



Las Positas College
Program Review Discipline Data Packet
Fall 2012 to Fall 2016

Discipline:

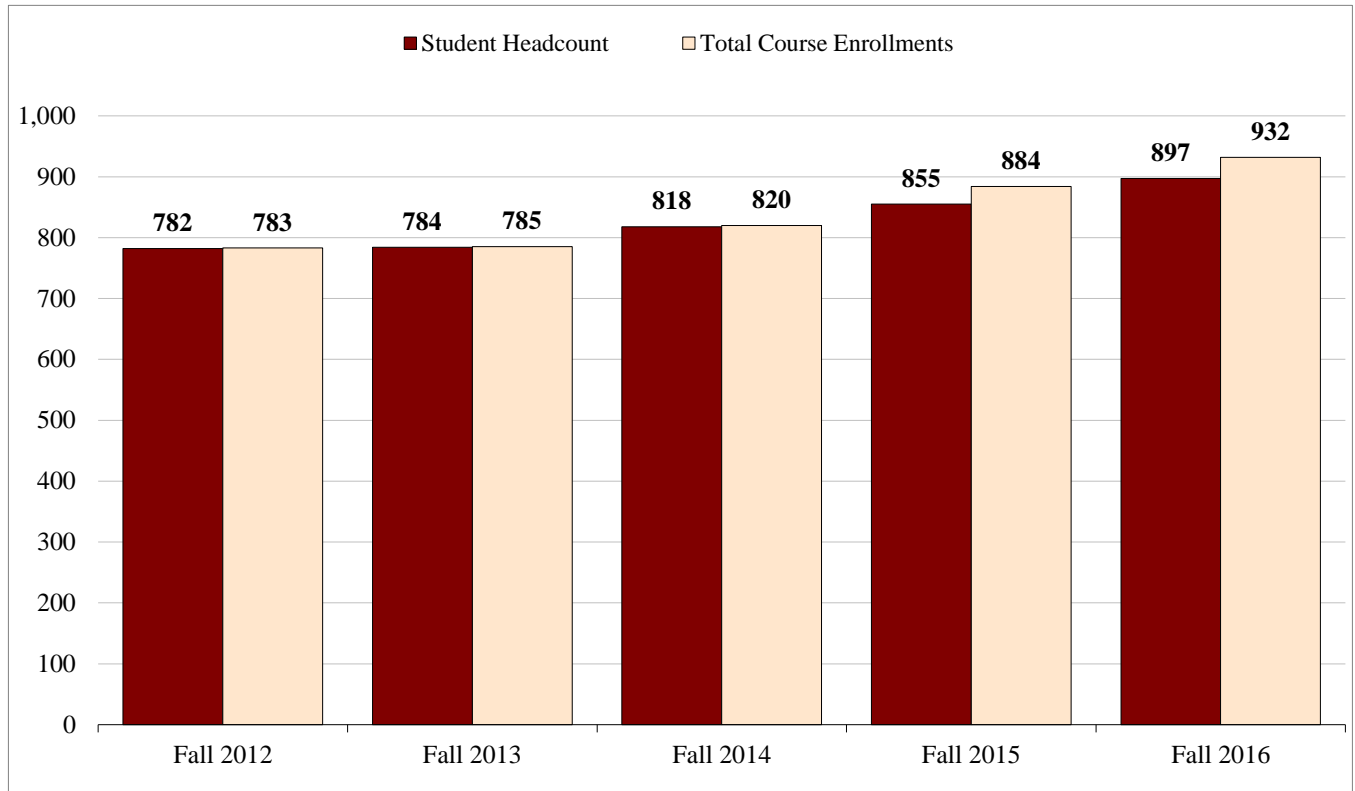
Biology (BIO*)

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NOTE: *Starting Fall 2015, the newly introduced "BIO" course rubric/subject consolidates eight course rubrics/subjects (ANAT, BIOL, BOTN, ECOL, EVSC, MICR, PHSI, and ZOOL). Data shown for prior terms represent the aggregate from all eight previous course rubrics/subjects.

Headcount & Enrollment

Biology (BIO*)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Student Headcount	782	784	818	855	897
Total Course Enrollments	783	785	820	884	932



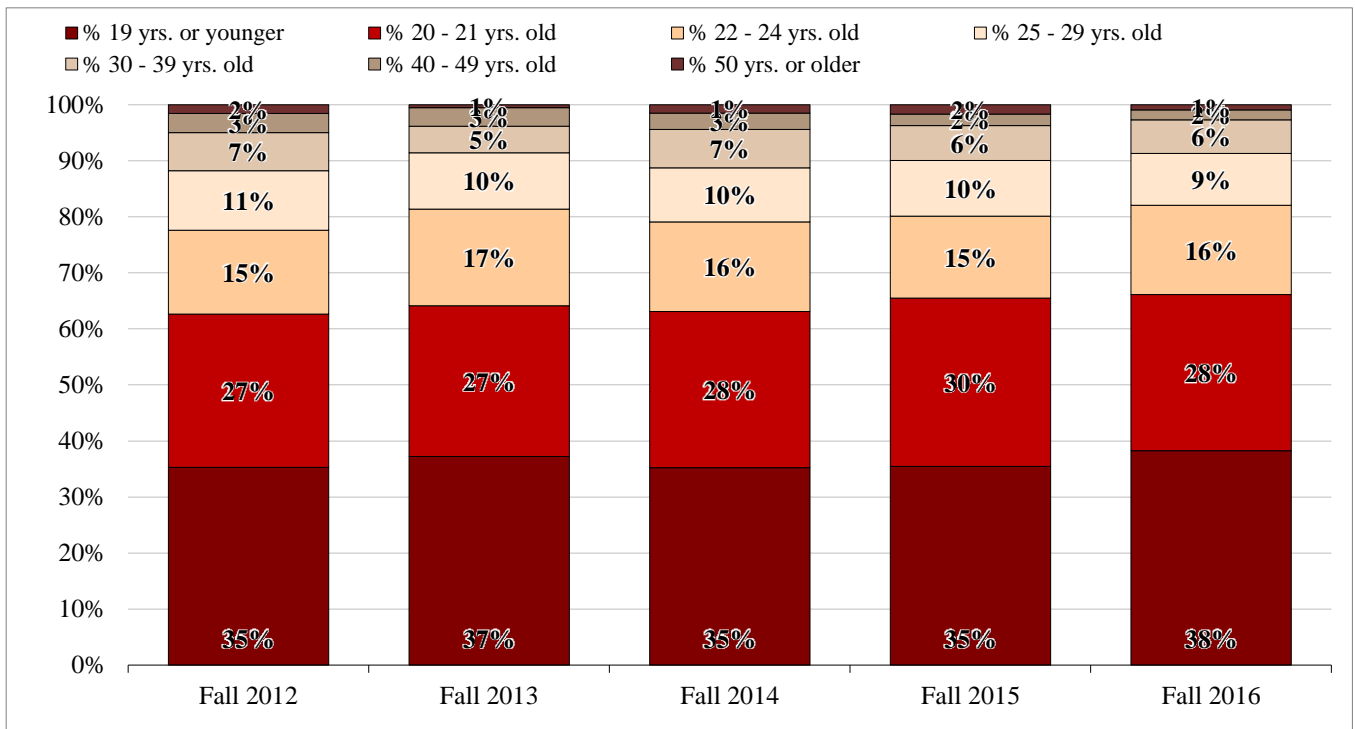
Definitions:

Student Headcount is the unduplicated count of students enrolled in all courses within the discipline.

Total Course Enrollments is the sum of all course enrollments (filled seats) within the discipline.

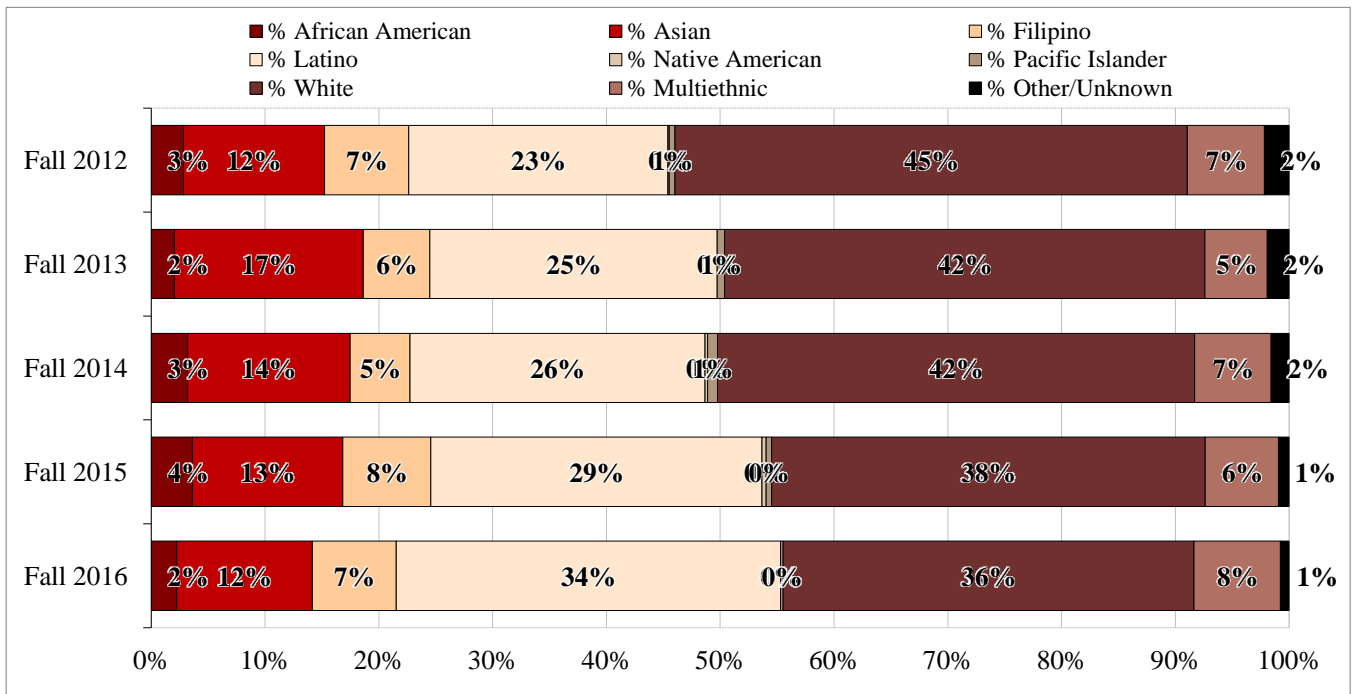
Student Demographics: Gender & Age

Biology (BIO*)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Female	454	469	502	533	517
Male	323	310	310	312	373
19 yrs. or younger	276	292	288	303	343
20-21 yrs. old	214	211	228	257	250
22-24 yrs. old	117	135	131	125	143
25-29 yrs. old	83	79	79	85	83
30-39 yrs. old	53	37	56	53	54
40-49 yrs. old	27	26	24	18	16
50 yrs. or older	12	4	12	14	8
% Female	58%	60%	62%	63%	58%
% Male	42%	40%	38%	37%	42%
% 19 yrs. or younger	35%	37%	35%	35%	38%
% 20 - 21 yrs. old	27%	27%	28%	30%	28%
% 22 - 24 yrs. old	15%	17%	16%	15%	16%
% 25 - 29 yrs. old	11%	10%	10%	10%	9%
% 30 - 39 yrs. old	7%	5%	7%	6%	6%
% 40 - 49 yrs. old	3%	3%	3%	2%	2%
% 50 yrs. or older	2%	1%	1%	2%	1%



Student Demographic: Race-Ethnicity

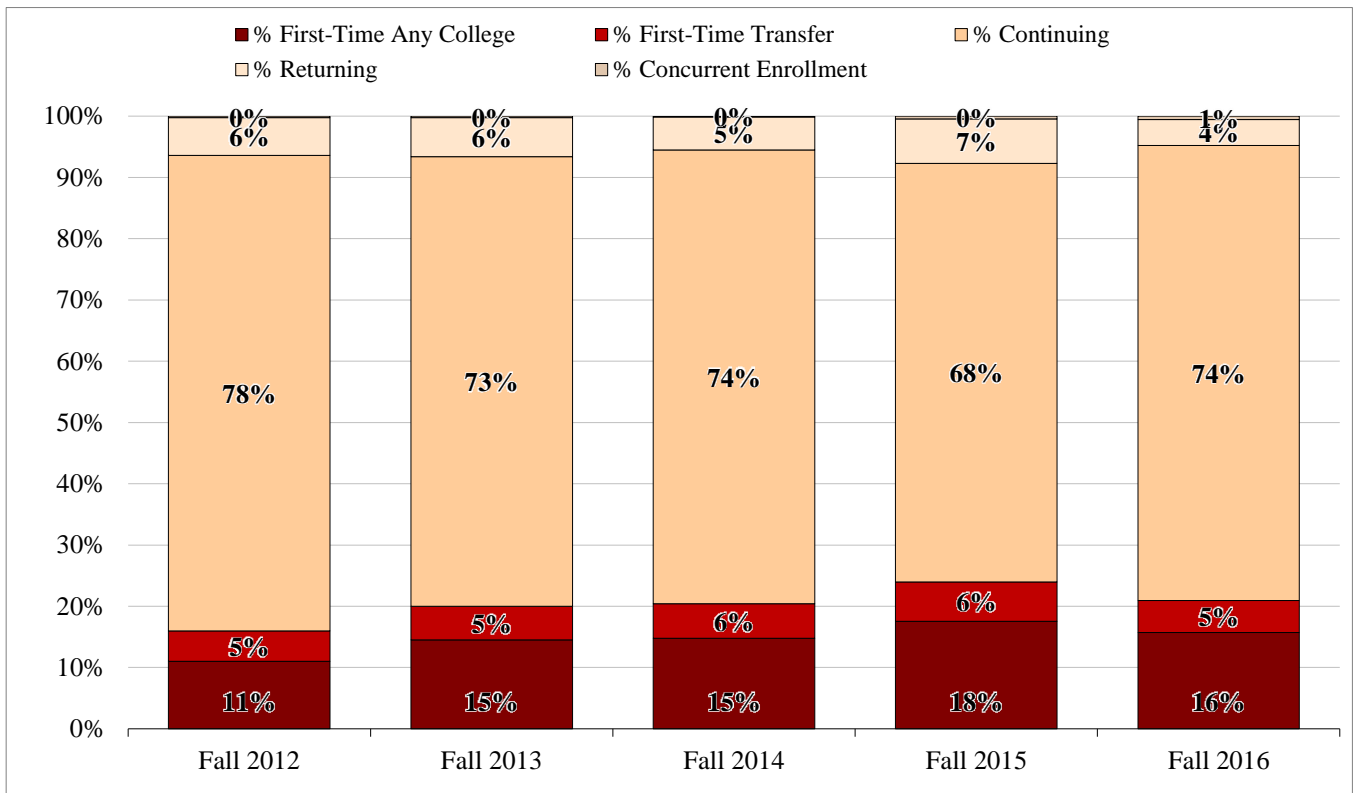
Biology (BIO*)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
African American	22	16	26	31	20
Asian	97	130	117	113	107
Filipino	58	46	43	66	66
Latino	178	198	212	249	303
Native American	1	0	2	3	0
Pacific Islander	4	5	7	4	2
White	352	331	343	326	324
Multiethnic	53	43	55	55	68
Other/Unknown	17	15	13	8	7
% African American	3%	2%	3%	4%	2%
% Asian	12%	17%	14%	13%	12%
% Filipino	7%	6%	5%	8%	7%
% Latino	23%	25%	26%	29%	34%
% Native American	<1%	0%	<1%	<1%	0%
% Pacific Islander	1%	1%	1%	<1%	<1%
% White	45%	42%	42%	38%	36%
% Multiethnic	7%	5%	7%	6%	8%
% Other/Unknown	2%	2%	2%	1%	1%



Note: Multiethnic category became available in Fall 2011.

Student Enrollment Status

Biology (BIO*)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
First-Time Any College	86	114	121	150	141
First-Time Transfer	39	43	46	55	47
Continuing	607	575	606	584	666
Returning	48	50	44	62	38
Concurrent Enrollment	2	2	1	4	5
% First-Time Any College	11%	15%	15%	18%	16%
% First-Time Transfer	5%	5%	6%	6%	5%
% Continuing	78%	73%	74%	68%	74%
% Returning	6%	6%	5%	7%	4%
% Concurrent Enrollment	<1%	<1%	<1%	<1%	1%



Definitions:

First-Time Any College: Students enrolled in college for the first time.

First-Time Transfer: Students transferring to LPC in the current semester from another community college or university.

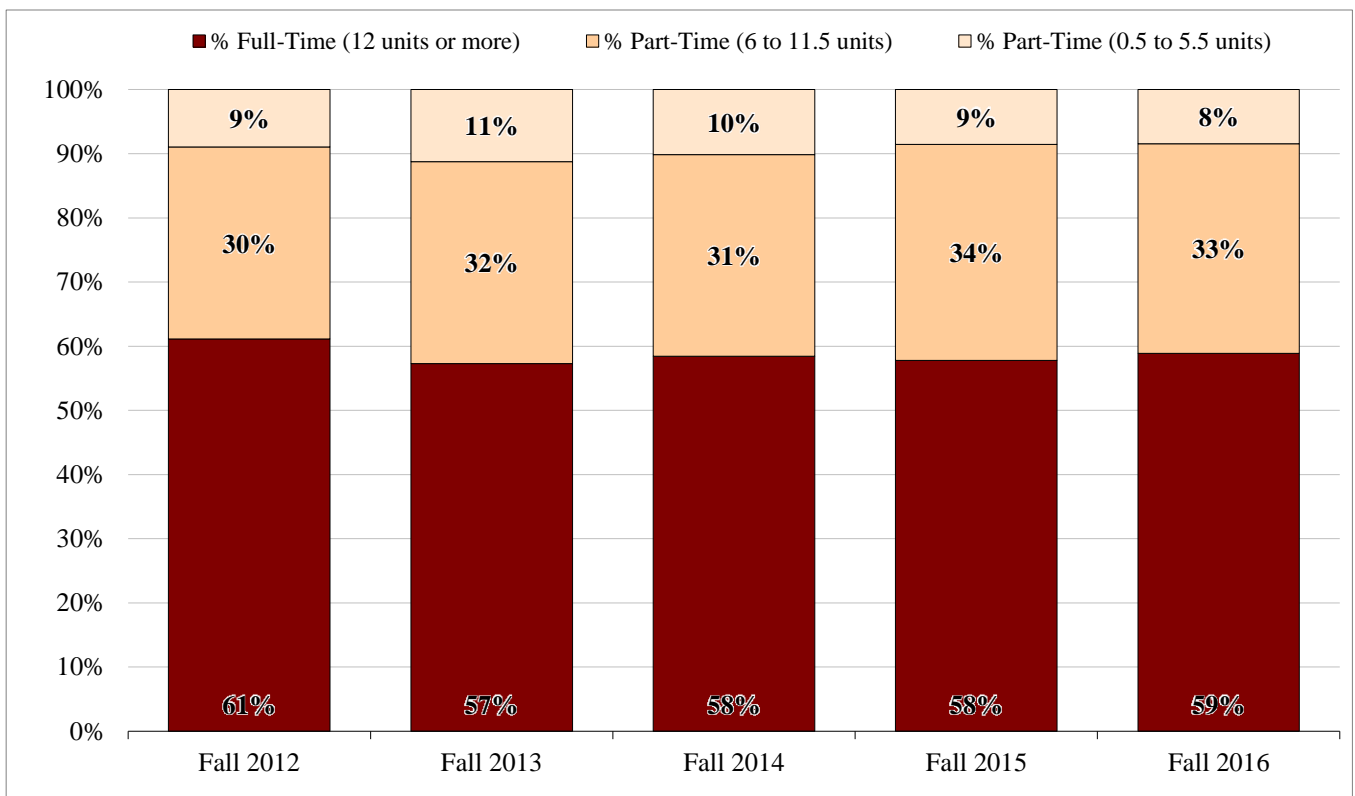
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

Returning: Students enrolled at LPC after an absence of one or more primary terms from the District.

Concurrent Enrollment: A special admit student currently enrolled in K-12.

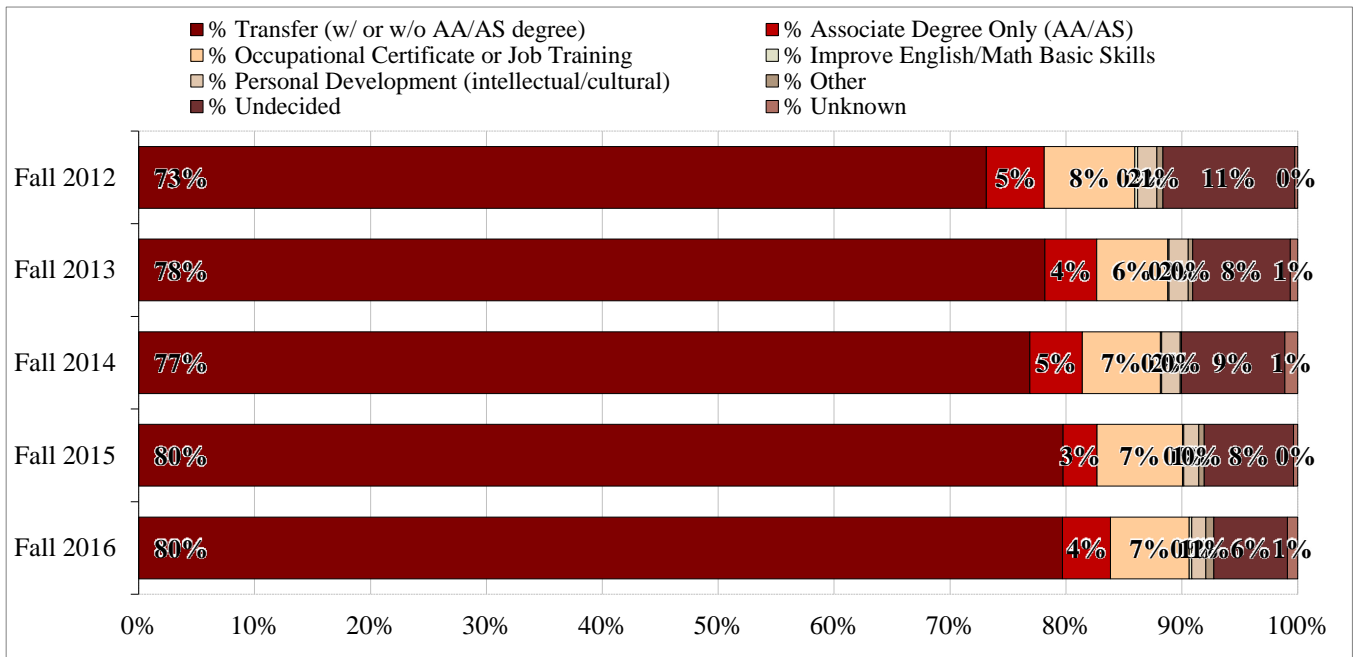
Student Unit Load

Biology (BIO*)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Full-Time (12 units or more)	478	449	478	494	528
Part-Time (6 to 11.5 units)	234	247	257	288	293
Part-Time (0.5 to 5.5 units)	70	88	83	73	76
% Full-Time (12 units or more)	61%	57%	58%	58%	59%
% Part-Time (6 to 11.5 units)	30%	32%	31%	34%	33%
% Part-Time (0.5 to 5.5 units)	9%	11%	10%	9%	8%



Student Educational Goal

Biology (BIO*)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Transfer (w/ or w/o AA/AS degree)	572	613	629	682	715
Associate Degree Only (AA/AS)	39	35	37	25	37
Occupational Certificate or Job Training	61	48	55	63	61
Improve English/Math Basic Skills	2	1	1	1	2
Personal Development (intellectual/cultural)	13	13	13	11	11
Other	4	3	1	4	6
Undecided	89	66	73	66	57
Unknown	2	5	9	3	8
% Transfer (w/ or w/o AA/AS degree)	73%	78%	77%	80%	80%
% Associate Degree Only (AA/AS)	5%	4%	5%	3%	4%
% Occupational Certificate or Job Training	8%	6%	7%	7%	7%
% Improve English/Math Basic Skills	<1%	<1%	<1%	<1%	<1%
% Personal Development (intellectual/cultural)	2%	2%	2%	1%	1%
% Other	1%	<1%	<1%	<1%	1%
% Undecided	11%	8%	9%	8%	6%
% Unknown	<1%	1%	1%	<1%	1%



Definitions:

Transfer: Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.

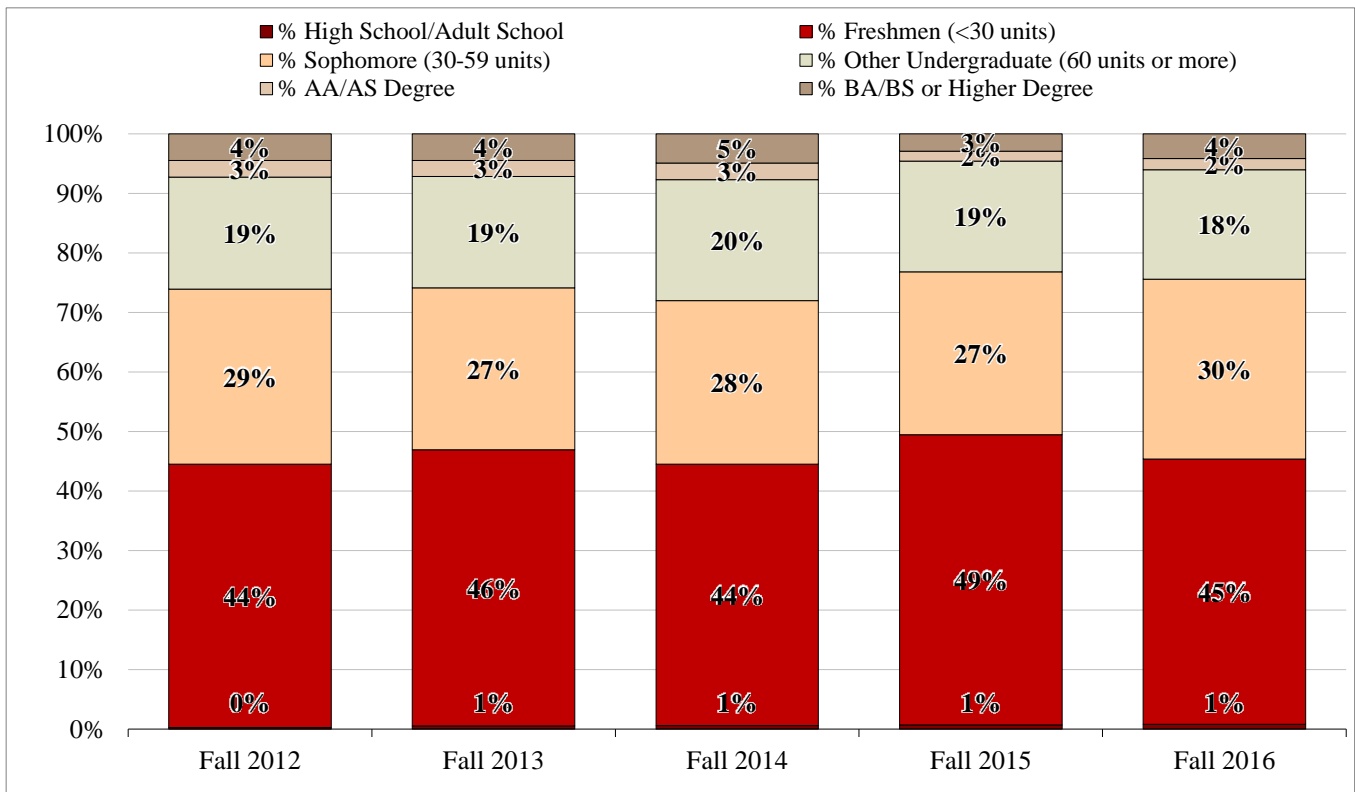
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

Personal Development: Students taking courses for intellectual and/or cultural development.

Other: Students completing diploma/GED requirements or moving from non-credit to credit courses. Data from admission application.

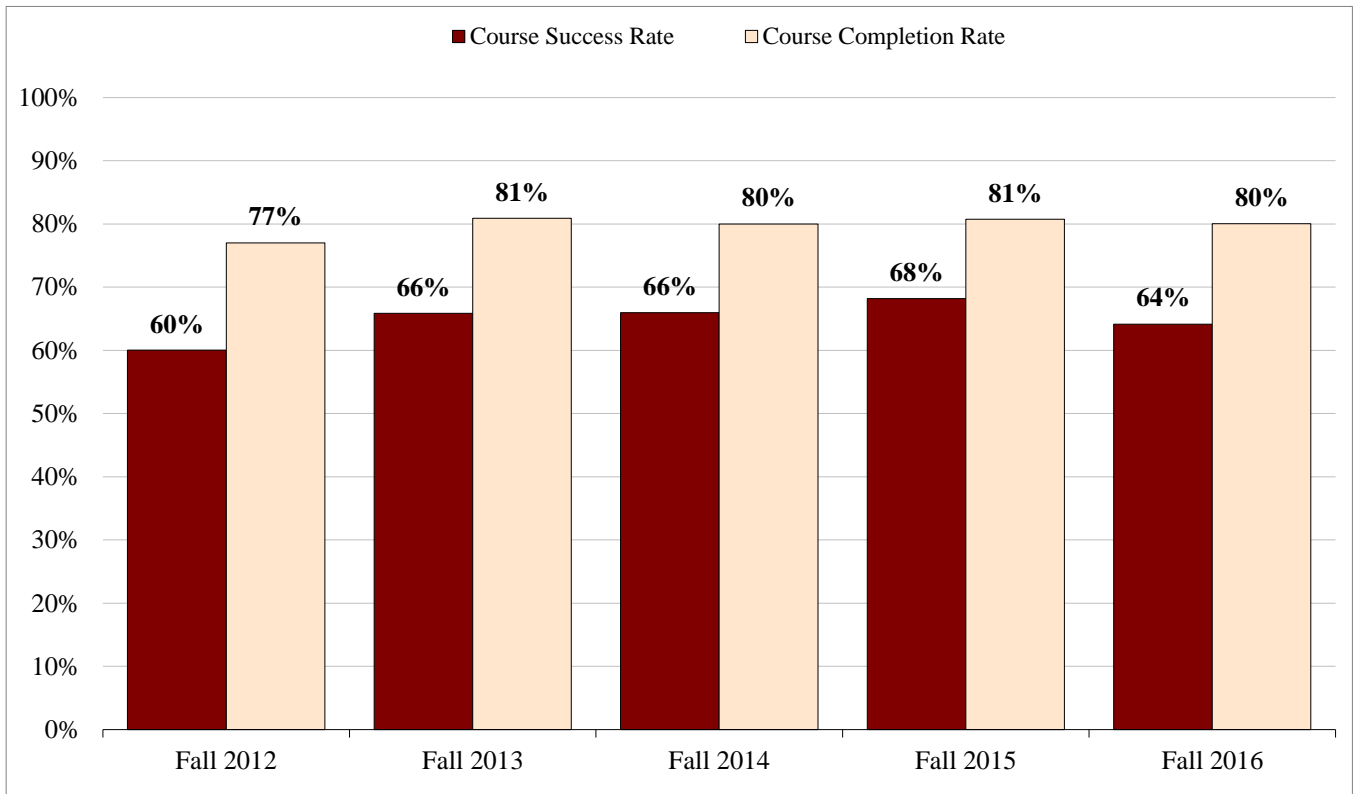
Highest Educational Level of Students

Biology (BIO*)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
High School/Adult School	2	4	5	6	7
Freshmen (<30 units)	346	364	359	417	400
Sophomore (30-59 units)	230	213	225	234	271
Other Undergraduate (60 units or more)	147	147	166	159	165
AA/AS Degree	22	21	23	14	17
BA/BS or Higher Degree	35	35	40	25	37
% High School/Adult School	<1%	1%	1%	1%	1%
% Freshmen (<30 units)	44%	46%	44%	49%	45%
% Sophomore (30-59 units)	29%	27%	28%	27%	30%
% Other Undergraduate (60 units or more)	19%	19%	20%	19%	18%
% AA/AS Degree	3%	3%	3%	2%	2%
% BA/BS or Higher Degree	4%	4%	5%	3%	4%



Student Performance

Biology (BIO*)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Course Success Rate	60%	66%	66%	68%	64%
Course Completion Rate	77%	81%	80%	81%	80%



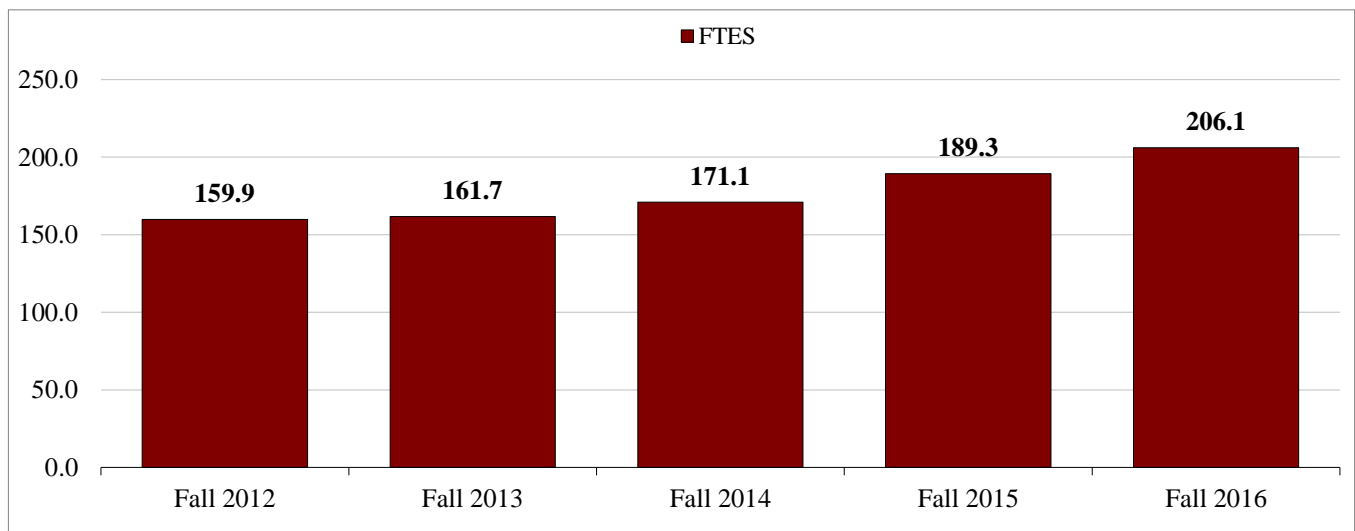
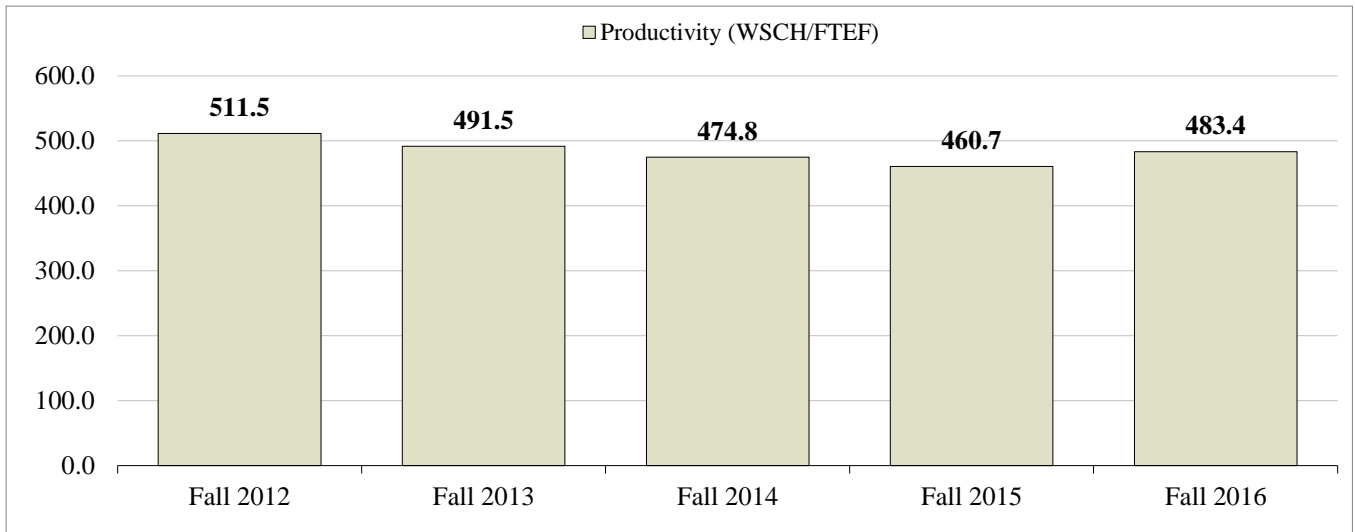
Definitions:

Course Success Rate is the percentage of students receiving a passing grade ('A', 'B', 'C', 'CR', or 'P') relative to all students receiving a grade.

Course Completion Rate is the percentage of students receiving any grade other than 'W' relative to all students receiving a grade.

Enrollment Management: Part 1

Biology (BIO*)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
WSCH	4,839	4,920	5,185	5,763	6,299
FTES	159.9	161.7	171.1	189.3	206.1
FTEF	9.5	10.0	10.9	12.5	13.0
Productivity (WSCH/FTEF)	511.5	491.5	474.8	460.7	483.4



Definitions:

WSCH is the total Weekly Student Contact Hours resulting from all enrollment within the discipline.

FTES is the total Full Time Equivalent Student value resulting from all enrollment within the discipline.

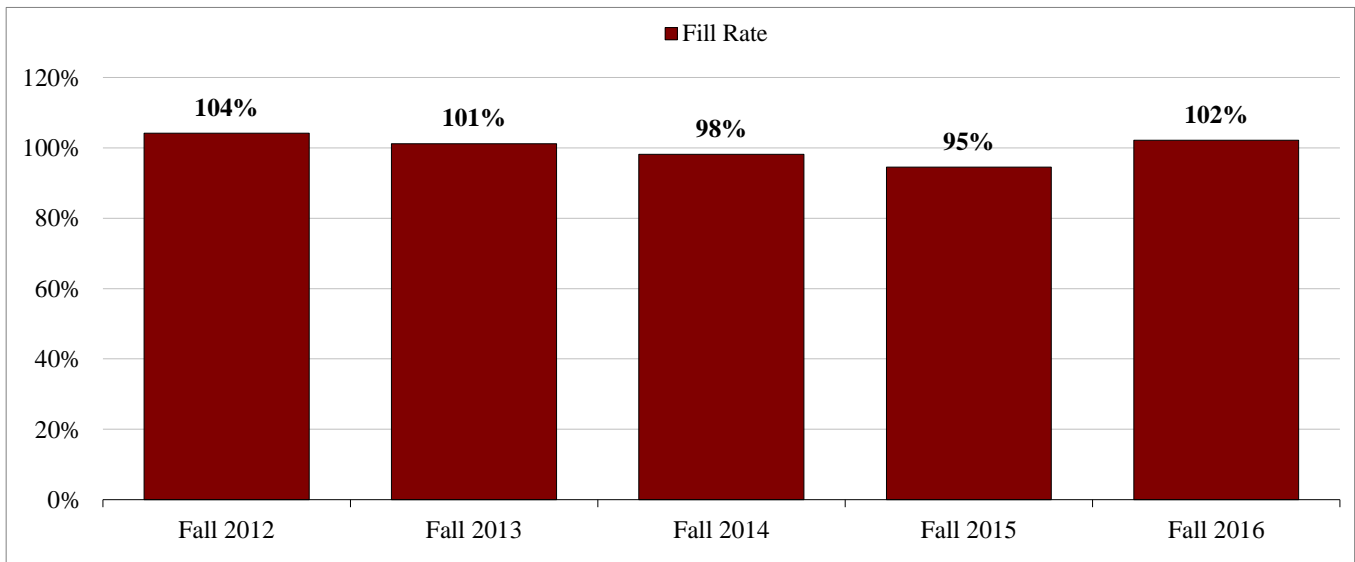
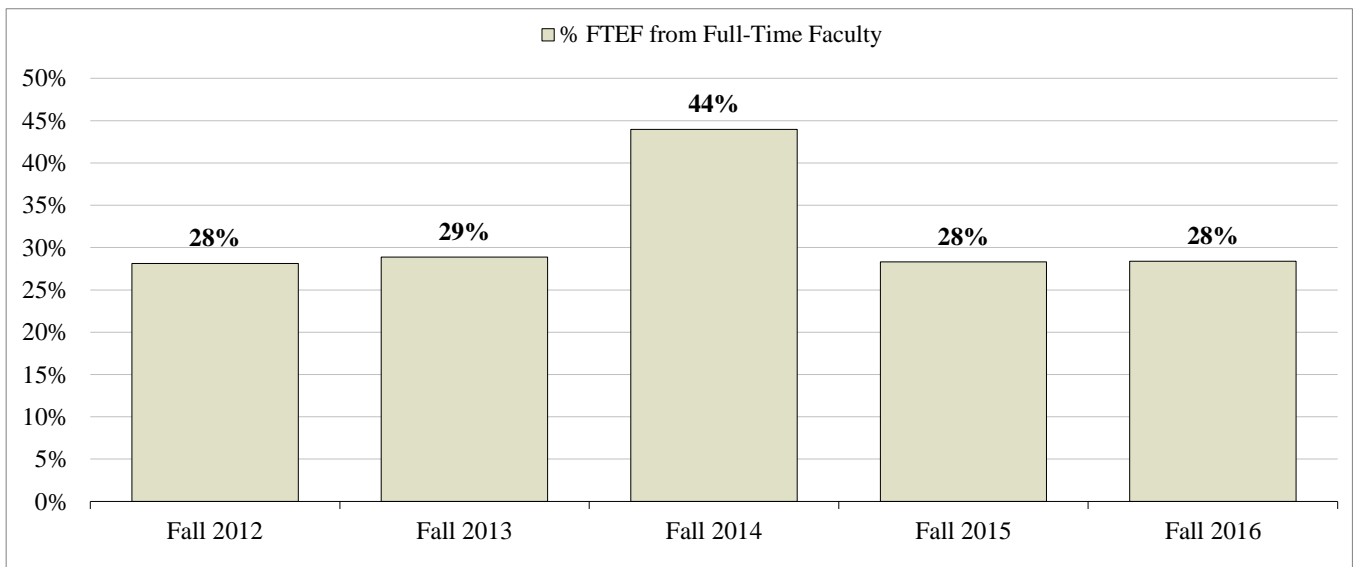
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

Productivity is the ratio of WSCH to FTEF and a standard measure of discipline efficiency.

Note: Enrollment Management data includes all credit courses accounted for during the respective academic terms; data accessed on 5/9/17.

Enrollment Management: Part 2

Biology (BIO*)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
FTEF from Full-Time Faculty	2.7	2.9	4.8	3.5	3.7
% FTEF from Full-Time Faculty	28%	29%	44%	28%	28%
Enrollments	783	785	820	884	932
Capacity (seats available)	752	776	835	935	912
Fill Rate	104%	101%	98%	95%	102%



Definitions:

Fill Rate is number of enrollments over the total capacity (seats available).

% FTEF from Full-time Faculty is the FTEF generated by full-time faculty as load (i.e., excluding overload) divided by the total FTEF.

Note: Enrollment Management data includes all credit courses accounted for during the respective academic terms; data accessed on 5/9/17.