



Las Positas College
Program Review Discipline Data Packet
Spring 2016 to Spring 2020

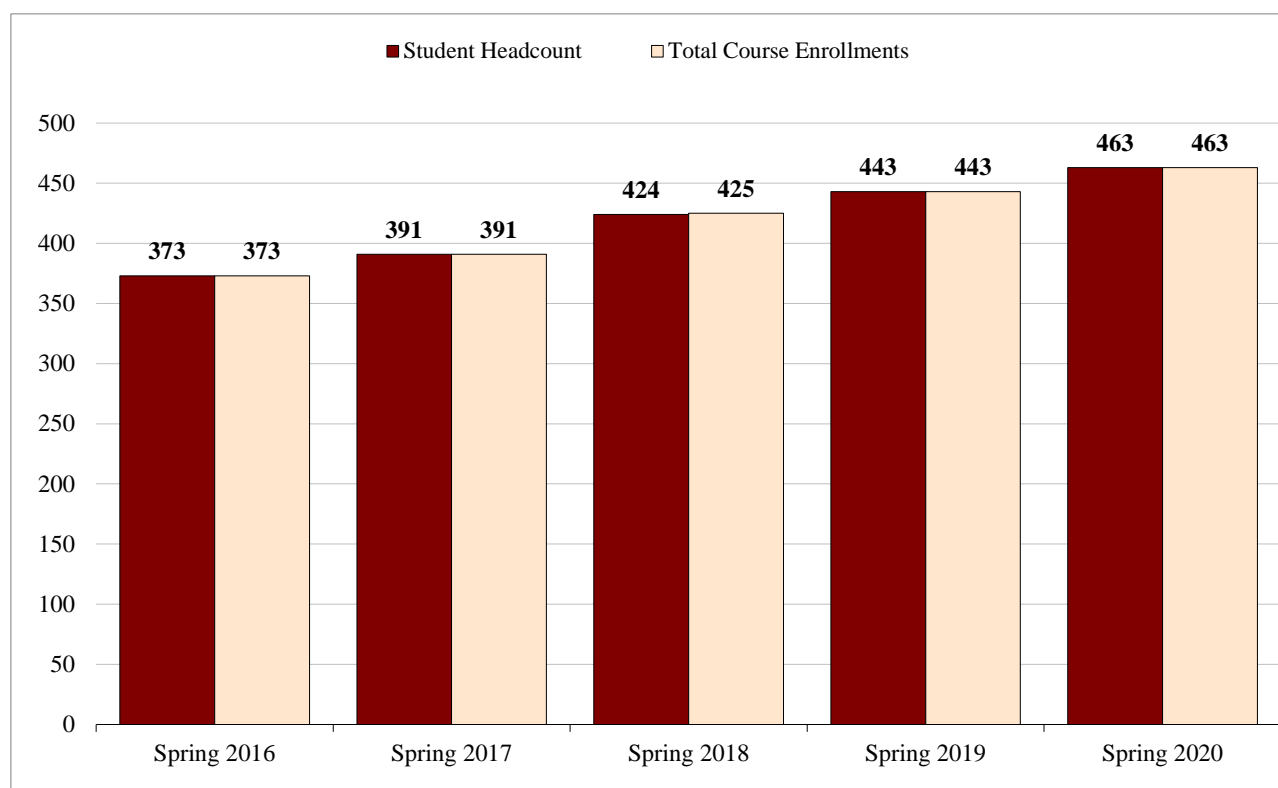
Discipline:
Chemistry (CHEM)

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NOTE: ^ next to rubric / subject code indicates that the report combines data for related credit and non-credit rubrics

Headcount & Enrollment

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Student Headcount	373	391	424	443	463
Total Course Enrollments	373	391	425	443	463



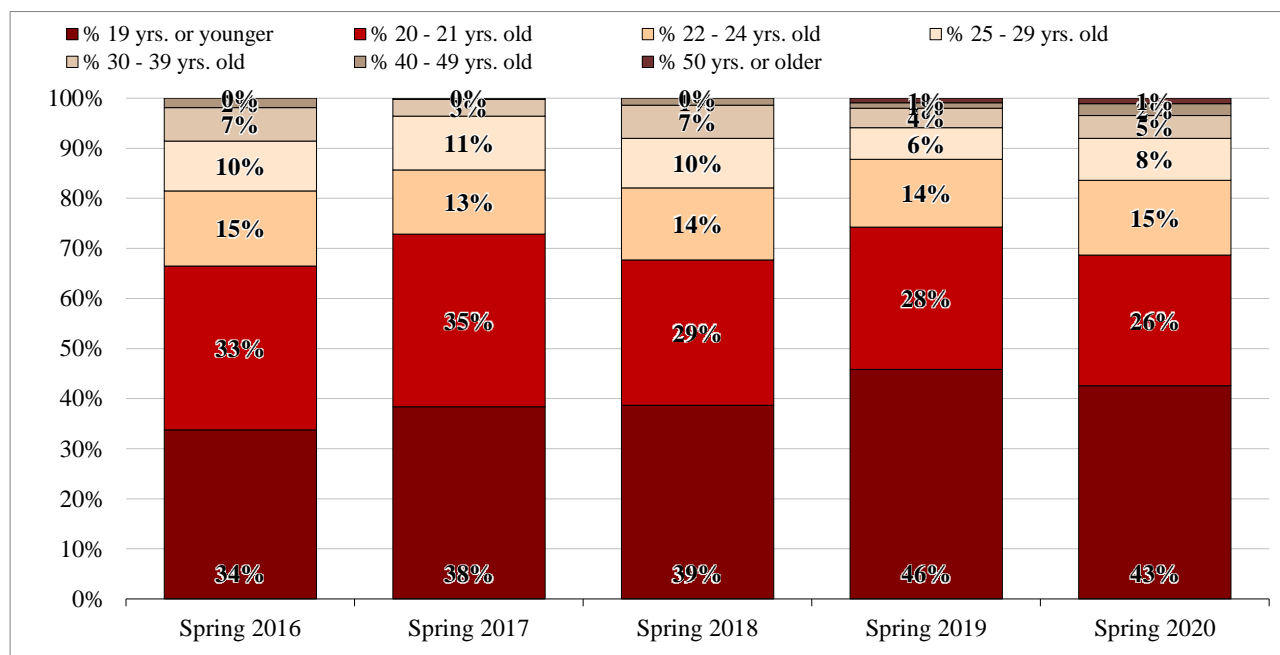
Definitions:

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.

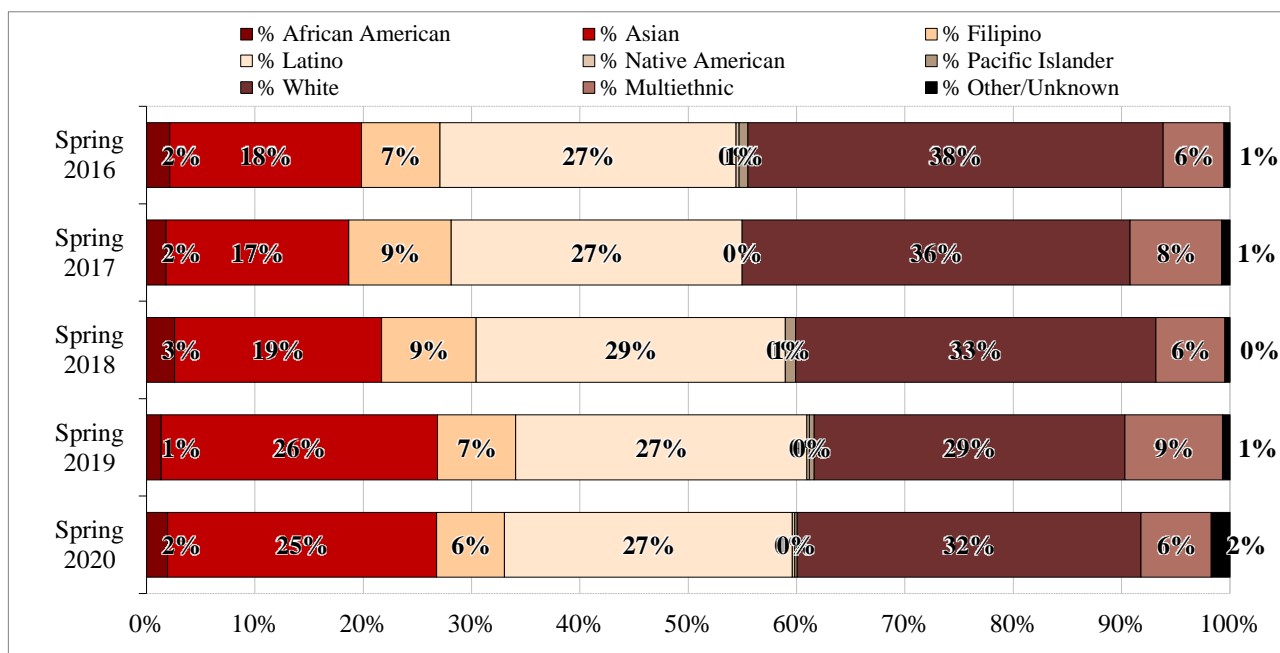
Student Demographics: Gender & Age

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Female	211	216	225	242	262
Male	162	171	194	191	194
19 yrs. or younger	126	150	164	203	197
20-21 yrs. old	122	135	123	126	121
22-24 yrs. old	56	50	61	60	69
25-29 yrs. old	37	42	42	28	39
30-39 yrs. old	25	13	28	17	21
40-49 yrs. old	7	1	6	5	11
50 yrs. or older	0	0	0	4	5
% Female	57%	56%	54%	56%	57%
% Male	43%	44%	46%	44%	43%
% 19 yrs. or younger	34%	38%	39%	46%	43%
% 20 - 21 yrs. old	33%	35%	29%	28%	26%
% 22 - 24 yrs. old	15%	13%	14%	14%	15%
% 25 - 29 yrs. old	10%	11%	10%	6%	8%
% 30 - 39 yrs. old	7%	3%	7%	4%	5%
% 40 - 49 yrs. old	2%	<1%	1%	1%	2%
% 50 yrs. or older	0%	0%	0%	1%	1%



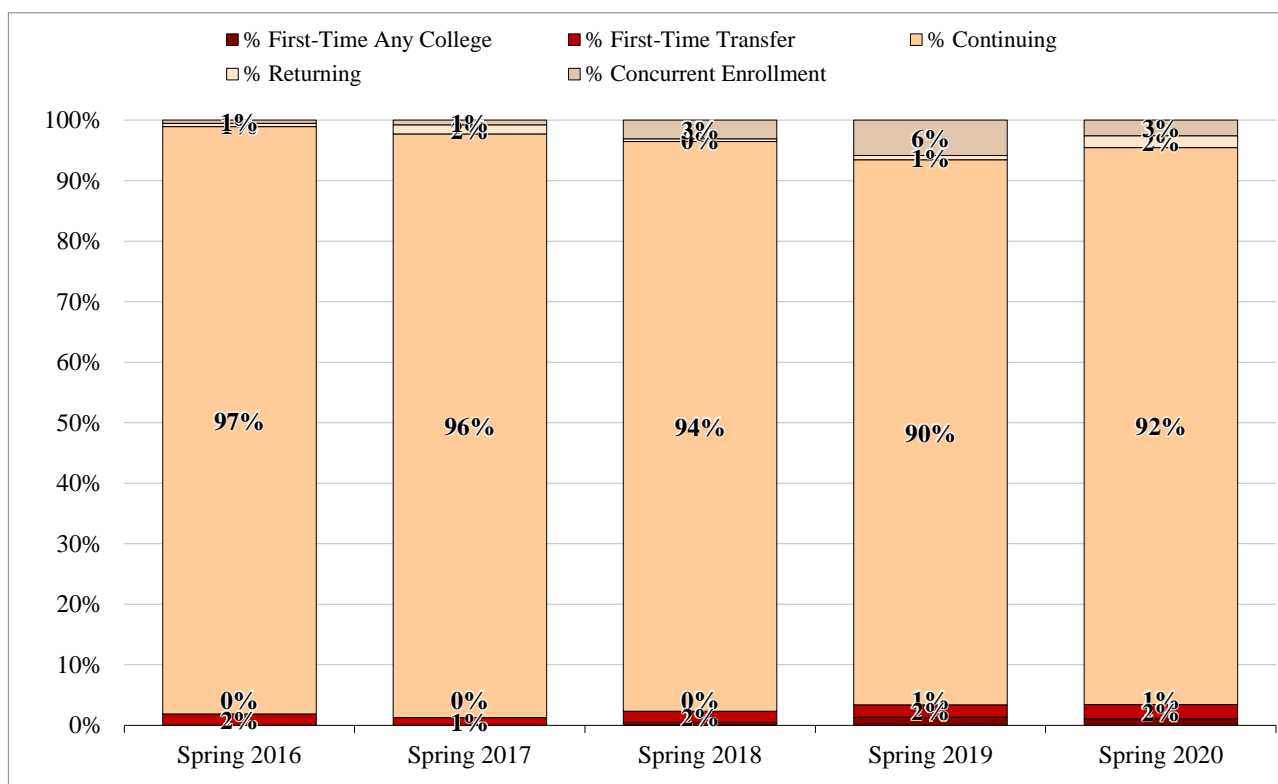
Student Demographic: Race-Ethnicity

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
African American	8	7	11	6	9
Asian	66	66	81	113	115
Filipino	27	37	37	32	29
Latino	102	105	121	119	123
Native American	1	0	0	1	1
Pacific Islander	3	0	4	2	1
White	143	140	141	127	147
Multiethnic	21	33	27	40	30
Other/Unknown	2	3	2	3	8
% African American	2%	2%	3%	1%	2%
% Asian	18%	17%	19%	26%	25%
% Filipino	7%	9%	9%	7%	6%
% Latino	27%	27%	29%	27%	27%
% Native American	<1%	0%	0%	<1%	<1%
% Pacific Islander	1%	0%	1%	<1%	<1%
% White	38%	36%	33%	29%	32%
% Multiethnic	6%	8%	6%	9%	6%
% Other/Unknown	1%	1%	<1%	1%	2%



Student Enrollment Status

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
First-Time Any College	0	0	2	6	5
First-Time Transfer	7	5	8	9	11
Continuing	362	377	399	399	426
Returning	2	6	2	3	9
Concurrent Enrollment	2	3	13	26	12
% First-Time Any College	0%	0%	<1%	1%	1%
% First-Time Transfer	2%	1%	2%	2%	2%
% Continuing	97%	96%	94%	90%	92%
% Returning	1%	2%	<1%	1%	2%
% Concurrent Enrollment	1%	1%	3%	6%	3%



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.

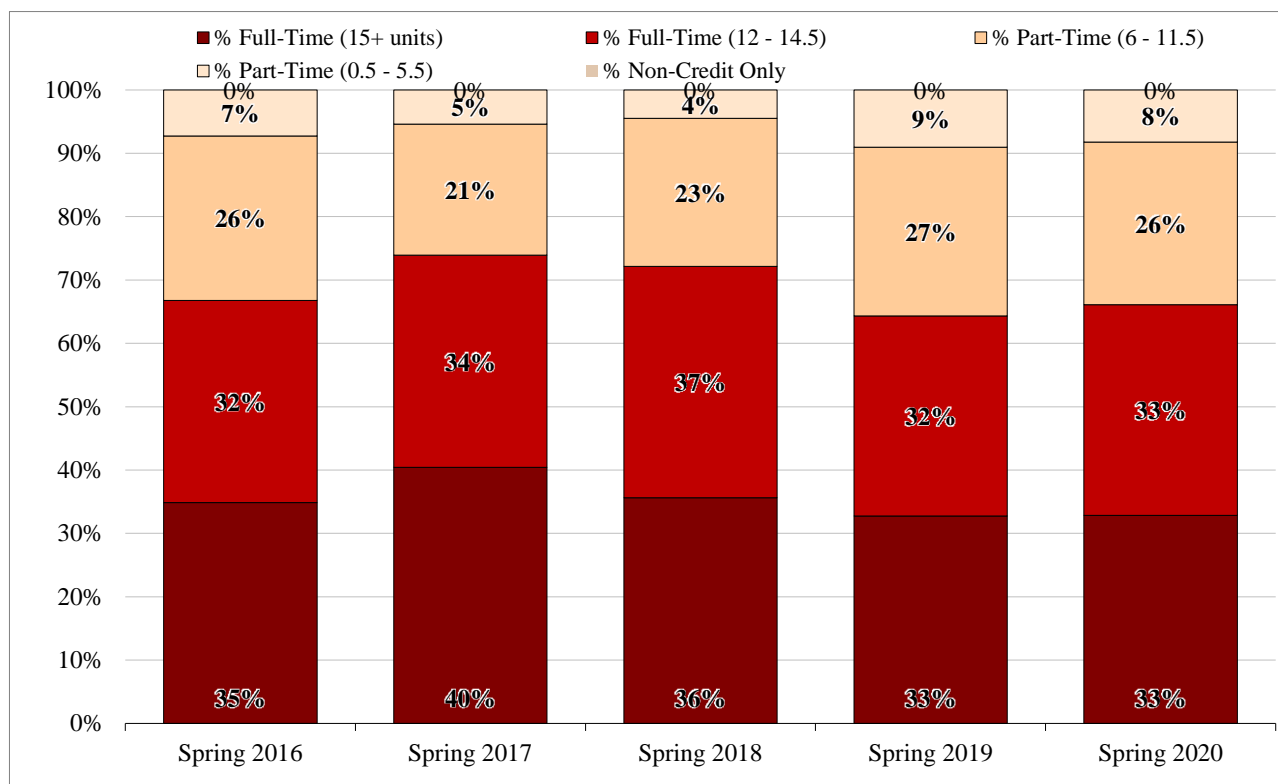
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

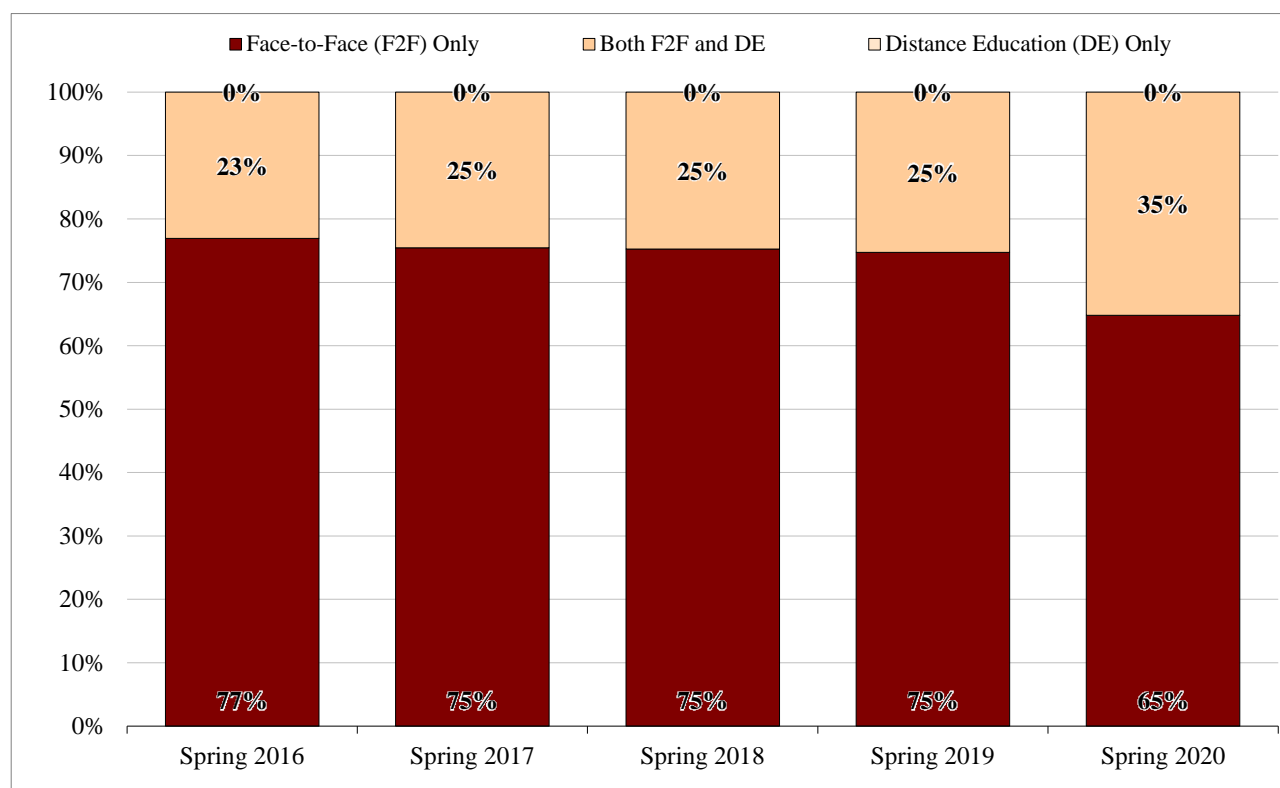
Student Unit Load

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Full-Time (15+ units)	130	158	151	145	152
Full-Time (12 - 14.5)	119	131	155	140	154
Part-Time (6 - 11.5)	97	81	99	118	119
Part-Time (0.5 - 5.5)	27	21	19	40	38
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	35%	40%	36%	33%	33%
% Full-Time (12 - 14.5)	32%	34%	37%	32%	33%
% Part-Time (6 - 11.5)	26%	21%	23%	27%	26%
% Part-Time (0.5 - 5.5)	7%	5%	4%	9%	8%
% Non-Credit Only	0%	0%	0%	0%	0%



Students Using Distance Education

Chemistry (CHEM)					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Face-to-Face (F2F) Only	287	295	319	331	300
Both F2F and DE	86	96	105	112	163
Distance Education (DE) Only	0	0	0	0	0
% Face-to-Face (F2F) Only	77%	75%	75%	75%	65%
% Both F2F and DE	23%	25%	25%	25%	35%
% Distance Education (DE) Only	0%	0%	0%	0%	0%

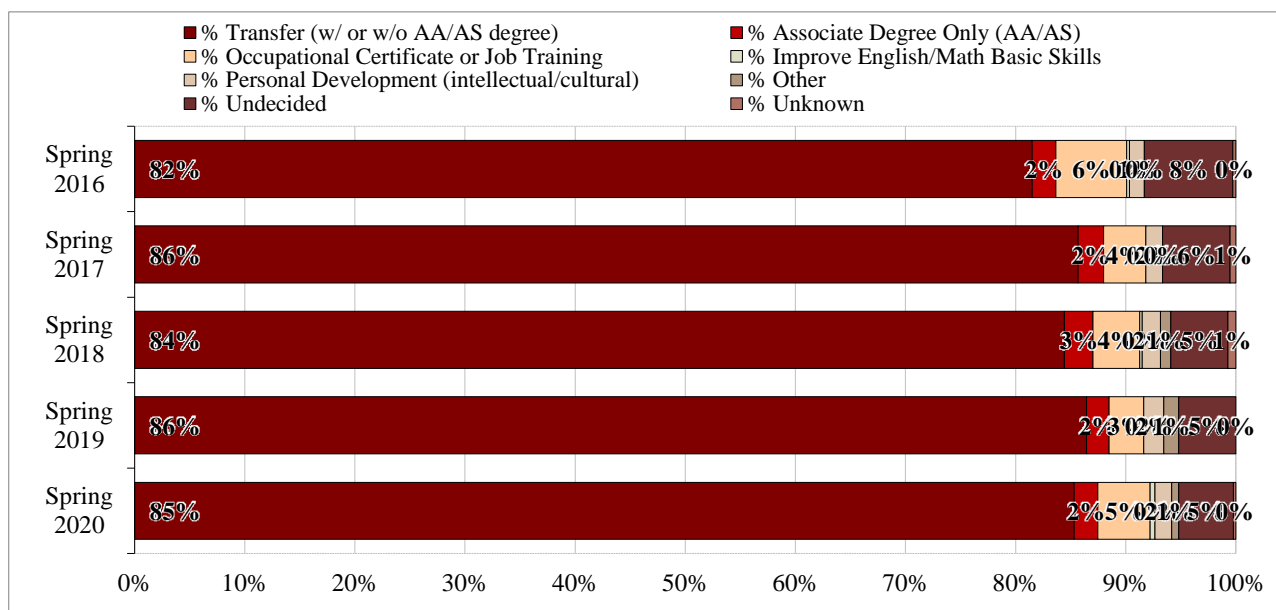


Definitions:

Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

Student Educational Goal

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Transfer (w/ or w/o AA/AS degree)	304	335	358	383	395
Associate Degree Only (AA/AS)	8	9	11	9	10
Occupational Certificate or Job Training	24	15	18	14	22
Improve English/Math Basic Skills	1	0	1	0	2
Personal Development (intellectual/cultural)	5	6	7	8	7
Other	0	0	4	6	3
Undecided	30	24	22	23	23
Unknown	1	2	3	0	1
% Transfer (w/ or w/o AA/AS degree)	82%	86%	84%	86%	85%
% Associate Degree Only (AA/AS)	2%	2%	3%	2%	2%
% Occupational Certificate or Job Training	6%	4%	4%	3%	5%
% Improve English/Math Basic Skills	<1%	0%	<1%	0%	<1%
% Personal Development (intellectual/cultural)	1%	2%	2%	2%	2%
% Other	0%	0%	1%	1%	1%
% Undecided	8%	6%	5%	5%	5%
% Unknown	<1%	1%	1%	0%	<1%



Definitions:

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

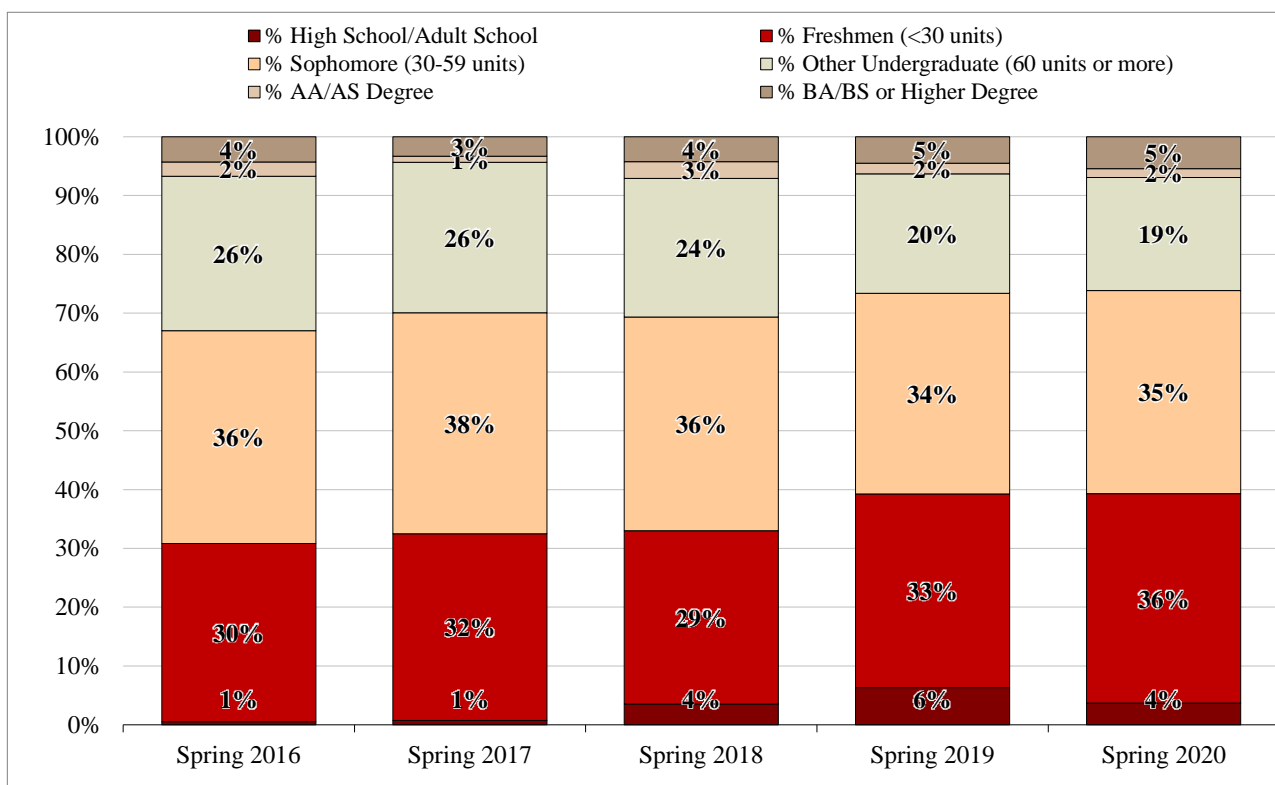
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

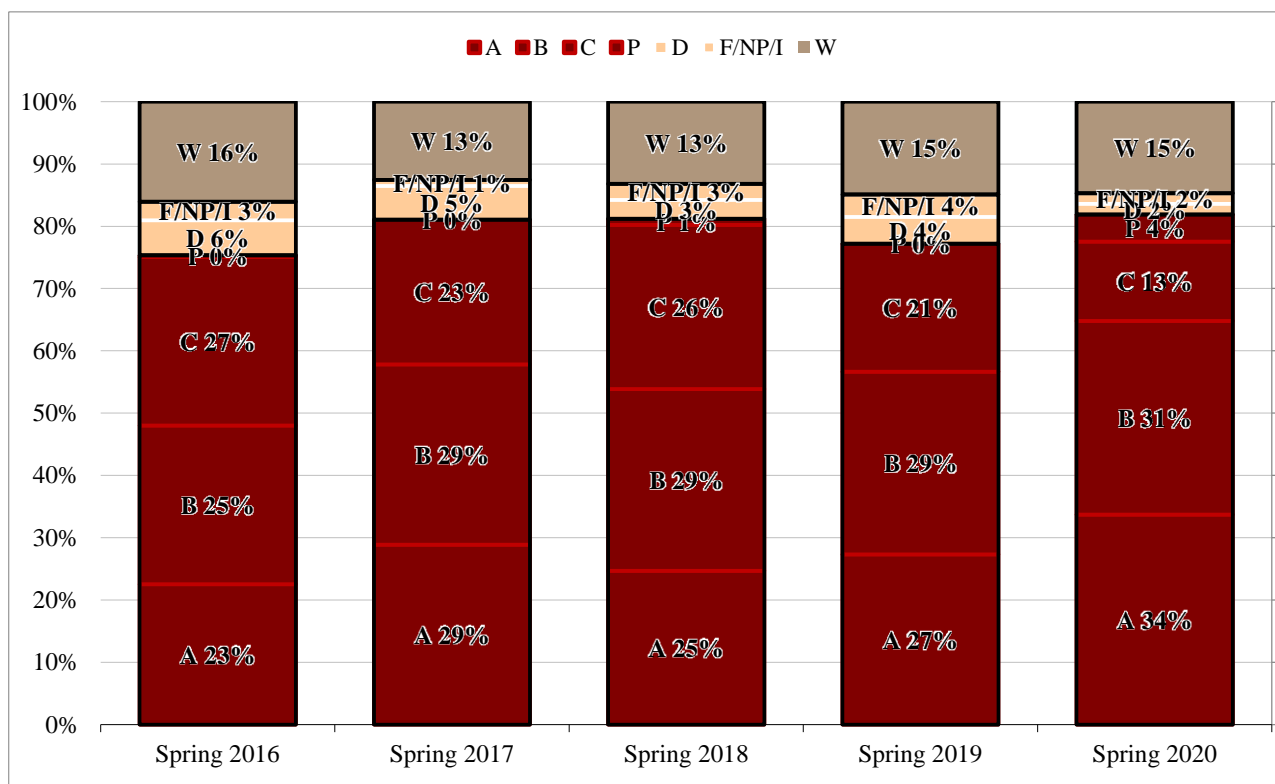
Highest Educational Level of Students

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
High School/Adult School	2	3	15	28	17
Freshmen (<30 units)	113	124	125	146	165
Sophomore (30-59 units)	135	147	154	151	160
Other Undergraduate (60 units or more)	98	100	100	90	89
AA/AS Degree	9	4	12	8	7
BA/BS or Higher Degree	16	13	18	20	25
% High School/Adult School	1%	1%	4%	6%	4%
% Freshmen (<30 units)	30%	32%	29%	33%	36%
% Sophomore (30-59 units)	36%	38%	36%	34%	35%
% Other Undergraduate (60 units or more)	26%	26%	24%	20%	19%
% AA/AS Degree	2%	1%	3%	2%	2%
% BA/BS or Higher Degree	4%	3%	4%	5%	5%



Student Performance: Grade Distribution

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Total Course Enrollments	373	391	425	443	463
Course Success Rates	75%	81%	81%	77%	82%
A	23%	29%	25%	27%	34%
B	25%	29%	29%	29%	31%
C	27%	23%	26%	21%	13%
P	<1%	0%	1%	0%	4%
Course Non-Success Rate	9%	6%	6%	8%	3%
D	6%	5%	3%	4%	2%
F/NP/I	3%	1%	3%	4%	2%
Withdrawals (W)	16%	13%	13%	15%	15%



Definitions:

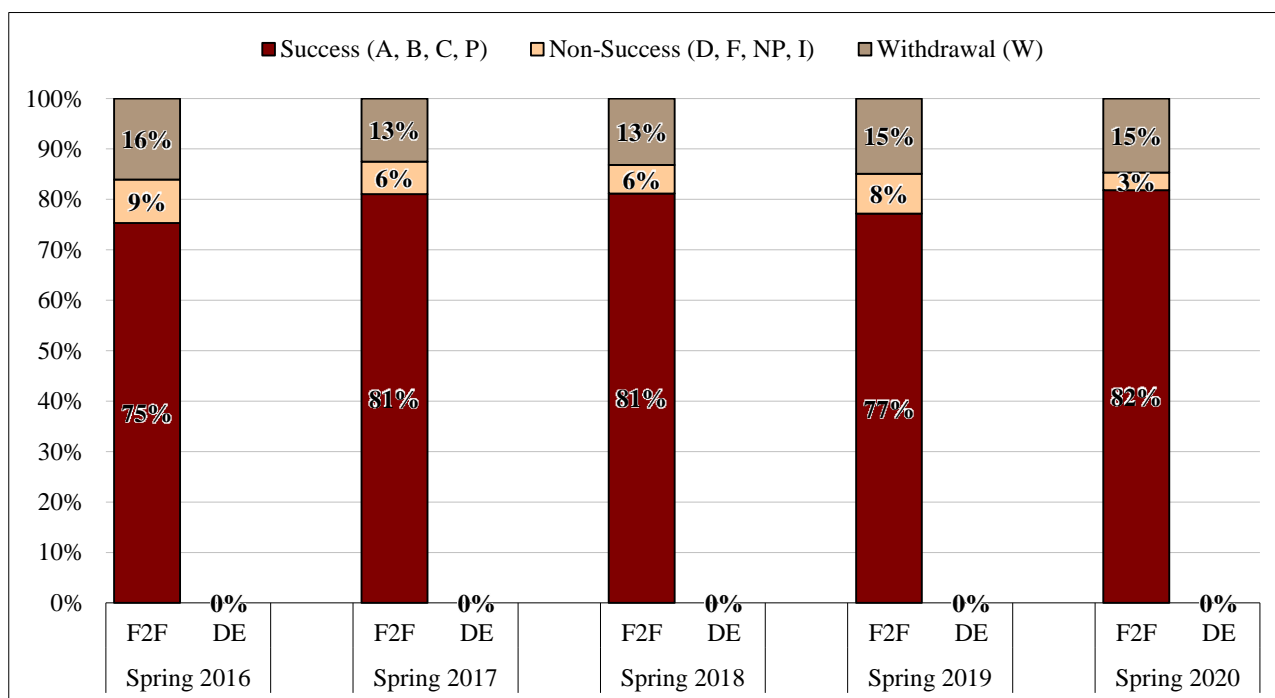
Course Success Rate is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

Course Non-Success Rate is the percentage of students receiving a grade of ('D', 'F', 'NP' or 'I') relative to all students receiving a grade.

Withdrawals is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

Student Performance: Distance Education

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Total Course Enrollments	373	391	425	443	463
Face-to-Face (F2F) Sections	373	391	425	443	463
Success Rates	75%	81%	81%	77%	82%
Non-Success Rates	9%	6%	6%	8%	3%
Withdrawals	16%	13%	13%	15%	15%
Distance Education (DE) Sections	—	—	—	—	—
Success Rates	—	—	—	—	—
Non-Success Rates	—	—	—	—	—
Withdrawals	—	—	—	—	—



Definitions:

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

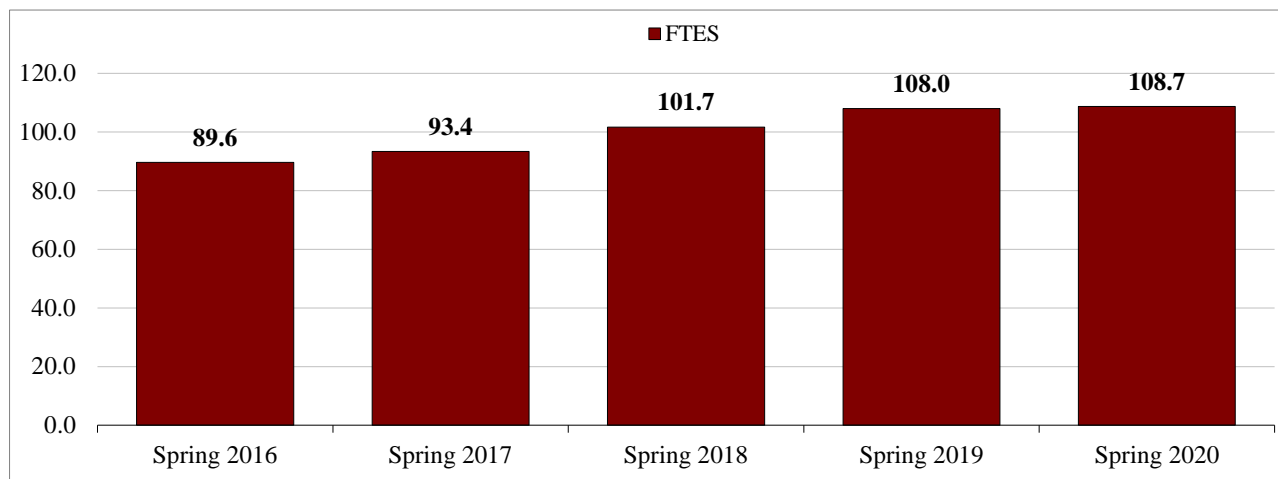
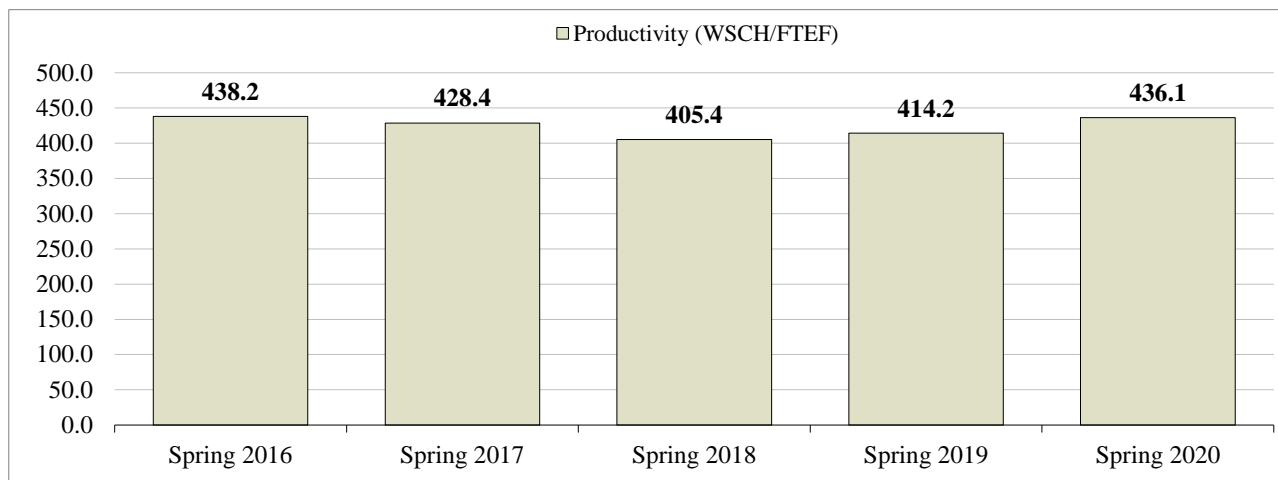
Course Non-Success Rate is the percentage of students receiving a grade of ('D', 'F', 'NP or 'T') relative to all students receiving a grade.

Withdrawals is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

Enrollment Management: Part 1

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
WSCH	2,739	2,913	3,132	3,272	3,369
FTES	89.6	93.4	101.7	108.0	108.7
FTEF	6.3	6.8	7.7	7.9	7.7
Productivity (WSCH/FTEF)	438.2	428.4	405.4	414.2	436.1



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.

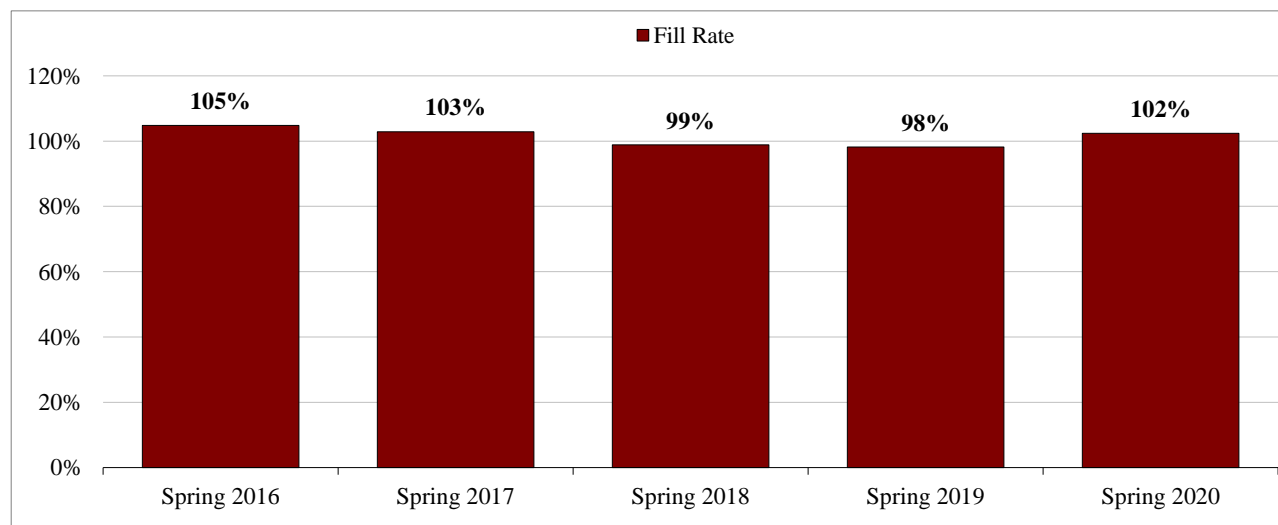
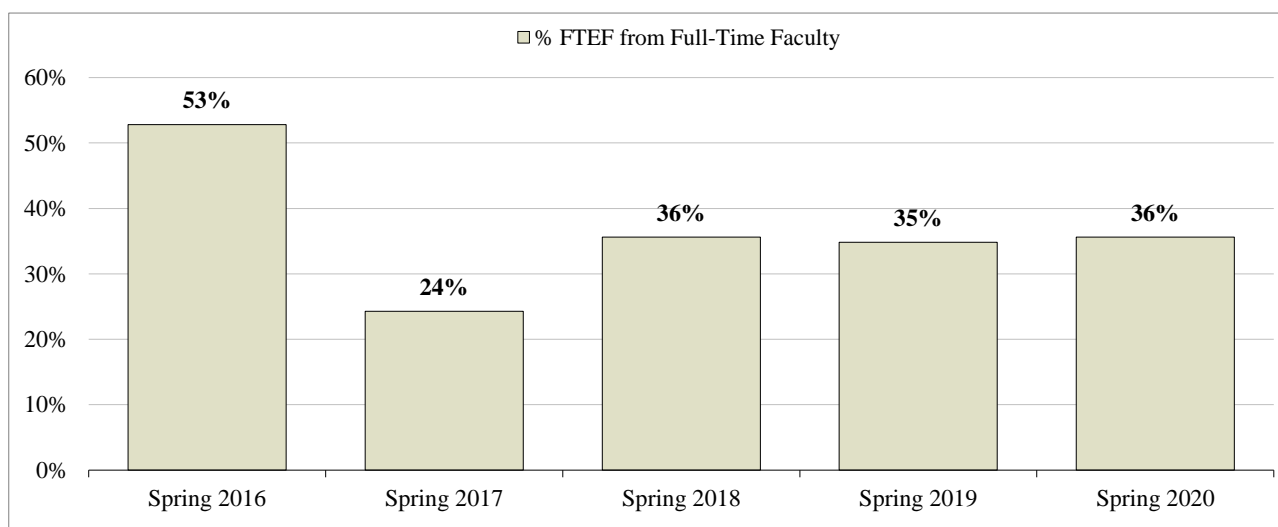
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

Note: Enrollment Management data are of all courses accounted except NTUT / TUTR 200; latest data accessed on 7/14/20.

Enrollment Management: Part 2

Chemistry (CHEM)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
FTEF from Full-Time Faculty	3.3	1.7	2.8	2.8	2.8
% FTEF from Full-Time Faculty	53%	24%	36%	35%	36%
Enrollments	373	391	425	443	463
Capacity (seats available)	356	380	430	451	452
Fill Rate	105%	103%	99%	98%	102%



Definitions:

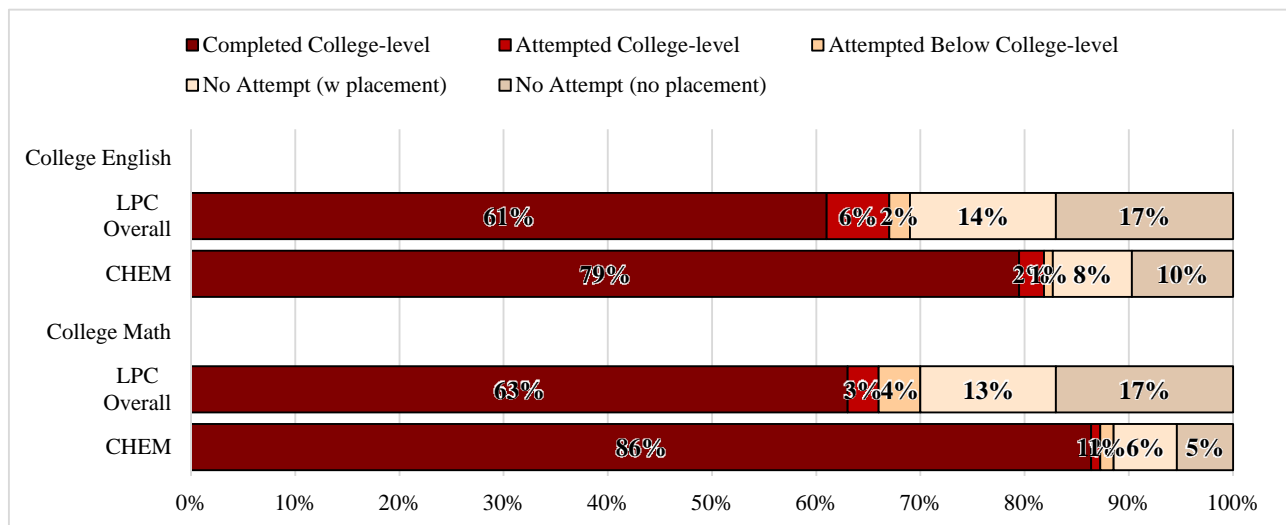
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 are of all courses accounted except NTUT / TUTR 200; latest data accessed on 7/14/20.

College Readiness: English & Math Proficiency

Spring 2020				
	CHEM		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	368	79%	5,254	61%
Attempted College-level	11	2%	502	6%
Attempted Below College-level	4	1%	179	2%
No Attempt (with placement)	35	8%	1,175	14%
No Attempt (no placement)	45	10%	1,480	17%
College Math				
Completed College-level	400	86%	5,383	63%
Attempted College-level	4	1%	274	3%
Attempted Below College-level	6	1%	366	4%
No Attempt (with placement)	28	6%	1,134	13%
No Attempt (no placement)	25	5%	1,433	17%



Definitions:

College English: Completed College-level = successfully completed ENG 1A, 1AEX, or attempted transfer level, or has earned at least an Associates degree.

Attempted College-level = attempted ENG 1A or 1AEX but has not successfully completed prior to indicated term.

Attempted Below College-level = attempted ENG 102, 104, 105, 100A, 100B, NENG 204, or ESL 25 prior to indicated term.

No Attempt (w placement) = no previous English enrollments within the sequence but has used a placement tool.

No Attempt (no placement) = no previous English enrollments within the sequence and did not utilize a placement tool.

College Math:

Completed College-level = successfully completed MATH 55, 50, NMAT 255 or 250, or attempted transfer level, or has earned at least an Associates degree.

Attempted College-level = attempted MATH 55, 50, NMAT 255 or 250 but has not successfully completed prior to indicated term.

Attempted Below College-level = attempted MATH 110, 107, NMAT 210 or 207 prior to indicated term.

No Attempt (w placement) = no previous Math enrollments within the sequence but has used a placement tool.

No Attempt (no placement) = no previous Math enrollments within the sequence and did not utilize a placement tool.