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Subject: Biology 11 Student Success Based on Basic Skills History

Student success rates were calculated for students enrolled in Biology 11 in 2009-2010. Successful students received an A, B, C or P while non successful students received a D, F, NP. Students who withdrew received a W.

These results show:

- 75% of students were successful in Biology 11 in 2009-10 while 16% were not successful and 9% withdrew.

In order to determine students' success in Biology 11 based on their basic skills history, students enrolled in Biology 11 in fall 2009 were tracked three years prior to fall 2006.

These results show:

- Students who took a basic skills course prior to enrolling in Biology 11 were just as successful in the course as students who did not take any basic skills course prior to enrolling in the course.
- The two groups of students had similar non success and withdrawal rates as well.

To explore the success rates of students in specific basic skills courses, English as a second language courses (excluding ESL005) as well as students in MATH212, 210, or 114 were identified.

These results show:

- The success rates of students in ESL courses were higher than students that did not take an ESL course, although the number of students who took an ESL course and enrolled in BIO11 in fall 2009 was small (7).
- However, students who took a basic skills course had slightly lower success rates than students who did not take a basic skills MATH course.

De Anza Student Success in BIO11 2009-2010

	Success		Non Success		Withdraw		Total	
	Grades	Row Percent	Grades	Row Percent	Grades	Row Percent	Grades	Row Percent
BIO1011.	455	75%	94	16%	56	9%	605	100%

Success = A, B, C, P, Non Success = D, F, NP, Withdraw = W

De Anza Success in BIO11 Based on Basic Skills History

	Success		Non Success		Withdraw		Total	
	Student Iden	Row Percent						
Basic skills	41	74%	11	17%	6	9%	58	100%
No basic skills course	94	71%	23	17%	16	12%	133	100%

Students enrolled in BIO11 in fall 2009 who were enrolled in any basic skills course anytime in the three previous years.

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
English as a second language	6	90%	1	10%			7	100%
Non ESL	129	70%	33	18%	22	12%	184	100%

Students enrolled in BIO11 in fall 2009 who were enrolled in any basic skills level ESL course anytime in the three previous years.

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
MATH Basic Skills	38	68%	11	20%	6	13%	55	100%
Non Basic Skills MATH	97	71%	23	17%	16	12%	136	100%

Students enrolled in BIO11 in fall 2009 who were enrolled in MATH 212, 210 and/or 114 anytime in the three previous years.