



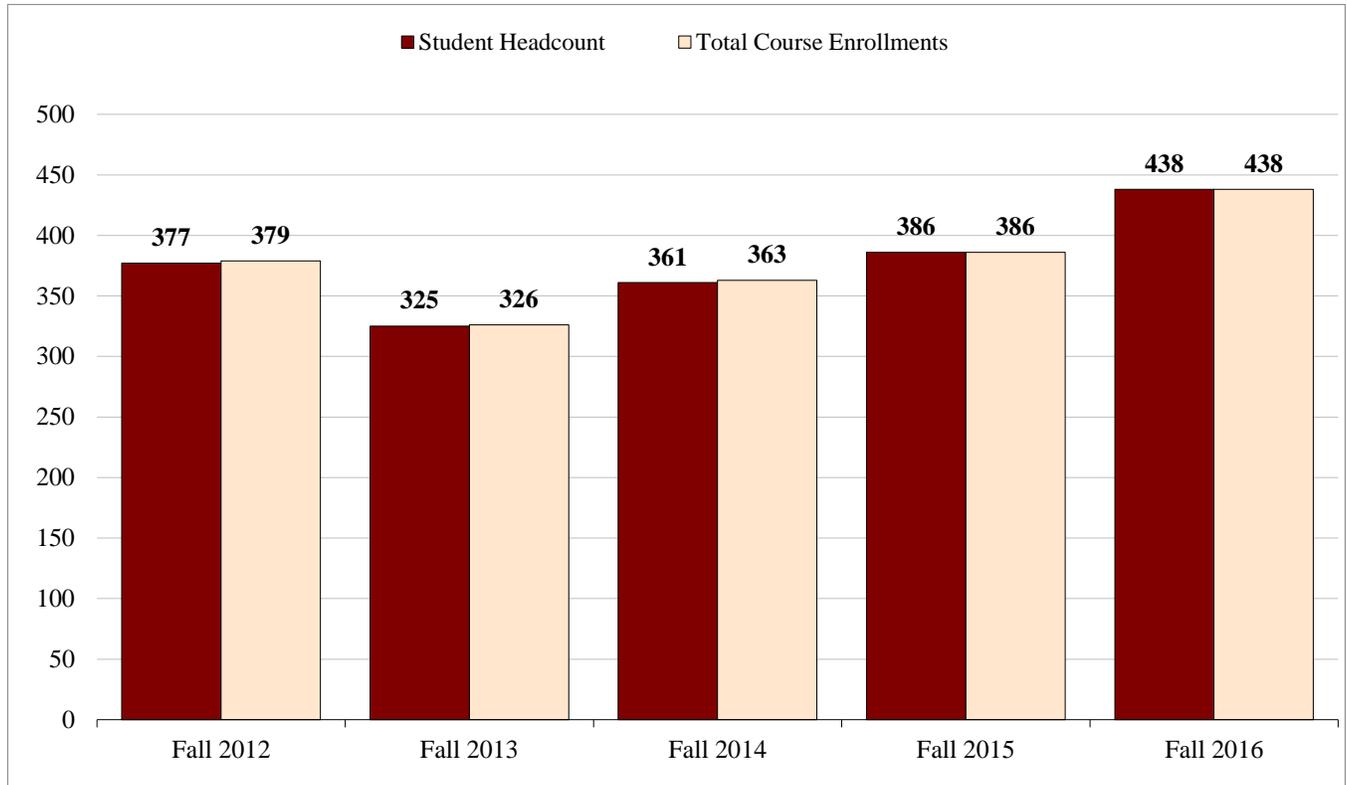
Las Positas College
Program Review Discipline Data Packet
Fall 2012 to Fall 2016

Discipline:
Chemistry (CHEM)

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Headcount & Enrollment

Chemistry (CHEM)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Student Headcount	377	325	361	386	438
Total Course Enrollments	379	326	363	386	438



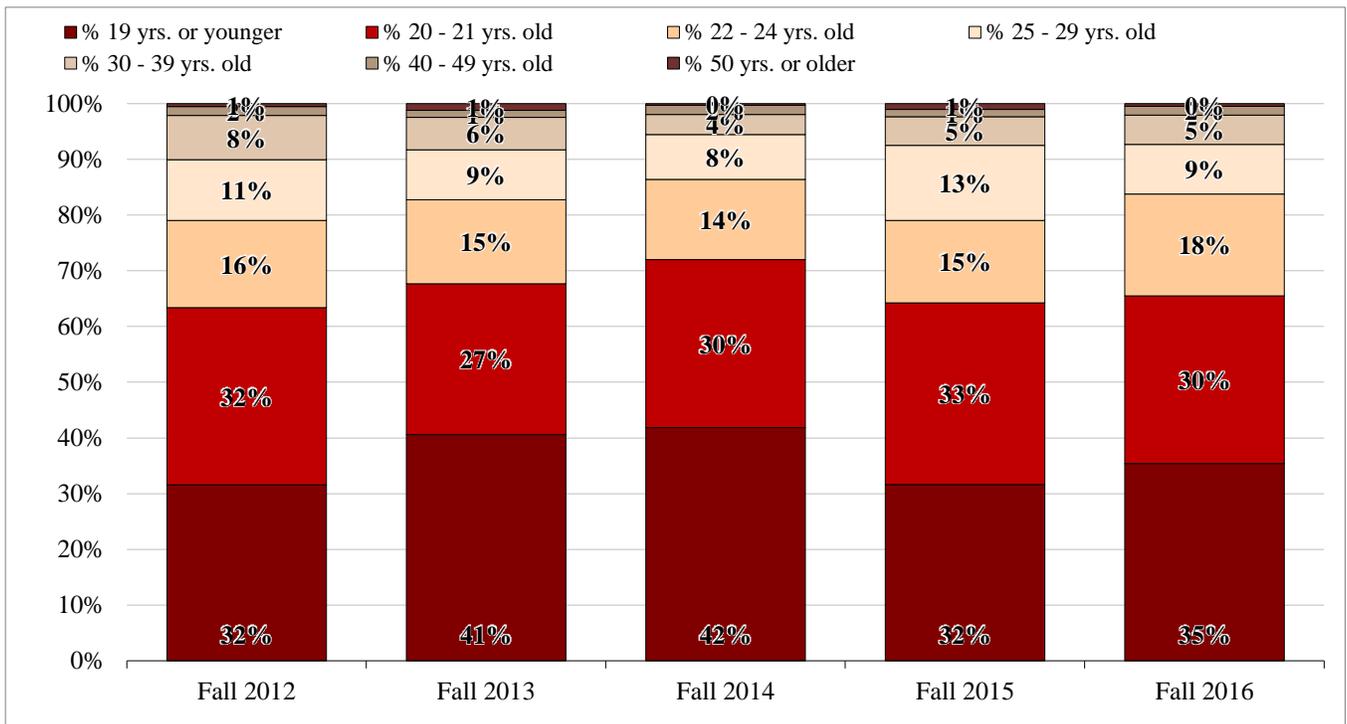
Definitions:

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.

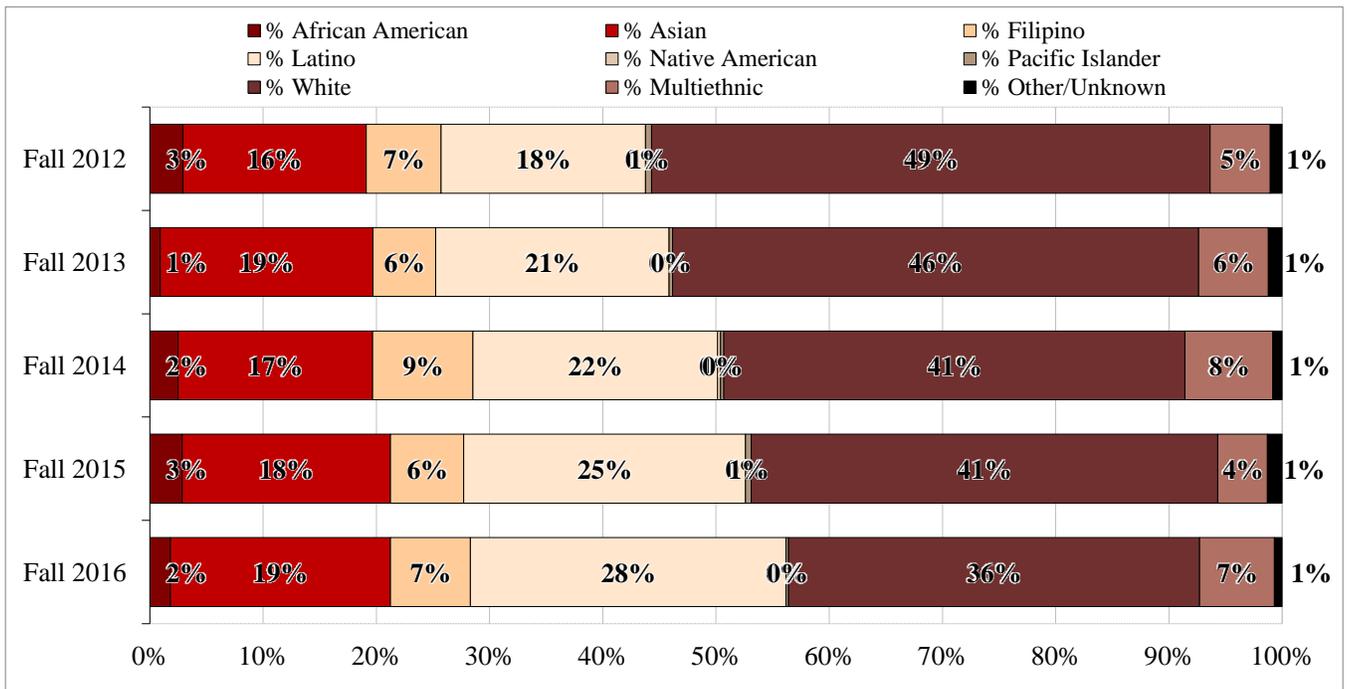
Student Demographics: Gender & Age

Chemistry (CHEM)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Female	184	161	188	198	233
Male	186	162	171	183	201
19 yrs. or younger	119	132	151	122	155
20-21 yrs. old	120	88	109	126	132
22-24 yrs. old	59	49	52	57	80
25-29 yrs. old	41	29	29	52	39
30-39 yrs. old	30	19	13	20	23
40-49 yrs. old	6	4	6	5	7
50 yrs. or older	2	4	1	4	2
% Female	50%	50%	52%	52%	54%
% Male	50%	50%	48%	48%	46%
% 19 yrs. or younger	32%	41%	42%	32%	35%
% 20 - 21 yrs. old	32%	27%	30%	33%	30%
% 22 - 24 yrs. old	16%	15%	14%	15%	18%
% 25 - 29 yrs. old	11%	9%	8%	13%	9%
% 30 - 39 yrs. old	8%	6%	4%	5%	5%
% 40 - 49 yrs. old	2%	1%	2%	1%	2%
% 50 yrs. or older	1%	1%	<1%	1%	<1%



Student Demographic: Race-Ethnicity

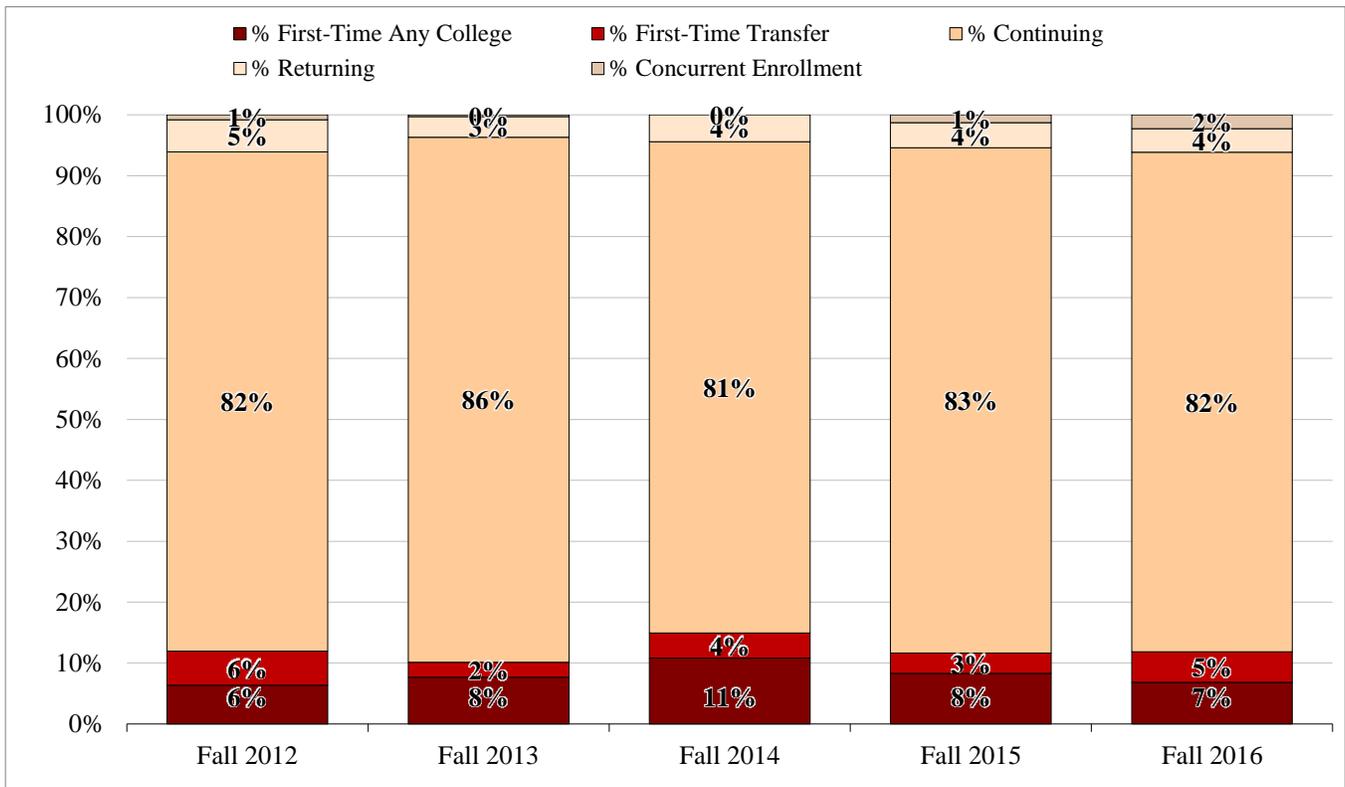
Chemistry (CHEM)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
African American	11	3	9	11	8
Asian	61	61	62	71	85
Filipino	25	18	32	25	31
Latino	68	67	78	96	122
Native American	0	0	1	0	0
Pacific Islander	2	1	1	2	1
White	186	151	147	159	159
Multiethnic	20	20	28	17	29
Other/Unknown	4	4	3	5	3
% African American	3%	1%	2%	3%	2%
% Asian	16%	19%	17%	18%	19%
% Filipino	7%	6%	9%	6%	7%
% Latino	18%	21%	22%	25%	28%
% Native American	0%	0%	<1%	0%	0%
% Pacific Islander	1%	<1%	<1%	1%	<1%
% White	49%	46%	41%	41%	36%
% Multiethnic	5%	6%	8%	4%	7%
% Other/Unknown	1%	1%	1%	1%	1%



Note: Multiethnic category became available in Fall 2011.

Student Enrollment Status

Chemistry (CHEM)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
First-Time Any College	24	25	39	32	30
First-Time Transfer	21	8	15	13	22
Continuing	309	280	291	320	359
Returning	20	11	16	16	17
Concurrent Enrollment	3	1	0	5	10
% First-Time Any College	6%	8%	11%	8%	7%
% First-Time Transfer	6%	2%	4%	3%	5%
% Continuing	82%	86%	81%	83%	82%
% Returning	5%	3%	4%	4%	4%
% Concurrent Enrollment	1%	<1%	0%	1%	2%



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.

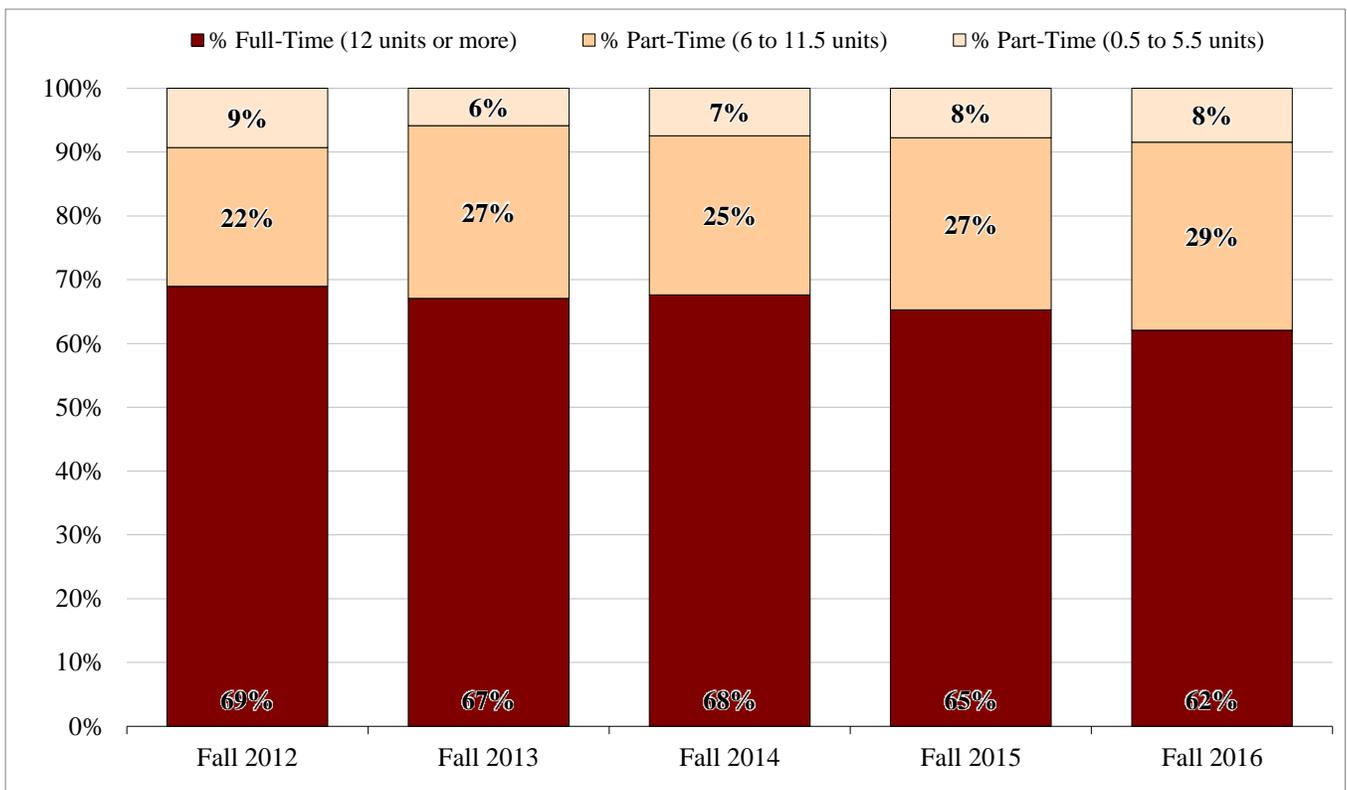
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

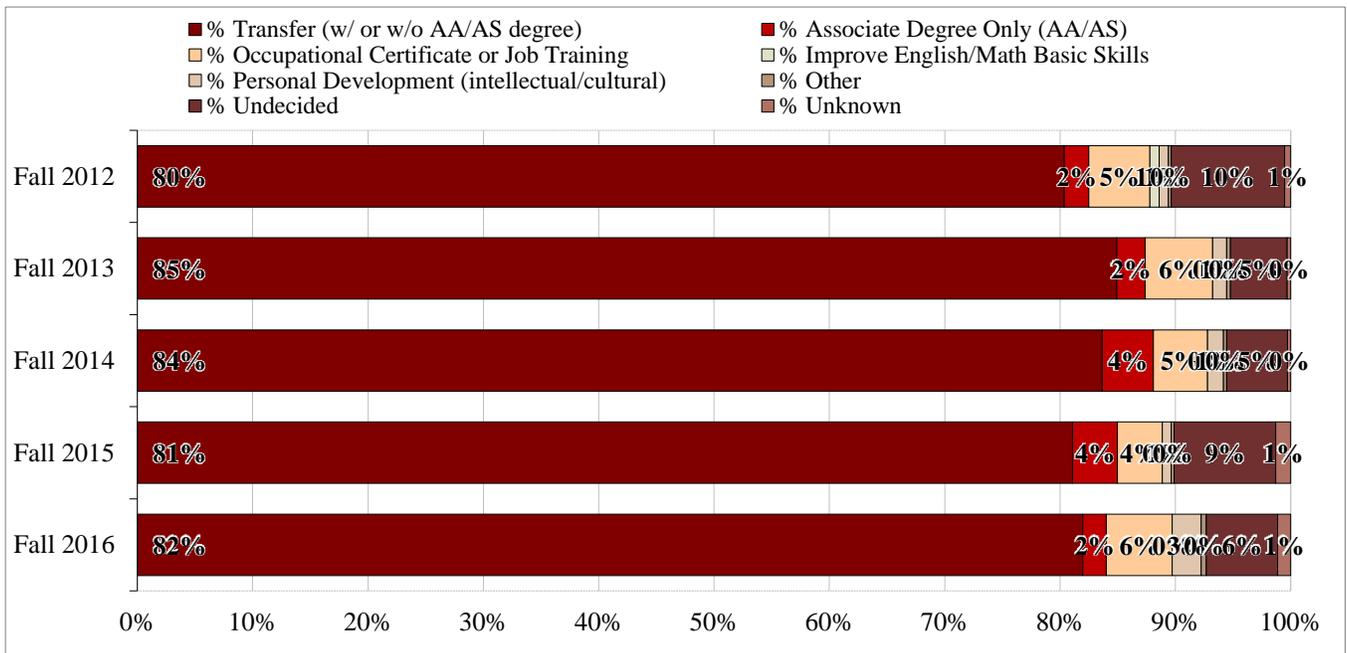
Student Unit Load

Chemistry (CHEM)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Full-Time (12 units or more)	260	218	244	252	272
Part-Time (6 to 11.5 units)	82	88	90	104	129
Part-Time (0.5 to 5.5 units)	35	19	27	30	37
% Full-Time (12 units or more)	69%	67%	68%	65%	62%
% Part-Time (6 to 11.5 units)	22%	27%	25%	27%	29%
% Part-Time (0.5 to 5.5 units)	9%	6%	7%	8%	8%



Student Educational Goal

Chemistry (CHEM)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Transfer (w/ or w/o AA/AS degree)	303	276	302	313	359
Associate Degree Only (AA/AS)	8	8	16	15	9
Occupational Certificate or Job Training	20	19	17	15	25
Improve English/Math Basic Skills	3	0	0	0	0
Personal Development (intellectual/cultural)	3	4	5	3	11
Other	1	1	1	1	2
Undecided	37	16	19	34	27
Unknown	2	1	1	5	5
% Transfer (w/ or w/o AA/AS degree)	80%	85%	84%	81%	82%
% Associate Degree Only (AA/AS)	2%	2%	4%	4%	2%
% Occupational Certificate or Job Training	5%	6%	5%	4%	6%
% Improve English/Math Basic Skills	1%	0%	0%	0%	0%
% Personal Development (intellectual/cultural)	1%	1%	1%	1%	3%
% Other	<1%	<1%	<1%	<1%	<1%
% Undecided	10%	5%	5%	9%	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.

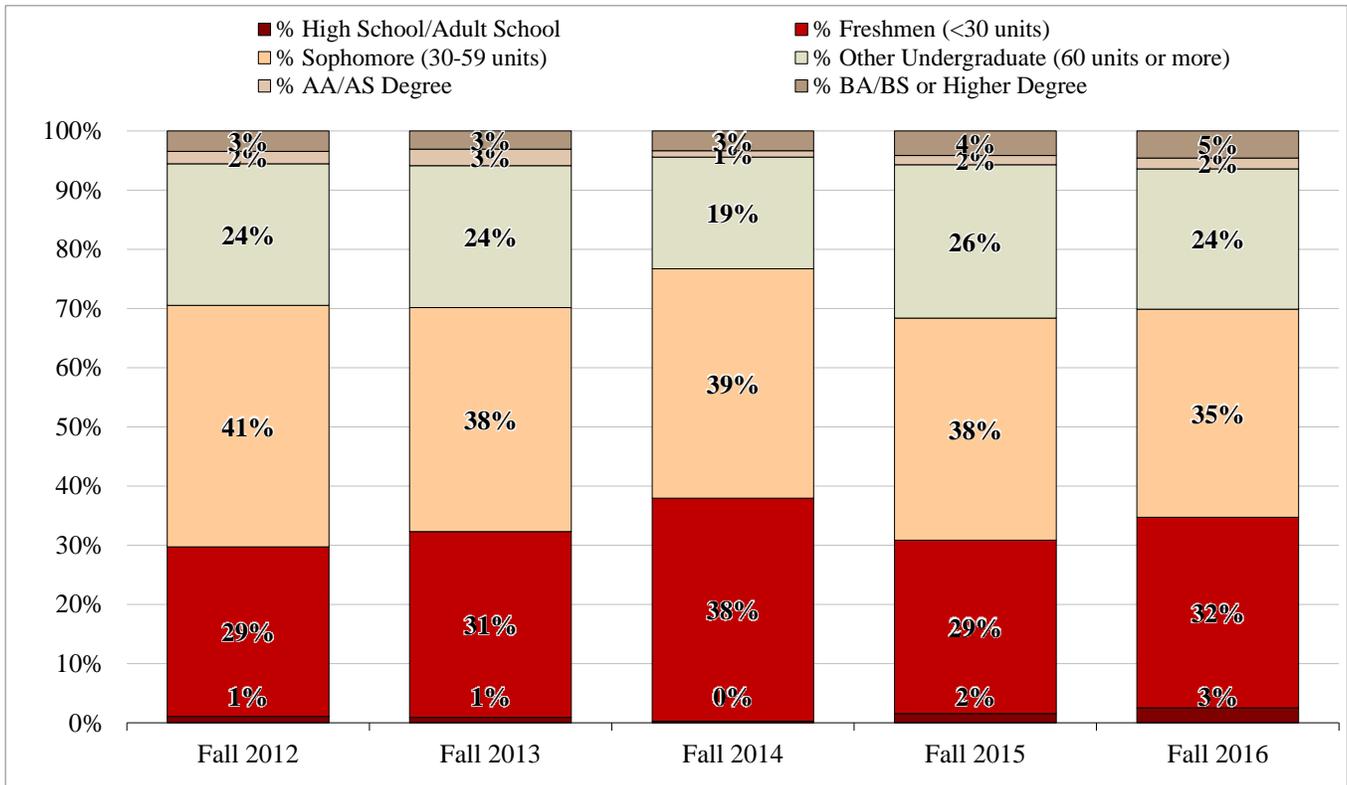
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

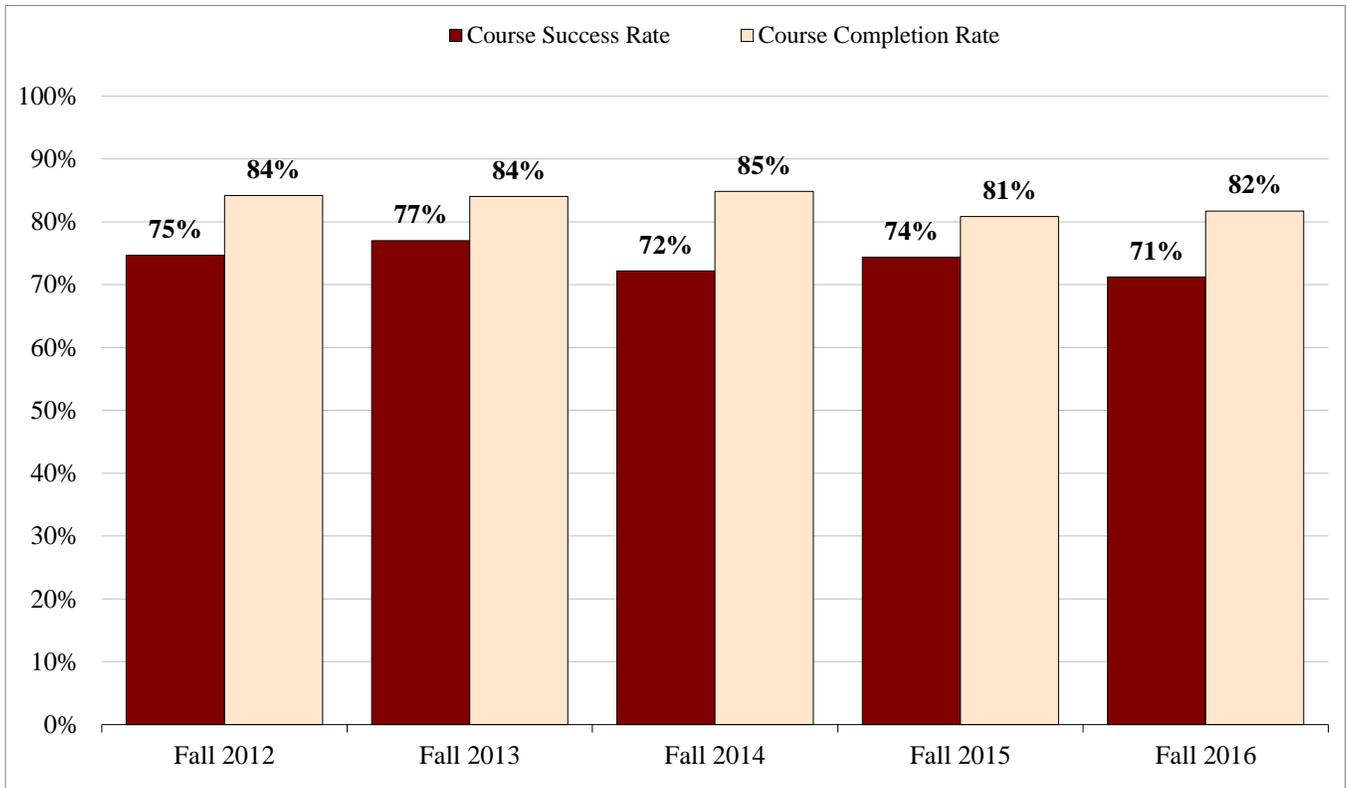
Highest Educational Level of Students

Chemistry (CHEM)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
High School/Adult School	4	3	1	6	11
Freshmen (<30 units)	108	102	136	113	141
Sophomore (30-59 units)	154	123	140	145	154
Other Undergraduate (60 units or more)	90	78	68	100	104
AA/AS Degree	8	9	4	6	8
BA/BS or Higher Degree	13	10	12	16	20
% High School/Adult School	1%	1%	<1%	2%	3%
% Freshmen (<30 units)	29%	31%	38%	29%	32%
% Sophomore (30-59 units)	41%	38%	39%	38%	35%
% Other Undergraduate (60 units or more)	24%	24%	19%	26%	24%
% AA/AS Degree	2%	3%	1%	2%	2%
% BA/BS or Higher Degree	3%	3%	3%	4%	5%



Student Performance

Chemistry (CHEM)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Course Success Rate	75%	77%	72%	74%	71%
Course Completion Rate	84%	84%	85%	81%	82%



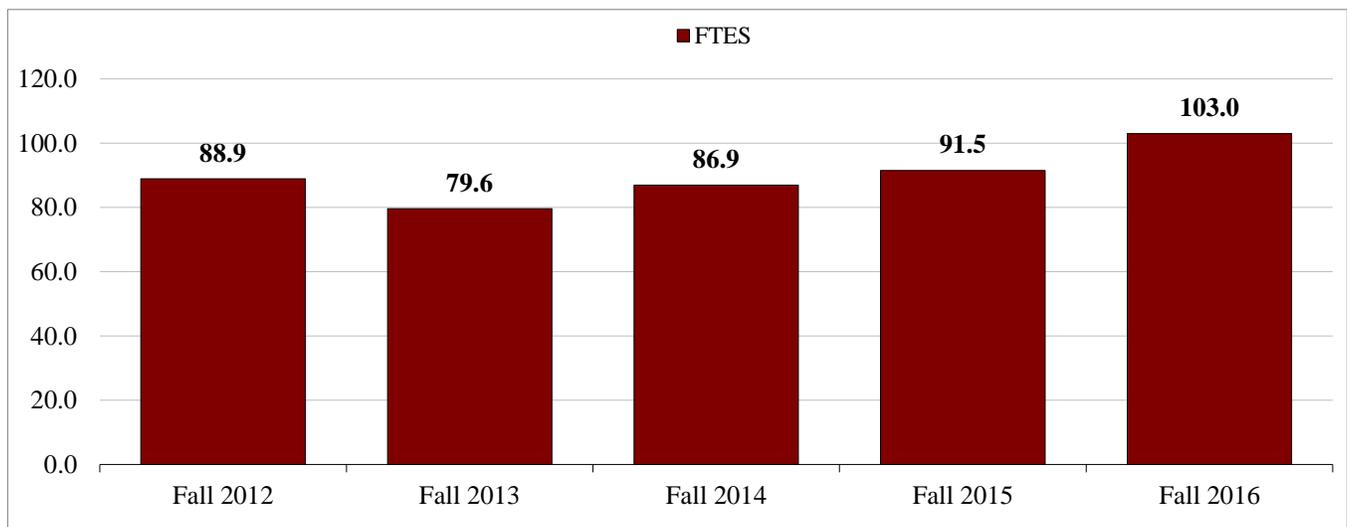
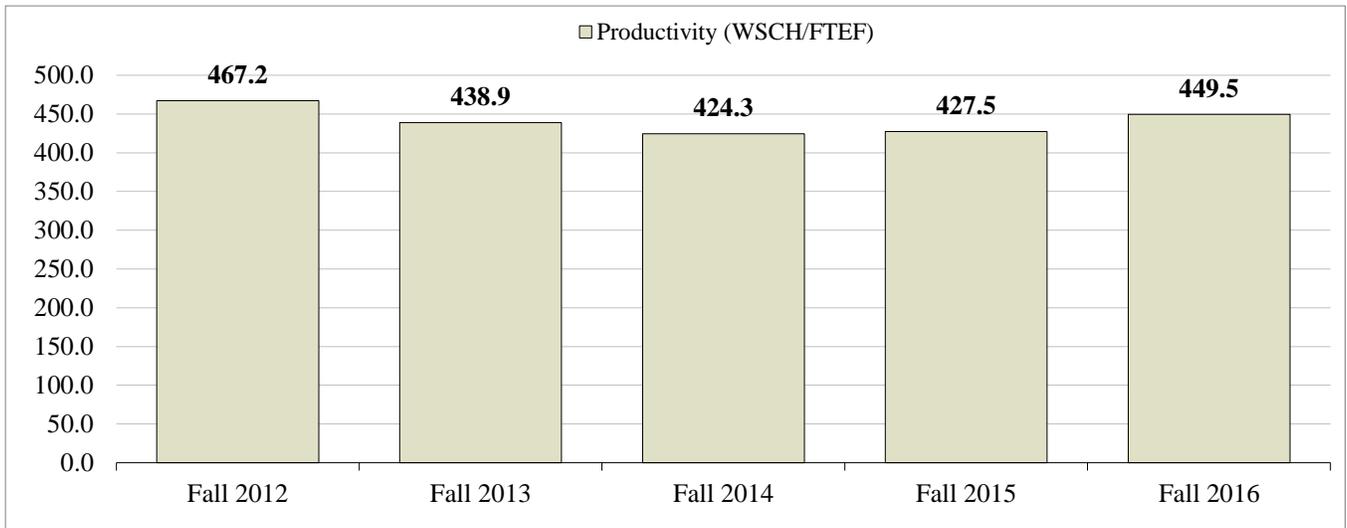
Definitions:

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

Chemistry (CHEM)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
WSCH	2,745	2,425	2,652	2,832	3,225
FTES	88.9	79.6	86.9	91.5	103.0
FTEF	5.9	5.5	6.3	6.6	7.2
Productivity (WSCH/FTEF)	467.2	438.9	424.3	427.5	449.5



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.

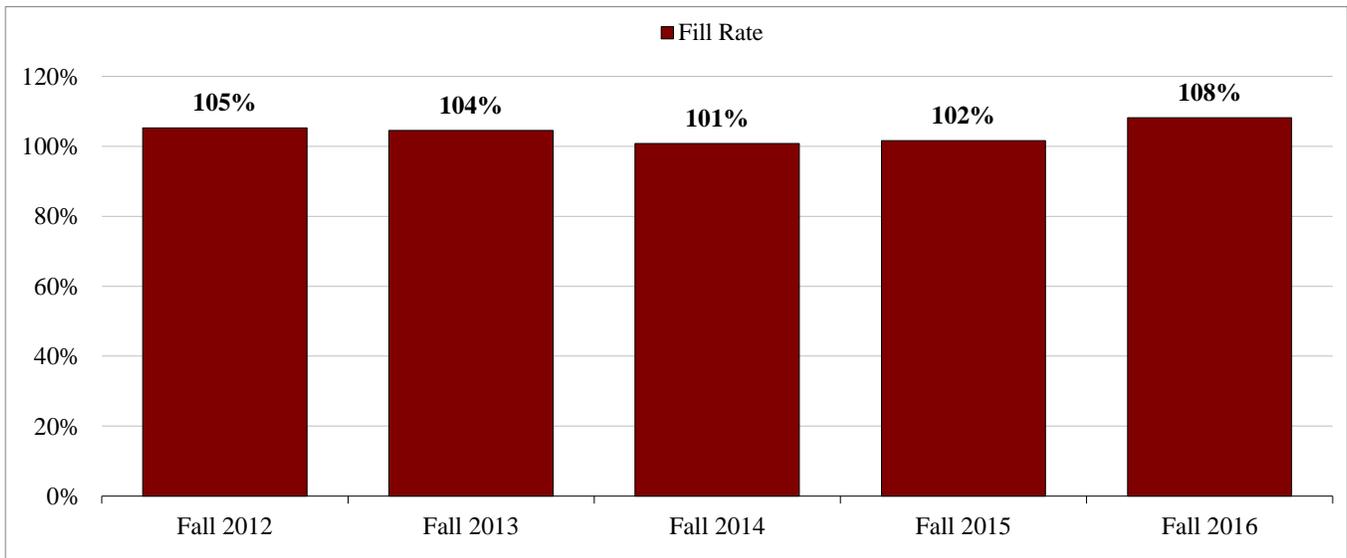
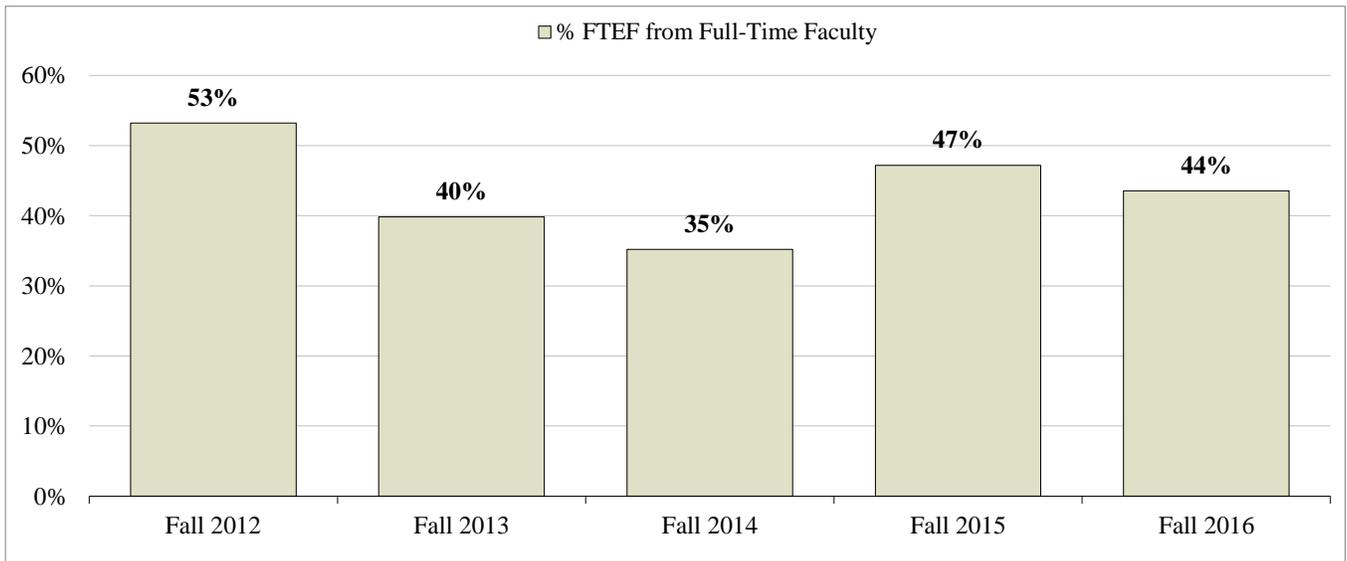
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

Chemistry (CHEM)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
FTEF from Full-Time Faculty	3.1	2.2	2.2	3.1	3.1
% FTEF from Full-Time Faculty	53%	40%	35%	47%	44%
Enrollments	379	326	363	386	438
Capacity (seats available)	360	312	360	380	405
Fill Rate	105%	104%	101%	102%	108%



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.