



Las Positas College
Program Review Discipline Data Packet
Spring 2013 to Spring 2017

Discipline:

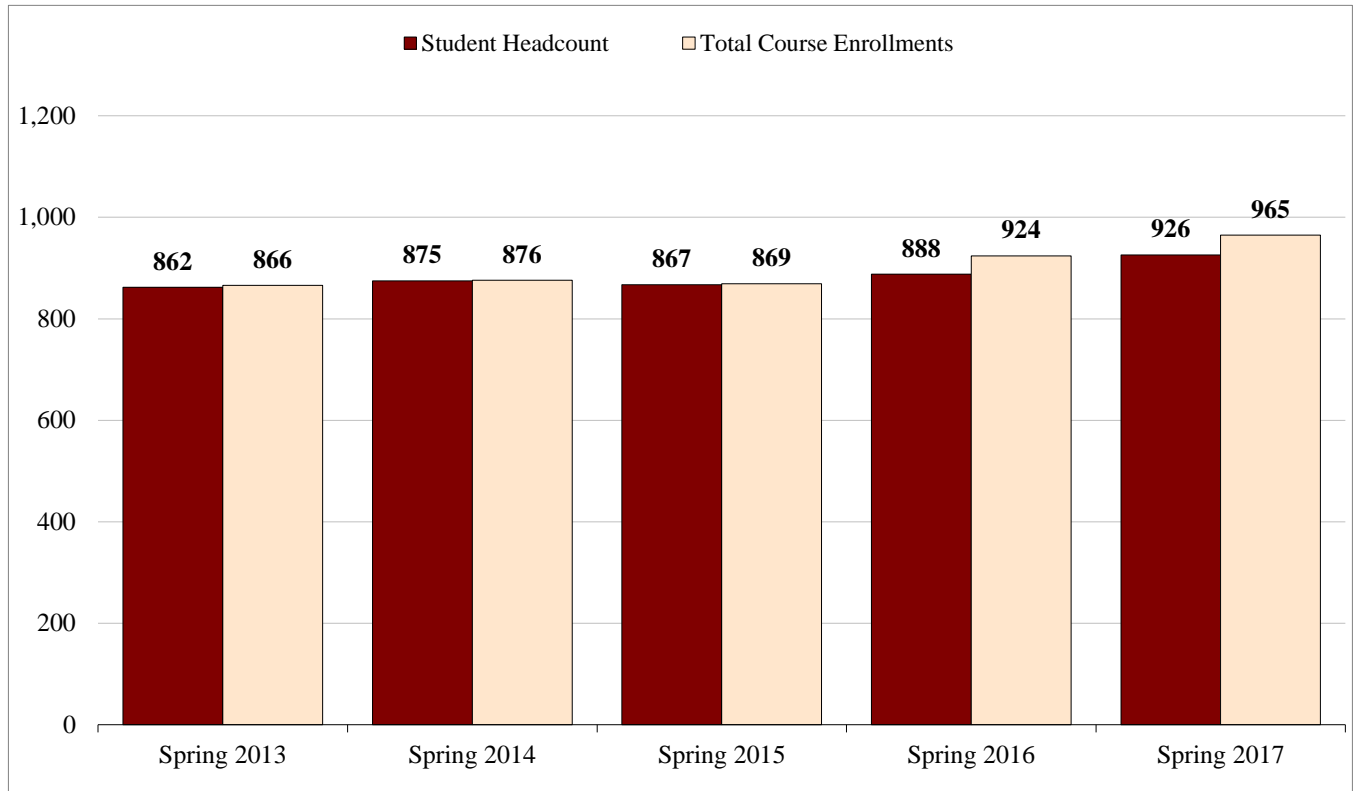
Biology (BIO*)

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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				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Student Headcount	862	875	867	888	926
Total Course Enrollments	866	876	869	924	965



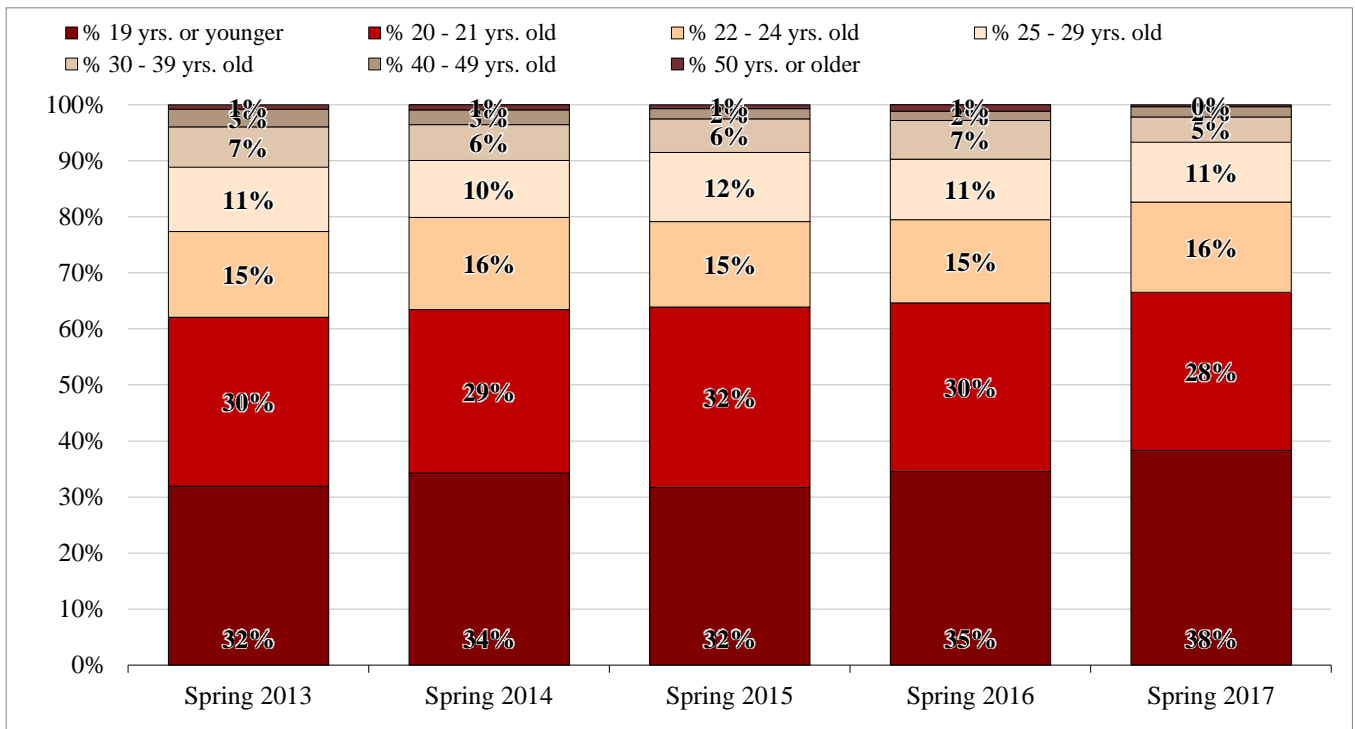
Definitions:

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.

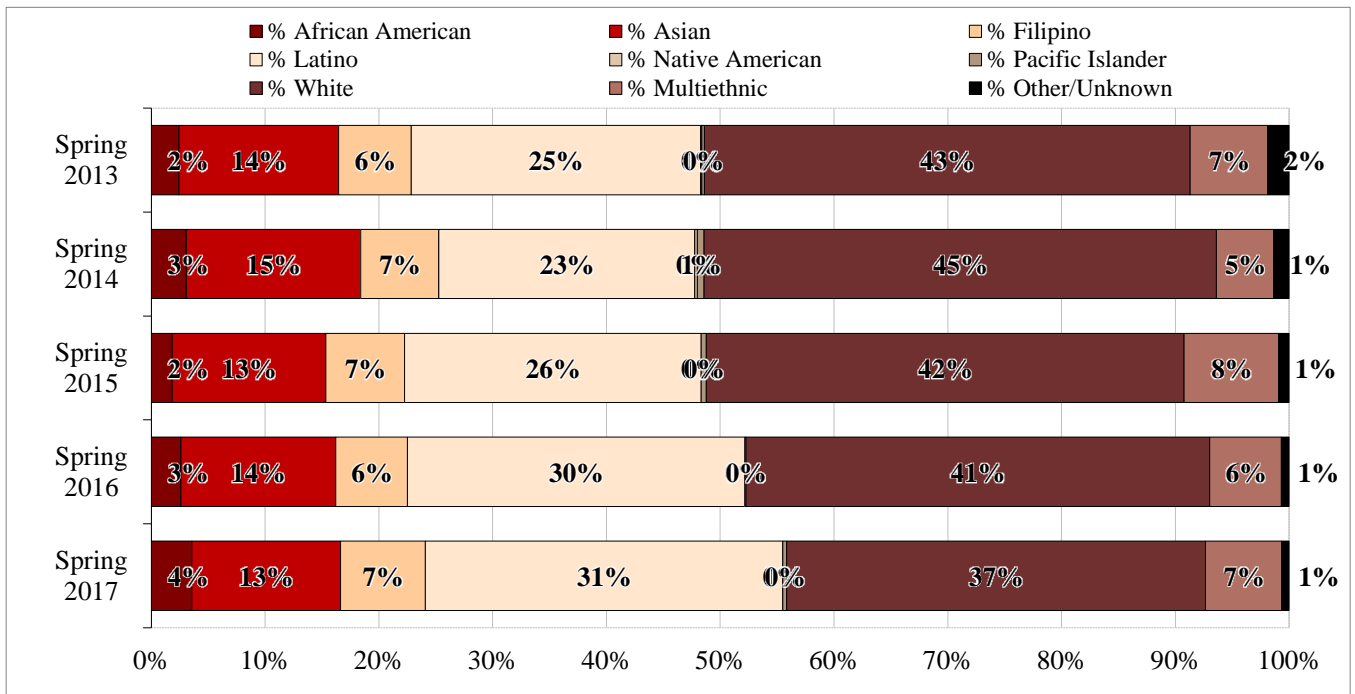
Student Demographics: Gender & Age

Biology (BIO*)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Female	522	491	526	524	566
Male	337	380	333	353	347
19 yrs. or younger	275	300	275	307	355
20-21 yrs. old	260	255	279	267	261
22-24 yrs. old	132	144	132	132	149
25-29 yrs. old	99	89	107	96	99
30-39 yrs. old	62	56	52	61	42
40-49 yrs. old	27	23	16	15	17
50 yrs. or older	7	8	6	10	3
% Female	61%	56%	61%	60%	62%
% Male	39%	44%	39%	40%	38%
% 19 yrs. or younger	32%	34%	32%	35%	38%
% 20 - 21 yrs. old	30%	29%	32%	30%	28%
% 22 - 24 yrs. old	15%	16%	15%	15%	16%
% 25 - 29 yrs. old	11%	10%	12%	11%	11%
% 30 - 39 yrs. old	7%	6%	6%	7%	5%
% 40 - 49 yrs. old	3%	3%	2%	2%	2%
% 50 yrs. or older	1%	1%	1%	1%	<1%



Student Demographic: Race-Ethnicity

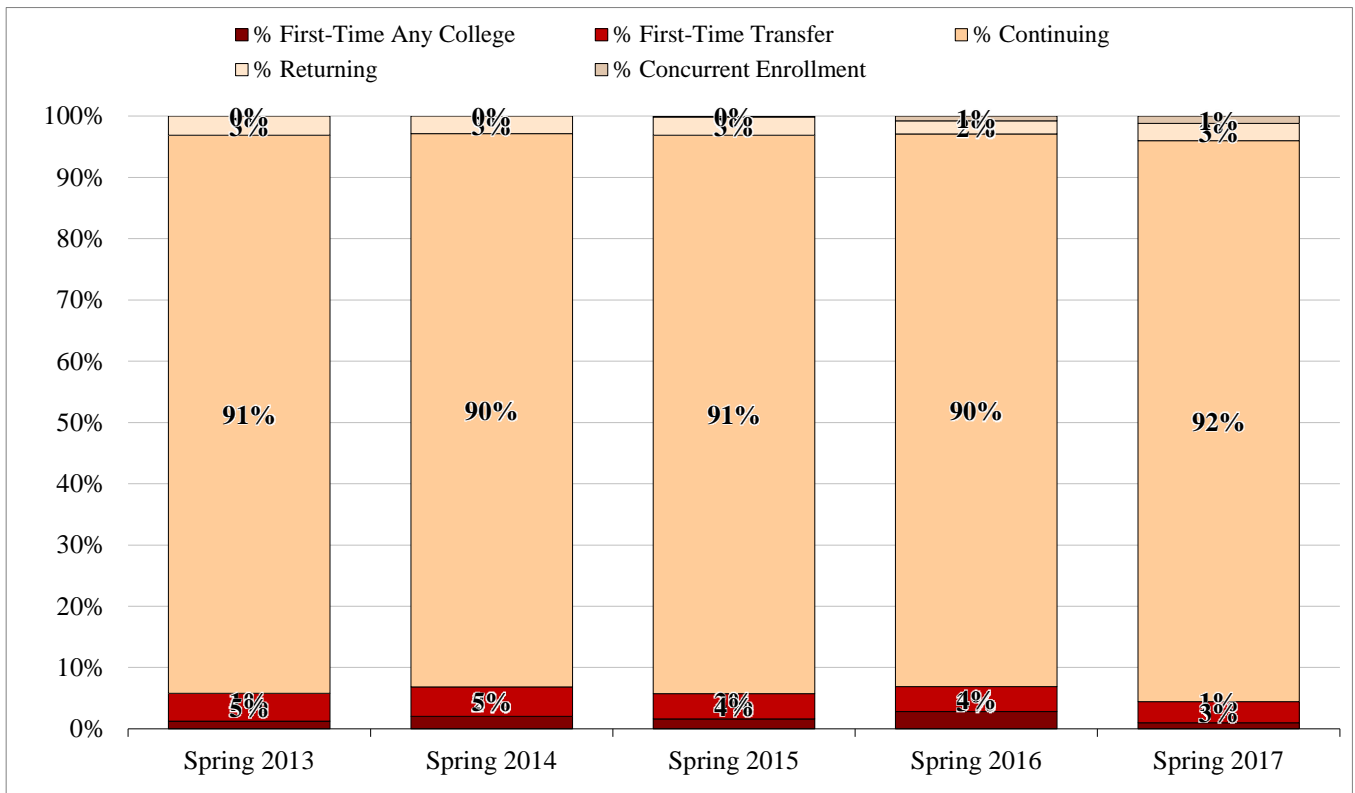
Biology (BIO*)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
African American	21	27	16	23	33
Asian	121	134	117	121	121
Filipino	55	60	60	56	69
Latino	219	197	226	263	291
Native American	1	2	0	1	0
Pacific Islander	2	5	4	0	3
White	368	394	364	362	341
Multiethnic	59	44	72	56	62
Other/Unknown	16	12	8	6	6
% African American	2%	3%	2%	3%	4%
% Asian	14%	15%	13%	14%	13%
% Filipino	6%	7%	7%	6%	7%
% Latino	25%	23%	26%	30%	31%
% Native American	<1%	<1%	0%	<1%	0%
% Pacific Islander	<1%	1%	<1%	0%	<1%
% White	43%	45%	42%	41%	37%
% Multiethnic	7%	5%	8%	6%	7%
% Other/Unknown	2%	1%	1%	1%	1%



Note: Multiethnic category became available in Fall 2011.

Student Enrollment Status

Biology (BIO*)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
First-Time Any College	11	18	14	25	9
First-Time Transfer	39	42	36	36	32
Continuing	785	790	790	801	847
Returning	27	25	26	19	26
Concurrent Enrollment	0	0	1	7	11
% First-Time Any College	1%	2%	2%	3%	1%
% First-Time Transfer	5%	5%	4%	4%	3%
% Continuing	91%	90%	91%	90%	92%
% Returning	3%	3%	3%	2%	3%
% Concurrent Enrollment	0%	0%	<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.

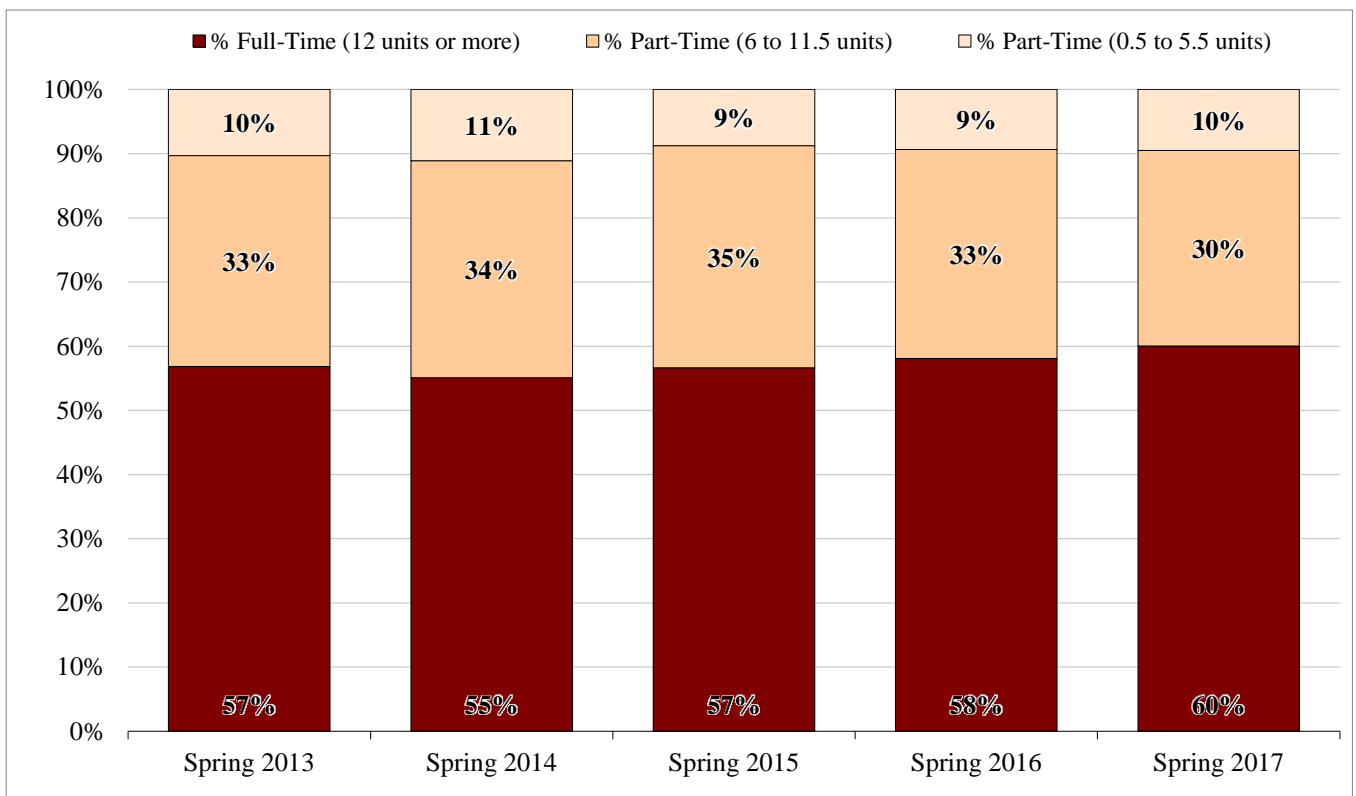
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

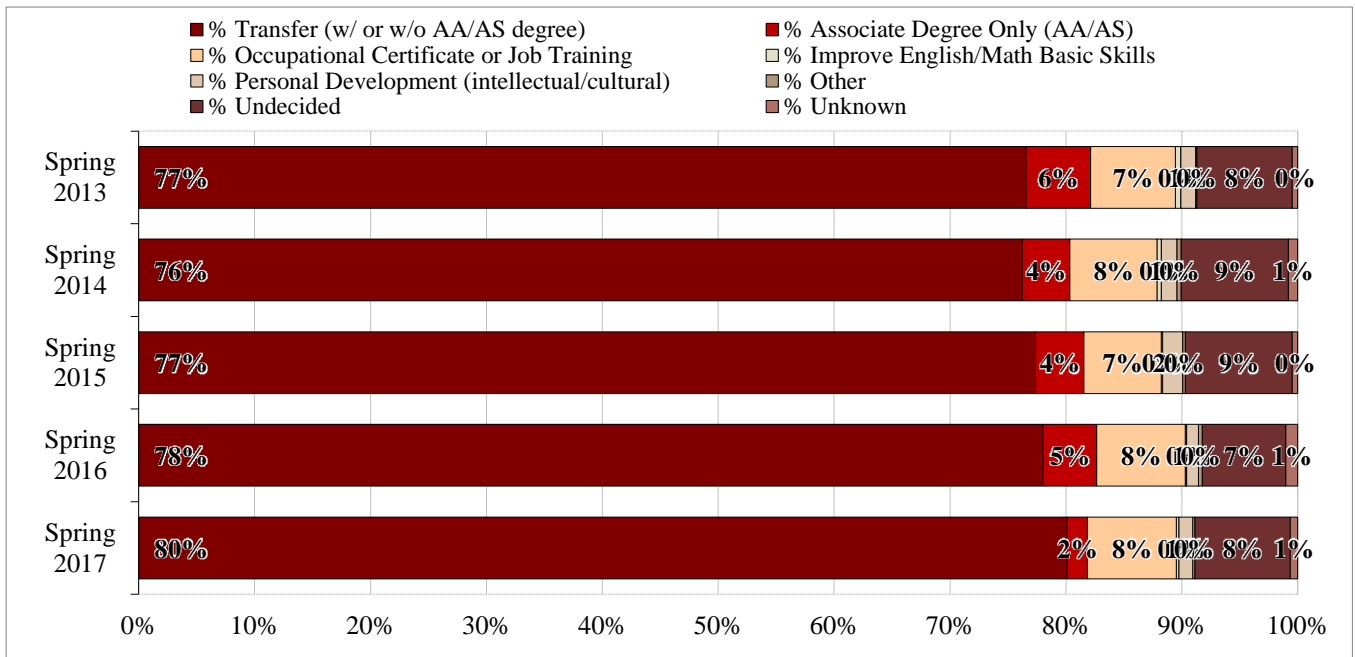
Student Unit Load

Biology (BIO*)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Full-Time (12 units or more)	490	482	491	516	556
Part-Time (6 to 11.5 units)	283	296	300	289	282
Part-Time (0.5 to 5.5 units)	89	97	76	83	88
% Full-Time (12 units or more)	57%	55%	57%	58%	60%
% Part-Time (6 to 11.5 units)	33%	34%	35%	33%	30%
% Part-Time (0.5 to 5.5 units)	10%	11%	9%	9%	10%



Student Educational Goal

Biology (BIO*)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Transfer (w/ or w/o AA/AS degree)	660	667	671	693	742
Associate Degree Only (AA/AS)	48	36	36	41	16
Occupational Certificate or Job Training	63	66	58	68	71
Improve English/Math Basic Skills	4	3	1	1	2
Personal Development (intellectual/cultural)	11	12	15	9	11
Other	1	3	2	3	2
Undecided	71	81	80	64	76
Unknown	4	7	4	9	6
% Transfer (w/ or w/o AA/AS degree)	77%	76%	77%	78%	80%
% Associate Degree Only (AA/AS)	6%	4%	4%	5%	2%
% Occupational Certificate or Job Training	7%	8%	7%	8%	8%
% Improve English/Math Basic Skills	<1%	<1%	<1%	<1%	<1%
% Personal Development (intellectual/cultural)	1%	1%	2%	1%	1%
% Other	<1%	<1%	<1%	<1%	<1%
% Undecided	8%	9%	9%	7%	8%
% 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.

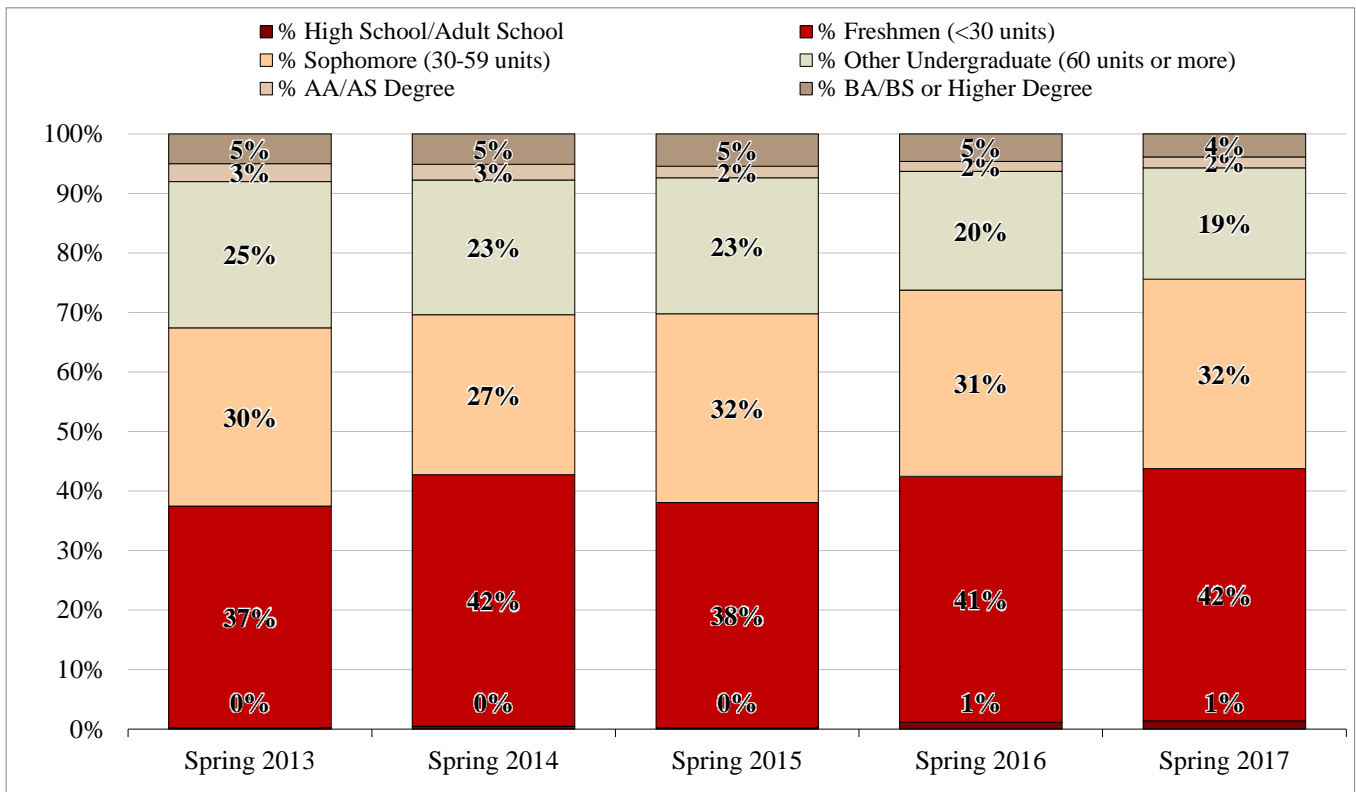
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

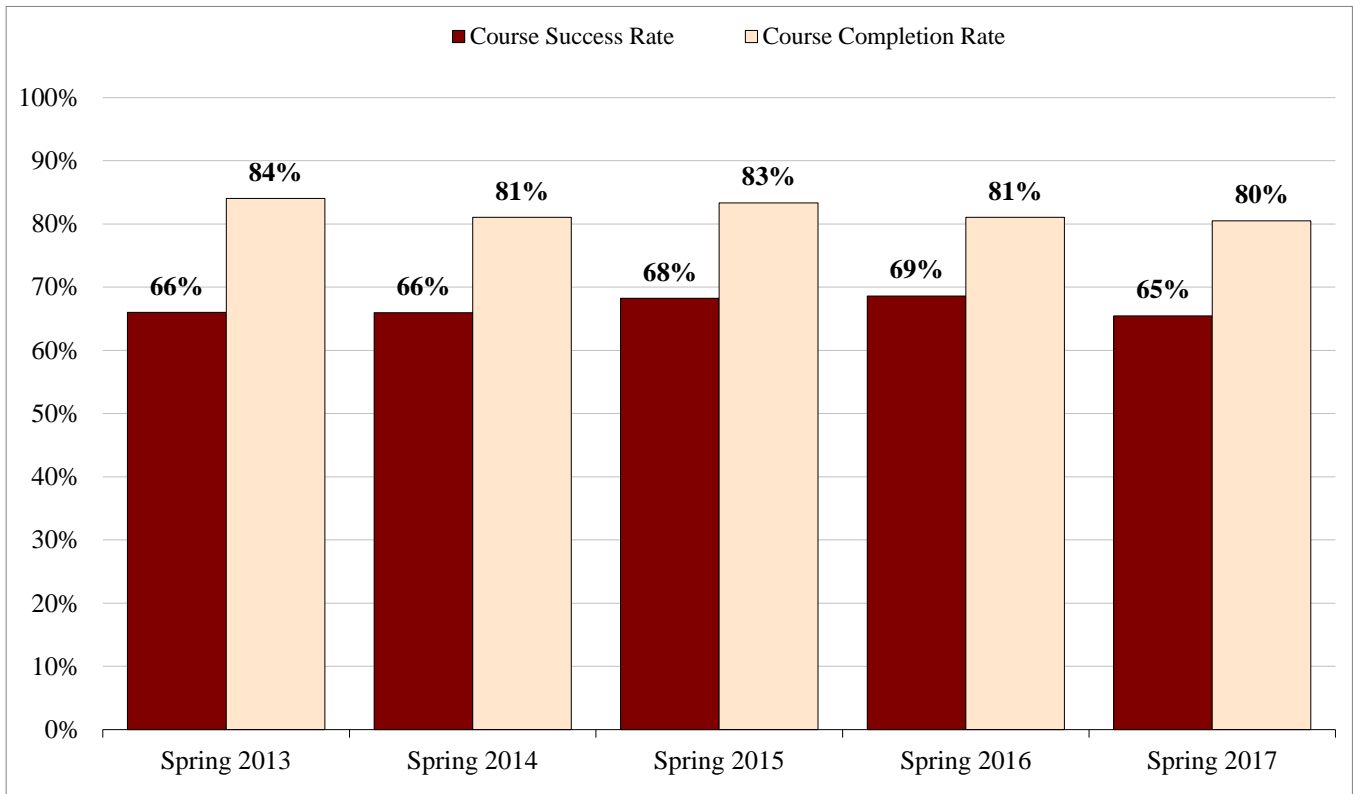
Highest Educational Level of Students

Biology (BIO*)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
High School/Adult School	2	4	2	10	13
Freshmen (<30 units)	321	370	328	367	392
Sophomore (30-59 units)	258	235	275	278	295
Other Undergraduate (60 units or more)	212	198	198	177	173
AA/AS Degree	26	23	17	15	17
BA/BS or Higher Degree	43	45	47	41	36
% High School/Adult School	<1%	<1%	<1%	1%	1%
% Freshmen (<30 units)	37%	42%	38%	41%	42%
% Sophomore (30-59 units)	30%	27%	32%	31%	32%
% Other Undergraduate (60 units or more)	25%	23%	23%	20%	19%
% AA/AS Degree	3%	3%	2%	2%	2%
% BA/BS or Higher Degree	5%	5%	5%	5%	4%



Student Performance

Biology (BIO*)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Course Success Rate	66%	66%	68%	69%	65%
Course Completion Rate	84%	81%	83%	81%	80%



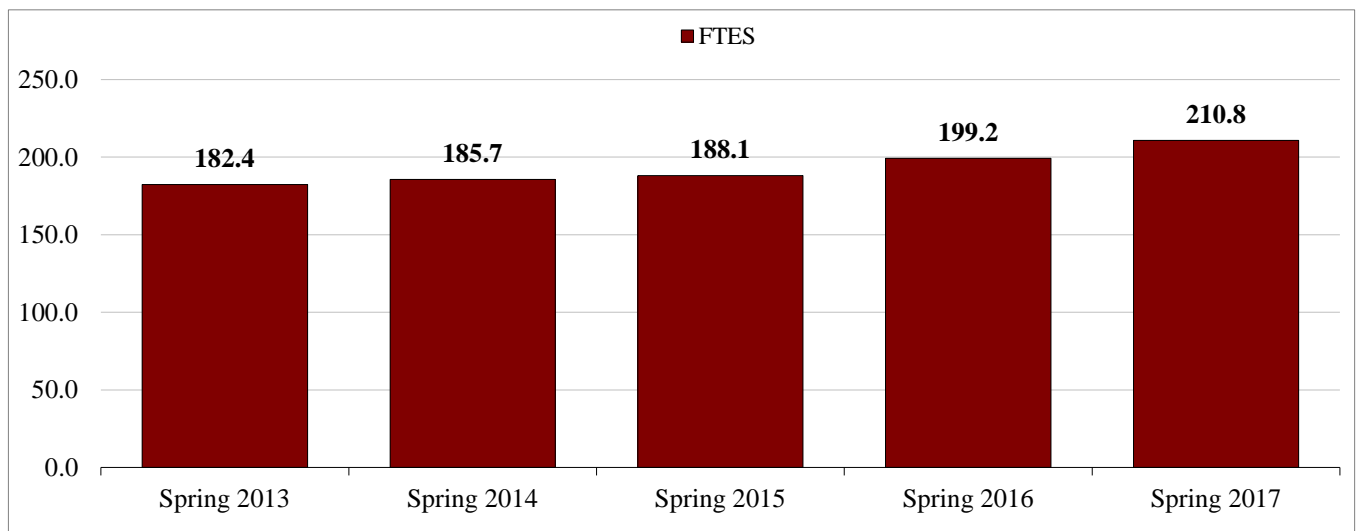
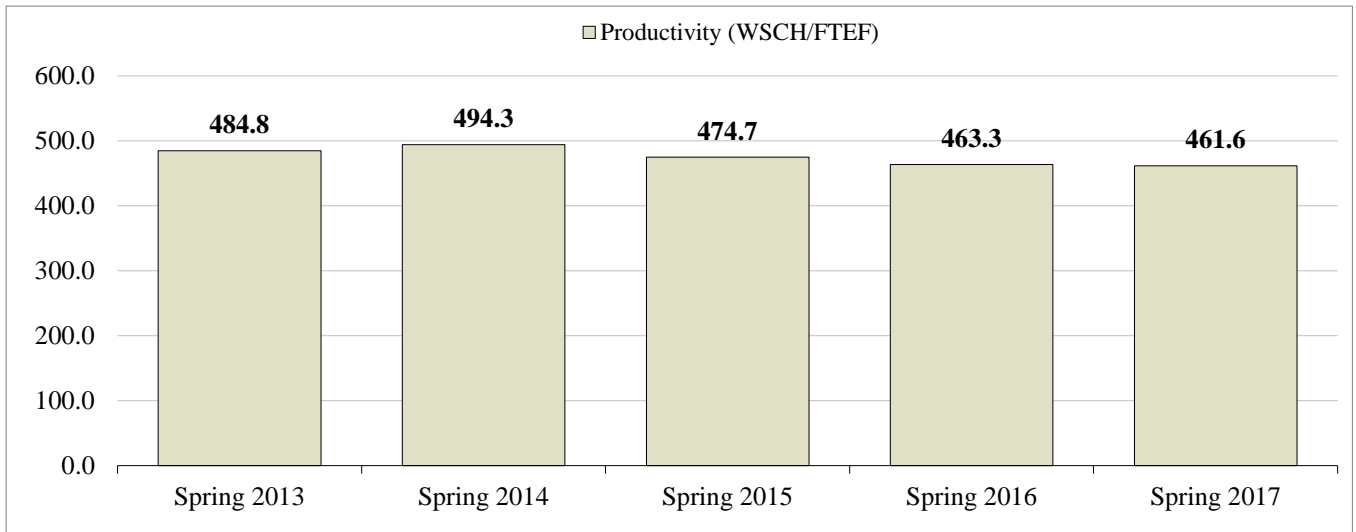
Definitions:

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				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
WSCH	5,561	5,655	5,678	6,042	6,435
FTES	182.4	185.7	188.1	199.2	210.8
FTEF	11.5	11.4	12.0	13.0	13.9
Productivity (WSCH/FTEF)	484.8	494.3	474.7	463.3	461.6



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.

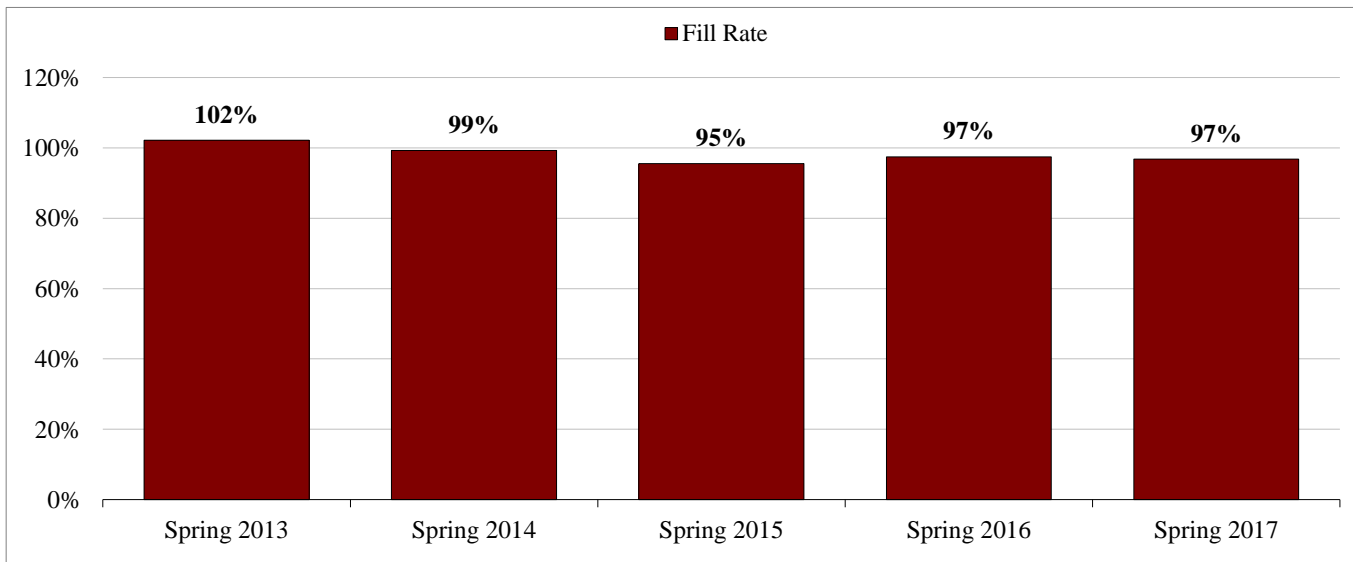
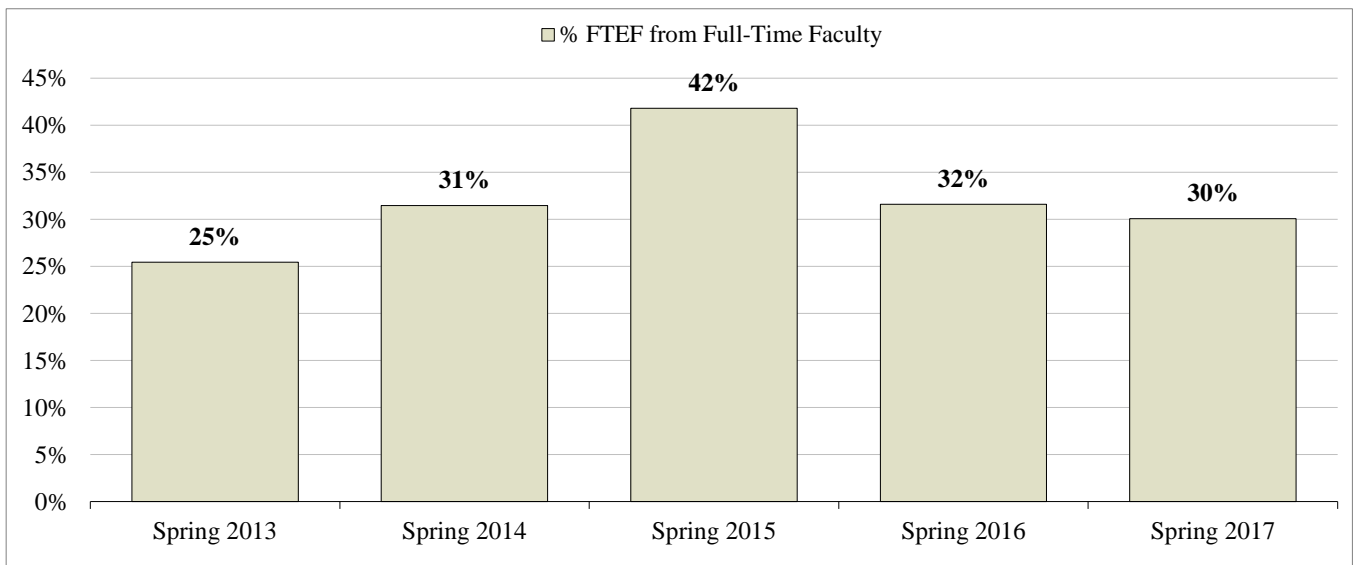
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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 7/11/17.

Enrollment Management: Part 2

Biology (BIO*)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
FTEF from Full-Time Faculty	2.9	3.6	5.0	4.1	4.2
% FTEF from Full-Time Faculty	25%	31%	42%	32%	30%
Enrollments	866	876	869	924	965
Capacity (seats available)	848	883	910	948	997
Fill Rate	102%	99%	95%	97%	97%



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 7/11/17.