

PROGRAM REVIEW DATA

10/20/15

Foothill College

Biology-FD

Biological & Health Sciences

Enrollment Trends

	2012-13	2013-14	2014-15	1 yr % Inc
Unduplicated Headcount	2,669	2,728	2,517	-7.7%
Enrollment	4,405	4,464	4,000	-10.4%
Sections	156	165	146	-11.5%
WSCH	31,202	31,992	28,642	-10.5%
FTEF	694	711	637	-10.5%
FTEF	17.1	18.1	18.7	3.3%
Productivity	608	588	510	-13.4%

Course Success

	All Students					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	3,437	78%	3,560	80%	3,169	79%
Non Success	518	12%	468	10%	462	12%
Withdrew	449	10%	434	10%	369	9%
Total	4,404	100%	4,462	100%	4,000	100%

Full and Part Time Faculty Load

	2012-13	2013-14	2014-15	1 yr % Inc
Full Time Load	6.9	6.6	7.9	19.4%
Full Time %	41%	36%	42%	15.6%
Overload	1.2	1.1	0.9	-17.5%
Overload %	7%	6%	5%	-20.2%
Part Time Load	8.9	10.4	10.0	-4.6%
Part Time %	52%	58%	53%	-7.7%
Total FTEF	17.1	18.1	18.7	3.3%

Release/Re-assignTime

	2012-13	2013-14	2014-15	1 yr % Inc
	FTEF	FTEF	FTEF	FTEF
Non Teaching	1.07			
Teaching		5.00	2.00	-60.0%
Total	1.07	5.00	2.00	-60.0%

Course Success by Targeted Ethnic Groups

	Targeted Groups						Not Targeted Groups					
	2012-13		2013-14		2014-15		2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	999	69%	978	70%	963	70%	2,438	82%	2,582	84%	2,206	84%
Non Success	253	18%	227	16%	243	18%	265	9%	241	8%	219	8%
Withdrew	192	13%	188	13%	164	12%	257	9%	246	8%	205	8%
Total	1,444	100%	1,393	100%	1,370	100%	2,960	100%	3,069	100%	2,630	100%

Distribution by Ethnicity

	2014-15	
	Enr	Percent
African American	139	3%
Asian	1,256	31%
Filipino	387	10%
Latino/a	844	21%
Native American	10	0%
Pacific Islander	27	1%
White	1,194	30%
Decline to State	143	4%
Total	4,000	100%

Gender

	2014-15	
	Enr	Percent
Female	2,618	65%
Male	1,382	35%
Total	4,000	100%

Age

	2014-15	
	Enr	Percent
19 or less	420	11%
20-24	1,932	48%
25-39	1,451	36%
40 +	197	5%
Total	4,000	100%

Highest Degree

	2014-15	
	Enr	Percent
Bachelor or higher	1,040	26%
Associate	197	5%
HS/Equivalent	2,595	65%
All Other	168	4%
Total	4,000	100%

Success Rates by Gender

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	2,094	80%	290	11%	234	9%	2,618	100%
Male	1,075	78%	172	12%	135	10%	1,382	100%
Total	3,169	79%	462	12%	369	9%	4,000	100%

Success Rates by Age Group

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	318	76%	62	15%	40	10%	420	100%
20-24	1,496	77%	272	14%	164	8%	1,932	100%
25-39	1,183	82%	121	8%	147	10%	1,451	100%
40 +	172	87%	7	4%	18	9%	197	100%

Success Rates by Ethnicity (multiple years)

		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	2014-15	90	65%	30	22%	19	14%	139	100%
	2013-14	106	64%	35	21%	25	15%	166	100%
	2012-13	121	69%	33	19%	22	13%	176	100%
Asian	2014-15	1,060	84%	108	9%	88	7%	1,256	100%
	2013-14	1,298	86%	110	7%	109	7%	1,517	100%
	2012-13	1,225	83%	129	9%	128	9%	1,482	100%
Filipino	2014-15	300	78%	50	13%	37	10%	387	100%
	2013-14	307	74%	52	13%	55	13%	414	100%
	2012-13	308	72%	69	16%	48	11%	425	100%
Latino/a	2014-15	573	68%	163	19%	108	13%	844	100%
	2013-14	565	69%	140	17%	108	13%	813	100%
	2012-13	570	68%	151	18%	122	14%	843	100%
Native American	2014-15	10	100%					10	100%
	2013-14	15	71%			6	29%	21	100%
	2012-13	16	80%	3	15%	1	5%	20	100%
Pacific Islander	2014-15	22	81%	2	7%	3	11%	27	100%
	2013-14	41	79%	7	13%	4	8%	52	100%
	2012-13	18	67%	6	22%	3	11%	27	100%
White	2014-15	1,000	84%	91	8%	103	9%	1,194	100%
	2013-14	1,130	83%	107	8%	118	9%	1,355	100%
	2012-13	1,070	82%	112	9%	115	9%	1,297	100%
Decline to State	2014-15	114	80%	18	13%	11	8%	143	100%
	2013-14	98	79%	17	14%	9	7%	124	100%
	2012-13	109	81%	15	11%	10	7%	134	100%

Notes and Definitions

Data is for the fiscal year, including summer (and Foothill's early summer).

Figures include Apprenticeship.

Enrollment trends include students counted for apportionment for those report years.

Success data excludes students that dropped after census.

Ethnicity data prioritizes multi-ethnic students to targeted groups.

Gender data prioritizes unreported to female.

Cross-listed courses are included in home department.

WSCH:

Sum of quarterly
End-of-Term Weekly
Student Contact Hours. 4 Quarters.

FTES:

Fulltime equivalent students,
(WSCH * 11.67) / 525.

FTEF:

Sum of teaching load
factors for Summer, Fall, Winter,
and Spring quarters,
excluding all release/re-assignments.

FT and PT Load:

FT - Fulltime assignment types
0 and 3 (on load, paid and nonpaid).
PT - Parttime all other assignment types,
including 2 - overload.

Productivity:

4-term total WSCH /
4-term total FTEF,
excluding all release/re-assignments.

Success %:

Number of students
receiving an A,B,C or P
grade / total number of
students receiving a grade.

Targeted Groups:

African Americans, Latinos, Filipinos

Release / Re-assign Time:

NonTeaching - 994 - Sick Leave
Teaching: -
991 - BHES
995 - PDL
996 - Release-Division
999 - Faculty Release-Contractual

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Biological & Health Sciences

Enrollment Trends by Course (multiple years)

			2012-13	2013-14	2014-15	1 yr. % Inc
BIOL	F001A	Enrollment	235	258	210	-19%
		Productivity	598	523	473	-10%
	F001B	Enrollment	170	177	155	-12%
		Productivity	589	533	453	-15%
	F001C	Enrollment	122	151	113	-25%
		Productivity	442	551	496	-10%
	F001D	Enrollment	16	15	20	33%
		Productivity	240	225	300	33%
	F008.	Enrollment	88	83	82	-1%
		Productivity	440	415	410	-1%
	F009.	Enrollment	98	72	84	17%
		Productivity	734	539	629	17%
	F009L	Enrollment	48	28	21	-25%
		Productivity	471	275	333	21%
	F010.	Enrollment	531	528	521	-1%
		Productivity	601	649	633	-3%
	F012.	Enrollment	130	121	109	-10%
		Productivity	649	604	544	-10%
	F013.	Enrollment	56	50	55	10%
		Productivity	395	417	418	0%
	F014.	Enrollment	261	228	292	28%
		Productivity	674	588	623	6%
	F015.	Enrollment	17		18	
		Productivity	283		271	
	F023.	Enrollment		34	24	-29%
		Productivity			#INF	
	F040A	Enrollment	765	811	571	-30%
		Productivity	732	698	565	-19%
	F040B	Enrollment	586	598	499	-17%
		Productivity	674	656	562	-14%
	F040C	Enrollment	455	502	440	-12%
		Productivity	732	665	561	-16%
	F041.	Enrollment	470	532	516	-3%
		Productivity	535	525	393	-25%
	F045.	Enrollment	225	178	167	-6%
		Productivity	480	444	500	13%
	F054H	Enrollment	33	16	26	63%
		Productivity	250	242	197	-19%
	F058.	Enrollment	99	82	77	-6%
		Productivity	742	614	577	-6%

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			Success		Non Success		Withdrew		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
BIOL	F001A	2014-15	161	77%	28	13%	21	10%	210	100%
		2013-14	238	92%	10	4%	10	4%	258	100%
		2012-13	183	78%	40	17%	12	5%	235	100%
	F001B	2014-15	131	85%	11	7%	13	8%	155	100%
		2013-14	162	92%	13	7%	2	1%	177	100%
		2012-13	145	85%	14	8%	11	6%	170	100%
	F001C	2014-15	106	94%	3	3%	4	4%	113	100%
		2013-14	143	95%	2	1%	6	4%	151	100%
		2012-13	113	93%	2	2%	7	6%	122	100%
	F001D	2014-15	9	45%	4	20%	7	35%	20	100%
		2013-14	11	73%	2	13%	2	13%	15	100%
		2012-13	12	75%	1	6%	3	19%	16	100%
	F008.	2014-15	62	76%	9	11%	11	13%	82	100%
		2013-14	57	69%	12	14%	14	17%	83	100%
		2012-13	51	58%	14	16%	23	26%	88	100%
	F009.	2014-15	59	70%	15	18%	10	12%	84	100%
		2013-14	48	67%	11	15%	13	18%	72	100%
		2012-13	71	72%	13	13%	14	14%	98	100%
	F009L	2014-15	15	71%	2	10%	4	19%	21	100%
		2013-14	21	75%	2	7%	5	18%	28	100%
		2012-13	35	73%	4	8%	9	19%	48	100%
	F010.	2014-15	384	74%	82	16%	55	11%	521	100%
		2013-14	351	66%	114	22%	63	12%	528	100%
		2012-13	402	76%	69	13%	60	11%	531	100%
	F012.	2014-15	72	66%	27	25%	10	9%	109	100%
		2013-14	83	69%	19	16%	19	16%	121	100%
		2012-13	87	67%	21	16%	22	17%	130	100%
	F013.	2014-15	41	75%	9	16%	5	9%	55	100%
		2013-14	32	64%	7	14%	11	22%	50	100%
		2012-13	27	48%	14	25%	15	27%	56	100%
	F014.	2014-15	193	66%	62	21%	37	13%	292	100%
		2013-14	179	79%	33	14%	16	7%	228	100%
		2012-13	193	74%	41	16%	27	10%	261	100%
	F015.	2014-15	17	94%			1	6%	18	100%
		2012-13	12	71%	1	6%	4	24%	17	100%
	F023.	2014-15	23	96%	1	4%			24	100%
		2013-14	33	100%					33	100%
	F040A	2014-15	435	76%	76	13%	60	11%	571	100%
		2013-14	602	74%	118	15%	90	11%	810	100%
		2012-13	572	75%	112	15%	81	11%	765	100%
	F040B	2014-15	386	77%	61	12%	52	10%	499	100%
		2013-14	494	83%	50	8%	54	9%	598	100%
		2012-13	454	77%	81	14%	51	9%	586	100%
	F040C	2014-15	395	90%	25	6%	20	5%	440	100%
		2013-14	449	89%	24	5%	29	6%	502	100%
		2012-13	407	89%	33	7%	15	3%	455	100%

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		Success		Non Success		Withdrawn		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
F041.	2014-15	447	87%	35	7%	34	7%	516	100%
	2013-14	421	79%	42	8%	69	13%	532	100%
	2012-13	369	79%	39	8%	61	13%	469	100%
F045.	2014-15	142	85%	6	4%	19	11%	167	100%
	2013-14	148	83%	6	3%	24	13%	178	100%
	2012-13	188	84%	11	5%	26	12%	225	100%
F054H	2014-15	24	92%	2	8%			26	100%
	2013-14	15	94%	1	6%			16	100%
	2012-13	30	91%	1	3%	2	6%	33	100%
F058.	2014-15	67	87%	4	5%	6	8%	77	100%
	2013-14	73	89%	2	2%	7	9%	82	100%
	2012-13	86	87%	7	7%	6	6%	99	100%