regular Instruction	1,542	1,547	1,585	1,617	1,575
Total Units from Exceptional Instruction	<u>719</u>	<u>766</u>	<u>734</u>	<u>689</u>	<u>619</u>
<b>TOTAL Units</b>	<b>2,262</b>	<b>2,313</b>	<b>2,319</b>	<b>2,306</b>	<b>2,194</b>
% Professor	62%	57%	55%	67%	60%
% Associate Professor	10%	7%	24%	12%	22%
% Assistant Professor	26%	34%	21%	20%	17%
% <u>Lecturer w/SOE</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>
<b>% Permanent Faculty</b>	<b>99%</b>	<b>98%</b>	<b>100%</b>	<b>99%</b>	<b>99%</b>
% Lecturer	1%	2%	0%	1%	1%
% Assoc/Asst	0%	0%	0%	0%	0%
% Other	0%	0%	0%	0%	0%

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**STUDENT FTE, ALLOCATED FACULTY FTE, AND STUDENT / FACULTY RATIOS**

***3-Quarter Average Instructional Load (Student FTE) by Course Department***

Lower Division	6	8	8	7	7
Upper Division	<u>77</u>	<u>77</u>	<u>76</u>	<u>84</u>	<u>78</u>
<b>TOTAL Undergraduate</b>	<b>84</b>	<b>85</b>	<b>83</b>	<b>91</b>	<b>85</b>
Graduate	76	77	84	72	72
<b>TOTAL 3-Qtr Average Instructional Load</b>	<b>159</b>	<b>162</b>	<b>168</b>	<b>163</b>	<b>157</b>

***3-Quarter Average Instructional Load (Student FTE) by Home Department of Instructor***

Lower Division	6	8	8	7	8
Upper Division	<u>78</u>	<u>77</u>	<u>76</u>	<u>84</u>	<u>78</u>
<b>TOTAL Undergraduate</b>	<b>84</b>	<b>86</b>	<b>83</b>	<b>91</b>	<b>86</b>
Graduate	76	76	84	72	72
<b>TOTAL 3-Qtr Average Instructional Load</b>	<b>160</b>	<b>161</b>	<b>168</b>	<b>163</b>	<b>158</b>

***Allocated Faculty/Staff FTE***

Permanent Faculty FTE	15.17	15.78	15.42	16.09	14.92
Temporary Faculty FTE	<u>0.18</u>	<u>0.18</u>	<u>0.22</u>	<u>0.22</u>	<u>0.11</u>
<b>Total Allocated Faculty FTE</b>	<b>15.35</b>	<b>15.96</b>	<b>15.64</b>	<b>16.31</b>	<b>15.03</b>
Teaching Assistant FTE	5.17	5.04	5.58	5.58	5.50
Staff FTE	13.17	13.04	12.38	12.37	13.23

***Student /Faculty Ratios***

Course Department / Allocated FTE	10.37	10.15	10.72	10.00	10.47
Home Department / Allocated FTE	10.40	10.10	10.72	10.00	10.52
UG Student (Course Department) /TA Ratio	16.18	16.91	14.96	16.37	15.54

**SPONSORED RESEARCH**

Proposals Submitted by Home Department	130	122	132	107	62
Proposal Dollars	\$74,631,079	\$62,726,159	\$158,310,722	\$77,882,918	\$35,306,094
Proposals Awarded by Home Department	90	87	94	77	39
Award Dollars	\$32,957,726	\$23,712,127	\$35,602,760	\$24,855,455	\$7,055,430
Average Award Dollars per Ladder Faculty	\$1,734,617	\$1,185,606	\$1,873,829	\$1,308,182	\$415,025
Total Research Expenditures	\$4,394,798	\$5,788,357	\$7,123,636	\$5,726,754	\$7,154,733
Instructional Improvement Grants	\$0	\$0	\$0	\$0	\$0
Grants Allocated by the Academic Senate*	\$6,658	\$1,840	\$1,303	\$13,600	\$2,250

\*In 2016, total grants awarded were updated from 2010-11 Academic Year forward. Research grants awarded are now reported to reflect the grant period that awardees can access and use the funds (vs. when grants were awarded). Travel grants are still reported to reflect when the awards are granted.

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***COURSE OFFERINGS, CLASS SIZE, AND TEACHING WORKLOAD***

***Number of Regular Courses Offered***

Lower Division	5	5	4	3	3
Upper Division	<u>24</u>	<u>24</u>	<u>24</u>	<u>27</u>	<u>25</u>
<b>Undergraduate TOTAL</b>	<b>29</b>	<b>29</b>	<b>28</b>	<b>30</b>	<b>28</b>
Graduate	12	11	10	14	14
<b>TOTAL Regular Courses Offered</b>	<b>41</b>	<b>40</b>	<b>38</b>	<b>44</b>	<b>42</b>

***Percent of Regular Courses Taught By Regular Rank Faculty***

*(Course Counts Assigned By Course Department)*

Lower Division	75%	90%	100%	100%	100%
Upper Division	96%	94%	90%	94%	92%
Graduate	100%	100%	100%	93%	100%

***Average Class Size of Regular Courses***

Lower Division	26	34	47	53	62
Upper Division	32	31	30	35	35
Graduate	24	24	25	17	20

***Percent of Regular Courses with Enrollments of 100+***

Lower Division	0%	20%	25%	0%	33%
Upper Division	0%	0%	0%	0%	0%

***Percent of Regular Courses with Enrollment Below the Minimum Policy***

Lower Division	60%	40%	25%	33%	33%
Upper Division	3%	0%	0%	4%	0%
Graduate	8%	0%	0%	7%	7%

***Regular Courses Taught by Regular Rank Faculty Per Filled Faculty FTE***

*(Course Counts Assigned By Home Department of Instructor)*

Undergraduate Courses	2.0	2.1	2.0	2.0	2.0
Graduate Courses	<u>0.9</u>	<u>0.9</u>	<u>0.8</u>	<u>1.0</u>	<u>1.0</u>
<b>TOTAL</b>	<b>2.9</b>	<b>3.0</b>	<b>2.8</b>	<b>3.0</b>	<b>3.0</b>

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**PERSONNEL HEADCOUNT**

**Academic Headcount**

**Ladder Faculty\***

Professor	13	14	13	14	12
Associate	1	1	4	3	3
Assistant	5	5	2	2	2
Lecturer SOE/PSOE	0	0	0	0	0
<b>Total Ladder Faculty</b>	<b>19</b>	<b>20</b>	<b>19</b>	<b>19</b>	<b>17</b>

**Non-Ladder Faculty\*\***

Lecturers	0	0	0	0	0
Acting/Adjunct	0	0	0	0	0
Visiting	0	0	0	0	0
Emeriti	0	0	2	0	2
Other	0	0	0	0	0
<b>Total Non-Ladder Faculty</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>

**Other Academic Headcount\*\***

Post-Doc Fellows	7	15	18	21	18
Professional Researchers	9	6	6	8	7
Research Assistants	25	25	23	36	33
Teaching Associate	0	0	0	0	0
Teaching Assistants	12	13	11	10	12
Tutors/Readers	3	4	3	2	1
Other Academic Staff	0	0	0	0	1
<b>Total Other Academic Headcount</b>	<b>56</b>	<b>63</b>	<b>61</b>	<b>77</b>	<b>72</b>

**TOTAL Academic Headcount**

	<b>75</b>	<b>83</b>	<b>82</b>	<b>96</b>	<b>91</b>
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**Staff Headcount\*\***

Career	16	17	17	15	15
Contract/Casual	4	1	2	5	1
Student Casual	5	7	7	3	3
<b>Total Staff Headcount</b>	<b>25</b>	<b>25</b>	<b>26</b>	<b>23</b>	<b>19</b>

**TOTAL ACAD. & STAFF HDCNT**

	<b>100</b>	<b>108</b>	<b>108</b>	<b>119</b>	<b>110</b>
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\* Ladder Faculty figures represent total academic appointments during the academic year.

\*\*Non-Ladder Faculty, Other Academic Headcount, and Staff Headcount represent figures taken from October Staff Headcount.

**LADDER FACULTY HIRES AND SEPARATIONS**

<b>New Ladder Faculty Hired</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
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**Faculty Separations**

Retirement	0	1	1	0	1
Resignation	0	0	0	1	1
Other (Termination, Death)	0	0	0	1	0
<b>TOTAL Faculty Separations</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>





**UCSB ACADEMIC UNIT PROFILE**

**Department of Chemical Engineering**

	2011-12	2012-13	2013-14	2014-15	2015-16
<b><u>GRADUATE STUDENT SUPPORT</u></b>					
<b>Fellowships &amp; Grants</b>					
University Fellowships & Grants	\$346,942	\$517,561	\$729,675	\$428,110	\$466,680
Federal & Other Gov't Fellowships & Grants	\$444,955	\$496,811	\$455,473	\$351,984	\$376,592
<u>Other Agency Fellowships &amp; Grants</u>	\$0	\$26,207	\$92,796	\$8,750	\$94,928
<b>Total Fellowships &amp; Grants</b>	<b>\$791,897</b>	<b>\$1,040,579</b>	<b>\$1,277,944</b>	<b>\$788,844</b>	<b>\$938,200</b>
<b>Academic Apprentice Salaries</b>					
Teaching-related Salaries	\$182,287	\$204,984	\$182,158	\$225,617	\$228,670
<u>Research Assistant/GSR Salaries</u>	\$1,400,896	\$1,341,673	\$1,552,596	\$1,506,307	\$1,494,724
<b>Total Academic Apprentice Salaries</b>	<b>\$1,583,183</b>	<b>\$1,546,657</b>	<b>\$1,734,754</b>	<b>\$1,731,924</b>	<b>\$1,723,394</b>
<b>Academic Apprentice Tuition &amp; Fee Support</b>					
TA/RA Fee Remission	\$754,634	\$682,370	\$745,174	\$738,231	\$687,077
Research Assistant Tuition Remission	\$75,510	\$140,952	\$266,802	\$100,680	\$166,122
<u>Other Fee Support</u>	\$0	\$0	\$0	\$0	\$0
<b>Total Fee &amp; Tuition Support</b>	<b>\$830,144</b>	<b>\$823,322</b>	<b>\$1,011,976</b>	<b>\$838,911</b>	<b>\$853,199</b>
<b>GSHIP Supplements</b>	<b>\$133,551</b>	<b>\$133,668</b>	<b>\$141,341</b>	<b>\$144,664</b>	<b>\$145,992</b>
<b>Other Financial Aid</b>					
Loans	\$33,762	\$44,643	\$20,287	\$25,500	\$20,281
<u>Work Study</u>	\$50,725	\$61,012	\$33,000	\$20,724	\$29,000
<b>Total Other Financial Aid</b>	<b>\$84,487</b>	<b>\$105,655</b>	<b>\$53,287</b>	<b>\$46,224</b>	<b>\$49,281</b>
<b>TOTAL Financial Support</b>	<b>\$3,423,262</b>	<b>\$3,649,881</b>	<b>\$4,219,302</b>	<b>\$3,550,567</b>	<b>\$3,710,066</b>
Earnings from Other UCSB Employment	\$32,882	\$41,411	\$39,120	\$5,074	\$9,832
<b>TOTAL Grad. Student Earnings &amp; Support</b>	<b>\$3,456,144</b>	<b>\$3,691,292</b>	<b>\$4,258,422</b>	<b>\$3,555,641</b>	<b>\$3,719,898</b>
<b>Average Financial Support Per Graduate Student Receiving Aid</b>					
University Fellowships & Grants	\$5,688	\$7,842	\$10,134	\$7,256	\$7,650
All Fellowships & Grants	\$10,559	\$11,825	\$14,522	\$11,601	\$12,509
Teaching-related Salaries	\$4,340	\$4,456	\$4,443	\$4,512	\$5,082
Research Assistant Salaries	\$20,013	\$19,730	\$19,407	\$22,482	\$20,760
Loans	\$6,752	\$14,881	\$20,287	\$12,750	\$20,281
Total Financial Support	\$43,888	\$45,060	\$45,862	\$47,981	\$49,468
Total Earnings & Financial Support	\$44,310	\$45,572	\$46,287	\$48,049	\$49,599

**UCSB ACADEMIC UNIT PROFILE**

**Department of Chemical Engineering**

	2011-12	2012-13	2013-14	2014-15	2015-16
<b><u>PERMANENT BUDGET</u></b>					
<b><i>Function</i></b>					
Instruction	\$2,879,288	\$3,232,739	\$3,121,399	\$3,343,333	\$3,352,473
Academic Support	\$0	\$0	\$0	\$0	\$0
Research	\$0	\$0	\$0	\$0	\$0
Public Service	\$0	\$0	\$0	\$0	\$0
Student Financial Aid	\$0	\$4,619	\$4,619	\$4,619	\$4,619
<b>TOTAL Budget</b>	<b>\$2,879,288</b>	<b>\$3,237,358</b>	<b>\$3,126,018</b>	<b>\$3,347,952</b>	<b>\$3,357,092</b>
<b><i>Sub-Account</i></b>					
Academic Salaries (Sub 0)	\$2,074,646	\$2,402,453	\$2,318,366	\$2,502,531	\$2,505,188
Staff Salaries (Sub 1)	\$785,247	\$728,047	\$708,830	\$759,559	\$749,143
General Assistance (Sub 2)	\$33,105	\$27,777	\$27,777	\$21,894	\$21,894
Supplies & Expenses (Sub 3)	\$239,003	\$327,175	\$319,139	\$306,440	\$323,339
Equipment & Facilities (Sub 4)	\$1,115	\$1,115	\$1,115	\$0	\$0
Special Items (Sub 5)	\$0	\$0	\$0	\$0	\$0
Employee Benefits (Sub 6)	\$31,308	\$31,308	\$31,308	\$31,308	\$31,308
Special Items (Sub 7)	\$1,905	\$1,905	\$1,905	\$1,905	\$1,905
Unallocated (Sub 8)	\$0	\$4,619	\$4,619	\$4,619	\$4,619
Recharge (Sub 9)	(\$287,041)	(\$287,041)	(\$287,041)	(\$280,304)	(\$280,304)
<b>TOTAL Budget</b>	<b>\$2,879,288</b>	<b>\$3,237,358</b>	<b>\$3,126,018</b>	<b>\$3,347,952</b>	<b>\$3,357,092</b>
<b><i>Fund Source</i></b>					
State General Funds	\$2,879,288	\$3,232,739	\$3,121,399	\$3,343,333	\$3,352,473
Student Fees	\$0	\$0	\$0	\$0	\$0
Indirect Cost Recovery	\$0	\$0	\$0	\$0	\$0
Gifts & Endowments	\$0	\$4,619	\$4,619	\$4,619	\$4,619
Sales & Services	\$0	\$0	\$0	\$0	\$0
Other & Special Funds	\$0	\$0	\$0	\$0	\$0
<b>TOTAL Budget</b>	<b>\$2,879,288</b>	<b>\$3,237,358</b>	<b>\$3,126,018</b>	<b>\$3,347,952</b>	<b>\$3,357,092</b>

**UCSB ACADEMIC UNIT PROFILE**

**Department of Chemical Engineering**

	2011-12	2012-13	2013-14	2014-15	2015-16
<b><i>ANNUAL EXPENDITURES</i></b>					
<b><i>Function</i></b>					
Instruction	\$5,304,763	\$5,761,751	\$5,296,567	\$6,318,111	\$5,416,588
Academic Support	\$0	\$0	\$0	\$0	\$0
Research	\$4,394,798	\$5,788,357	\$7,123,636	\$5,726,754	\$7,154,733
Public Service	\$0	\$0	\$0	\$0	\$0
Student Financial Aid	\$125,405	\$263,120	\$472,012	\$225,110	\$310,180
<b>TOTAL Expenditures</b>	<b>\$9,824,965</b>	<b>\$11,813,228</b>	<b>\$12,892,214</b>	<b>\$12,269,974</b>	<b>\$12,881,501</b>
<b><i>Sub-Account</i></b>					
Academic Salaries (Sub 0)	\$2,414,676	\$2,535,110	\$2,508,857	\$2,640,869	\$2,559,762
Staff Salaries (Sub 1)	\$752,457	\$696,822	\$669,335	\$654,362	\$708,318
General Assistance (Sub 2)	\$2,550,454	\$2,827,034	\$3,111,624	\$3,486,205	\$3,160,120
Supplies & Expenses (Sub 3)	\$1,453,171	\$1,392,991	\$1,599,177	\$1,913,505	\$1,820,643
Equipment & Facilities (Sub 4)	\$500,779	\$304,561	\$224,658	\$629,134	\$1,830,900
Special Items (Sub 5)	\$183,695	\$335,944	\$469,721	\$403,842	\$446,292
Employee Benefits (Sub 6)	\$1,984,432	\$2,119,761	\$2,349,133	\$2,406,966	\$2,258,926
Special Items (Sub 7)	\$289,642	\$455,262	\$510,500	\$362,191	\$445,745
Unallocated (Sub 8)	\$0	\$0	\$0	\$0	\$0
Recharge (Sub 9)	(\$304,342)	\$1,145,743	\$1,449,209	(\$227,100)	(\$349,203)
<b>TOTAL Expenditures</b>	<b>\$9,824,965</b>	<b>\$11,813,228</b>	<b>\$12,892,214</b>	<b>\$12,269,974</b>	<b>\$12,881,501</b>
<b><i>Fund Source</i></b>					
State General Funds	\$4,426,405	\$5,220,889	\$5,219,002	\$6,102,907	\$5,229,381
Student Fees	\$71	\$312	\$8	\$1,784	\$18,631
Indirect Cost Recovery	\$17,038	(\$8,694)	\$52,486	\$77,288	\$379,826
Contracts & Grants	\$4,098,573	\$5,312,233	\$6,532,115	\$5,195,842	\$6,384,453
Gifts & Endowments	\$898,696	\$961,767	\$772,703	\$610,587	\$674,484
Sales & Services	\$157,585	\$177,345	\$275,051	\$278,764	\$171,046
Other & Special Funds	\$226,597	\$149,376	\$40,851	\$2,803	\$23,681
<b>TOTAL Expenditures</b>	<b>\$9,824,965</b>	<b>\$11,813,228</b>	<b>\$12,892,214</b>	<b>\$12,269,974</b>	<b>\$12,881,501</b>

## UCSB ACADEMIC UNIT PROFILE

### Department of Chemical Engineering

(Chemical and Nuclear Engineering Prior to 1995)

#### *Long Term Trends on Instructional Load Enrollment and Other Departmental Data:\**

Year	LD	UD	UG Total	Grad	Total Student FTE	Allocated Faculty FTE**	Student: Faculty Ratio	Allocated TA FTE	UG:TA Ratio	Fall UG Enroll	Fall Course Enroll	Fall Total Campus HC Enroll
<b>1970-71</b>	<b>6</b>	<b>20</b>	<b>26</b>	<b>17</b>	<b>43</b>	<b>9.00</b>	<b>4.78</b>	<b>3.00</b>	<b>8.67</b>	<b>87</b>	<b>-</b>	<b>13,644</b>
1971-72	4	21	25	22	47	9.00	5.22	3.00	8.33	60	-	12,916
1972-73	8	18	26	19	45	8.00	5.63	2.80	9.29	64	-	12,300
1973-74	6	18	24	18	42	8.00	5.25	2.66	9.02	65	-	12,526
1974-75	11	27	38	21	59	10.70	5.51	3.16	12.03	67	-	13,277
<b>1975-76</b>	<b>16</b>	<b>36</b>	<b>52</b>	<b>24</b>	<b>76</b>	<b>11.50</b>	<b>6.61</b>	<b>3.66</b>	<b>14.21</b>	<b>134</b>	<b>265</b>	<b>14,584</b>
1976-77	18	53	71	19	90	13.00	6.92	3.83	18.54	178	337	14,691
1977-78	13	62	75	24	99	14.00	7.07	5.33	14.07	184	398	14,588
1978-79	14	65	79	25	104	14.00	7.43	5.33	14.82	185	384	14,473
1979-80	18	63	81	34	115	14.00	8.21	5.33	15.20	192	384	14,785
<b>1980-81</b>	<b>19</b>	<b>63</b>	<b>82</b>	<b>36</b>	<b>118</b>	<b>14.00</b>	<b>8.43</b>	<b>5.33</b>	<b>15.38</b>	<b>245</b>	<b>398</b>	<b>15,451</b>
1981-82	13	78	91	39	130	14.00	9.29	6.17	14.75	263	506	15,711
1982-83	12	74	86	42	128	14.00	9.14	6.33	13.59	240	508	16,163
1983-84	11	66	77	41	118	15.33	7.70	7.17	10.74	222	490	16,753
1984-85	9	69	78	40	118	16.00	7.38	7.00	11.14	246	490	16,936
<b>1985-86</b>	<b>10</b>	<b>60</b>	<b>70</b>	<b>36</b>	<b>106</b>	<b>18.25</b>	<b>5.81</b>	<b>6.50</b>	<b>10.77</b>	<b>248</b>	<b>446</b>	<b>17,415</b>
1986-87	11	56	67	39	106	18.52	5.72	6.25	10.72	266	416	18,005
1987-88	7	57	64	41	105	20.52	5.12	6.50	9.85	248	405	17,879
1988-89	7	52	59	41	100	19.75	5.06	7.00	8.43	205	364	18,571
1989-90	7	44	51	36	87	19.94	4.36	7.50	6.80	189	342	19,082
<b>1990-91</b>	<b>7</b>	<b>42</b>	<b>49</b>	<b>39</b>	<b>88</b>	<b>21.19</b>	<b>4.15</b>	<b>6.67</b>	<b>7.35</b>	<b>186</b>	<b>347</b>	<b>18,391</b>
1991-92	6	45	51	42	93	18.92	4.92	7.30	6.99	168	433	18,519
1992-93	6	39	45	50	95	17.48	5.43	6.74	6.68	144	447	18,655
1993-94	9	41	50	57	107	19.30	5.54	7.13	7.01	132	469	18,581
1994-95	5	40	45	55	100	15.03	6.65	7.00	6.43	116	376	17,834
<b>1995-96</b>	<b>8</b>	<b>31</b>	<b>39</b>	<b>53</b>	<b>92</b>	<b>14.70</b>	<b>6.26</b>	<b>7.00</b>	<b>5.57</b>	<b>96</b>	<b>341</b>	<b>18,224</b>
1996-97	5	20	25	60	85	14.68	5.79	7.00	3.57	78	326	18,531
1997-98	6	20	25	56	81	15.01	5.41	7.17	3.55	94	323	18,940
1998-99	3	24	26	66	93	14.76	6.29	6.50	4.07	129	410	19,363
1999-00	4	27	32	64	96	14.26	6.74	6.92	4.59	147	435	20,056
<b>2000-01</b>	<b>4</b>	<b>30</b>	<b>35</b>	<b>64</b>	<b>98</b>	<b>15.80</b>	<b>6.22</b>	<b>7.50</b>	<b>4.62</b>	<b>157</b>	<b>452</b>	<b>19,962</b>
2001-02	4	42	46	68	114	16.13	7.06	7.71	5.95	179	520	20,373
2002-03	5	43	48	79	127	17.81	7.13	2.46	19.48	190	588	20,559
2003-04	5	43	48	88	136	16.08	8.45	4.00	12.05	196	630	20,847
2004-05	4	56	60	79	139	15.87	8.75	4.67	12.90	199	669	21,026
<b>2005-06</b>	<b>4</b>	<b>47</b>	<b>51</b>	<b>73</b>	<b>124</b>	<b>16.42</b>	<b>7.56</b>	<b>3.00</b>	<b>17.12</b>	<b>171</b>	<b>567</b>	<b>21,016</b>
2006-07	5	45	50	66	116	16.82	6.91	5.50	9.13	186	553	21,082
2007-08	6	45	51	66	117	16.17	7.23	6.00	8.49	179	612	21,410
2008-09	5	55	60	66	126	17.18	7.33	5.00	12.00	201	671	21,893
2009-10	8	62	70	72	143	16.51	8.63	4.00	17.54	240	778	22,850
<b>2010-11</b>	<b>8</b>	<b>61</b>	<b>69</b>	<b>78</b>	<b>147</b>	<b>14.84</b>	<b>9.93</b>	<b>4.00</b>	<b>17.35</b>	<b>222</b>	<b>743</b>	<b>22,218</b>
2011-12	6	77	84	76	159	15.35	10.37	5.17	16.18	232	853	21,685
2012-13	8	77	85	77	162	15.96	10.15	5.04	16.91	235	916	21,927
2013-14	8	76	83	84	168	15.64	10.72	5.58	14.96	242	955	22,225
2014-15	7	84	91	72	163	16.31	10.00	5.58	16.37	225	907	23,051
<b>2015-16</b>	<b>7</b>	<b>78</b>	<b>85</b>	<b>72</b>	<b>157</b>	<b>15.03</b>	<b>10.47</b>	<b>5.50</b>	<b>15.54</b>	<b>240</b>	<b>939</b>	<b>23,497</b>

\* Three-quarter average data unless otherwise labeled.

\*\* Includes temporary FTE after 1979-80.