

# De Anza College Program Review

# Biology

Dimension	Actual			Projections		
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Enrollment/Grades (Fiscal Year)	5,410	5,154	5,127	5,178	5,230	5,282
WSCH (Fiscal Year)	41,371	38,994	38,774	39,162	39,553	39,949
Productivity (Fiscal Year)	756	714	715			
Retention % (Fiscal Year)	89%	88%	91%	91%	91%	91%
Success % (Fiscal Year)	79%	79%	79%	80%	81%	82%
<b>Classroom Teaching FTEF (Academic Yr)</b>						
Full-time FTEF	10.69	10.17	8.97	Projection Methodology Enrollment and WSCH projections based on 1% annual increases from the last actual year. Retention and Success rate projections are one percentage point increases from the last actual year, unless the last actual year is greater than 90% in which case there is no change.		
PT/Overload FTEF	5.82	6.24	7.55			
Total FTEF	16.50	16.41	16.52			
Percent Full-time	65%	62%	54%			
Reassigned FTEF	0.00	0.00	0.00			
Number of Sections (Fiscal Yr)	212	211	209			
% Not Vocational	87%	88%	87%			
% Transferable	87%	87%	89%			
% Degree Applicable	89%	88%	89%			
% Not Basic Skills	100%	100%	100%			

## Success Rates, Fiscal Year 2007-08

## Definitions

Dimension	Distribution		Non-Success			Percent		
	Count	Col %	Success	success	Withdraw	Percent Success	Non-success	Percent Withdraw
<b>Ethnicity</b>								
Asian	2,149	42	1,761	236	152	82	11	7
Black	197	4	136	31	30	69	16	15
Filipino	425	8	323	67	35	76	16	8
Hispanic	597	12	420	106	71	70	18	12
Native Am	28	1	20	6	2	71	21	7
Pac Islander	34	1	22	6	6	65	18	18
White	1,204	23	972	116	116	81	10	10
Other	153	3	130	10	13	85	7	8
Unrecorded	340	7	261	45	34	77	13	10
<b>Total</b>	<b>5,127</b>	<b>100</b>	<b>4,045</b>	<b>623</b>	<b>459</b>	<b>79</b>	<b>12</b>	<b>9</b>
<b>Gender</b>								
Female	3,190	62	2,561	360	269	80	11	8
Male	1,935	38	1,484	263	188	77	14	10
Unrecorded	2	0	0	0	2	0	0	100
<b>Total</b>	<b>5,127</b>	<b>100</b>	<b>4,045</b>	<b>623</b>	<b>459</b>	<b>79</b>	<b>12</b>	<b>9</b>
<b>Age</b>								
19 or less	1,354	26	1,043	221	90	77	16	7
20 - 24	2,225	43	1,667	314	244	75	14	11
25 - 29	699	14	597	44	58	85	6	8
30 - 34	330	6	278	19	33	84	6	10
35 - 39	197	4	166	16	15	84	8	8
40 - 49	243	5	222	6	15	91	2	6
50 +	78	2	71	3	4	91	4	5
Unrecorded	1	0	1	0	0	100	0	0
<b>Total</b>	<b>5,127</b>	<b>100</b>	<b>4,045</b>	<b>623</b>	<b>459</b>	<b>79</b>	<b>12</b>	<b>9</b>

**Enrollment/Grades:**  
Sum of end-of-term grade count including Ws.

**WSCH:**  
Sum of quarterly End-of-Term Weekly Student Contact Hours.

**Retention %:**  
Number of students receiving a successful or non-successful grade / total number of students receiving a grade.

**Success %:**  
Number of students receiving an A,B,C or CR grade / total number of students receiving a grade.

**FTEF:**  
Sum of teaching load factors for Fall, Winter, and Spring quarters by assignment type, excluding reassignments.

**Productivity:**  
Four-term total WSCH / four-term total FTEF, excluding reassignments.

**Reassigned FTEF:**  
Sum of load in 994, 995, 998, and 999 courses.

## Distribution and Success by Targeted Group

Year/Demographic	Count	Col %	Success	Non- success	Withdraw	Percent			Percent Retained
						Success	Non- success	Withdraw	
<b>Fiscal Year 2007-08</b>									
Targeted	1,219	24	879	204	136	72	17	11	89
Not Targeted	3,908	76	3,166	419	323	81	11	8	92
<b>Total</b>	<b>5,127</b>	<b>100</b>	<b>4,045</b>	<b>623</b>	<b>459</b>	<b>79</b>	<b>12</b>	<b>9</b>	<b>91</b>
<b>Fiscal Year 2006-07</b>									
Targeted	1,248	24	899	145	204	72	12	16	84
Not Targeted	3,906	76	3,157	315	434	81	8	11	89
<b>Total</b>	<b>5,154</b>	<b>100</b>	<b>4,056</b>	<b>460</b>	<b>638</b>	<b>79</b>	<b>9</b>	<b>12</b>	<b>88</b>
<b>Fiscal Year 2005-06</b>									
Targeted	1,289	24	947	163	179	73	13	14	86
Not Targeted	4,121	76	3,319	405	397	81	10	10	90
<b>Total</b>	<b>5,410</b>	<b>100</b>	<b>4,266</b>	<b>568</b>	<b>576</b>	<b>79</b>	<b>10</b>	<b>11</b>	<b>89</b>

Targeted groups = Hispanic, Black, Filipino

## Distribution and Success by Ethnicity

Year/Demographic	Count	Col %	Success	Non- success	Withdraw	Percent			Percent Retained
						Success	Non- success	Withdraw	
<b>Fiscal Year 2007-08</b>									
Asian	2,149	42	1,761	236	152	82	11	7	93
Black	197	4	136	31	30	69	16	15	85
Filipino	425	8	323	67	35	76	16	8	92
Hispanic	597	12	420	106	71	70	18	12	88
Native Am	28	1	20	6	2	71	21	7	93
Pac Islander	34	1	22	6	6	65	18	18	82
White	1,204	23	972	116	116	81	10	10	90
Other	153	3	130	10	13	85	7	8	92
Unrecorded	340	7	261	45	34	77	13	10	90
<b>Total</b>	<b>5,127</b>	<b>100</b>	<b>4,045</b>	<b>623</b>	<b>459</b>	<b>79</b>	<b>12</b>	<b>9</b>	<b>91</b>
<b>Fiscal Year 2006-07</b>									
Asian	2,075	40	1,698	163	214	82	8	10	90
Black	175	3	120	21	34	69	12	19	81
Filipino	524	10	394	62	68	75	12	13	87
Hispanic	549	11	385	62	102	70	11	19	81
Native Am	27	1	19	5	3	70	19	11	89
Pac Islander	50	1	29	9	12	58	18	24	76
White	1,233	24	1,004	90	139	81	7	11	89
Other	142	3	115	10	17	81	7	12	88
Unrecorded	379	7	292	38	49	77	10	13	87
<b>Total</b>	<b>5,154</b>	<b>100</b>	<b>4,056</b>	<b>460</b>	<b>638</b>	<b>79</b>	<b>9</b>	<b>12</b>	<b>88</b>
<b>Fiscal Year 2005-06</b>									
Asian	2,212	41	1,782	226	204	81	10	9	91
Black	192	4	139	25	28	72	13	15	85
Filipino	511	9	393	62	56	77	12	11	89
Hispanic	586	11	415	76	95	71	13	16	84
Native Am	31	1	25	2	4	81	6	13	87
Pac Islander	34	1	24	5	5	71	15	15	85
White	1,260	23	1,027	110	123	82	9	10	90
Other	122	2	96	16	10	79	13	8	92
Unrecorded	462	9	365	46	51	79	10	11	89
<b>Total</b>	<b>5,410</b>	<b>100</b>	<b>4,266</b>	<b>568</b>	<b>576</b>	<b>79</b>	<b>10</b>	<b>11</b>	<b>89</b>