

De Anza College Office of Institutional Research and Planning

To: Anu Khanna, LinC Co-Coordinator and IMPACT-AAPI Instructor

From: Mallory Newell, De Anza Researcher

Date: 9/10/2013

Subject: AAPI Enrollment in Biology and Chemistry

The LinC program requested the data over the past three years on AAPI students who took CHEM50 or BIOL10 and their success rates. They would also like to know, of the students who passed CHEM50, how many enrolled in CHEM1A, BIOL6a or BIOL40A over the three year period and what were their success rates?

Table 1. AAPI Success Rates in CHEM50

			Success		Non Success		Withdraw		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
CHEM D050. Asian	2010-11		222	76%	41	15%	26	9%	289	100%
CHEM D050. Asian	2011-12		206	78%	37	16%	17	6%	260	100%
CHEM D050. Asian	2012-13		210	80%	36	14%	17	6%	263	100%
	Total		638	78%	114	15%	60	7%	812	100%

- AAPI students in CHEM50 had an average success rate of 78% over the three year period.

Table 2. AAPI Success Rates in BIOL10

			Success		Non Success		Withdraw		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
BIOL D010. Asian	2010-11		357	78%	56	12%	46	10%	459	100%
BIOL D010. Asian	2011-12		508	80%	64	10%	61	10%	633	100%
BIOL D010. Asian	2012-13		504	77%	91	14%	62	9%	657	100%
	Total		1369	78%	211	12%	169	10%	1749	100%

- AAPI students in BIOL10 had an average success rate of 78% over the three year period.

Table 3. AAPI Students who were Successful in CHEM50 and Their Success in CHEM1A, BIOL6A or BIOL40A

	Success	Non Success	Withdraw	Total
CHEM050	638			
CHEM050 and CHEM1A	275	55	87	417
CHEM050 and BIO6A	96	78	63	237
CHEM050 and BIO40A	78	17	11	106

- The largest proportion of AAPI students who passed CHEM50 were enrolled and successful in CHEM1A.