



Las Positas College

Discipline Program Review Data Packet

Fall 2016 to Fall 2020

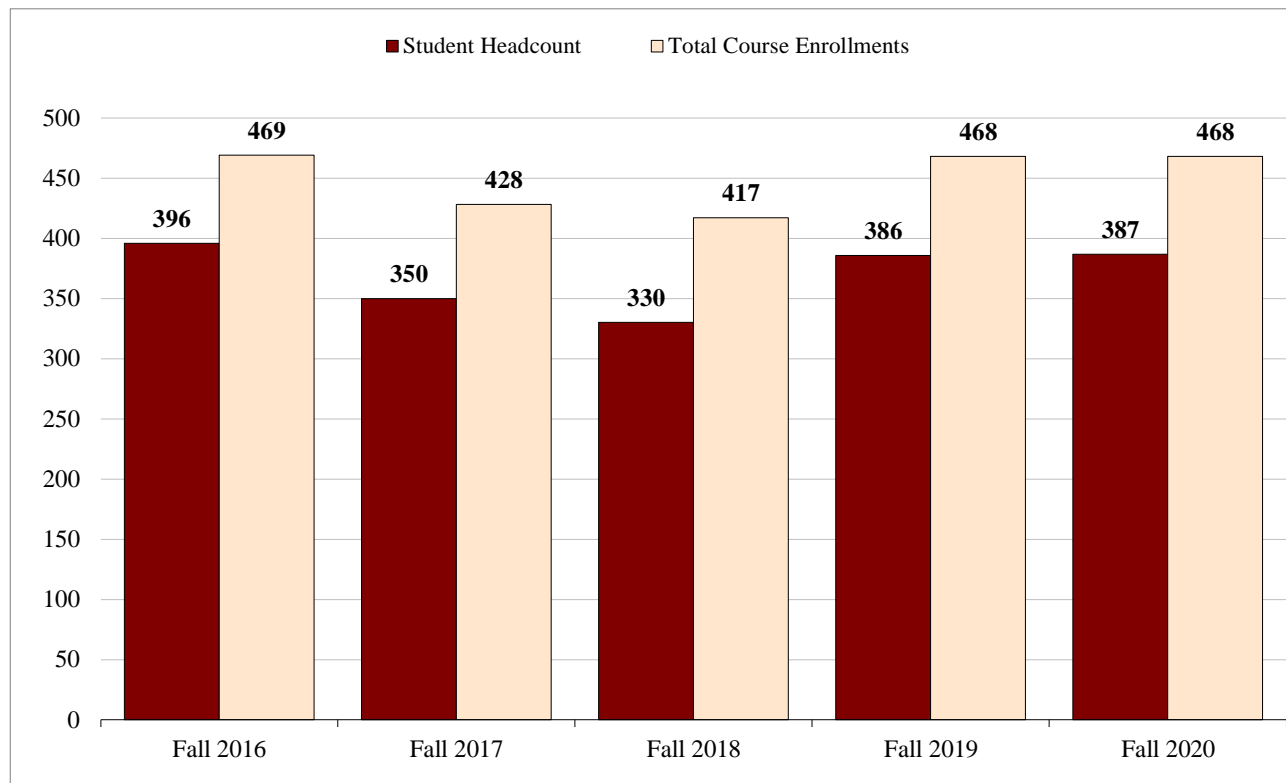
Discipline:

Geology (GEOL)

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Headcount & Enrollment

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Student Headcount	396	350	330	386	387
Total Course Enrollments	469	428	417	468	468



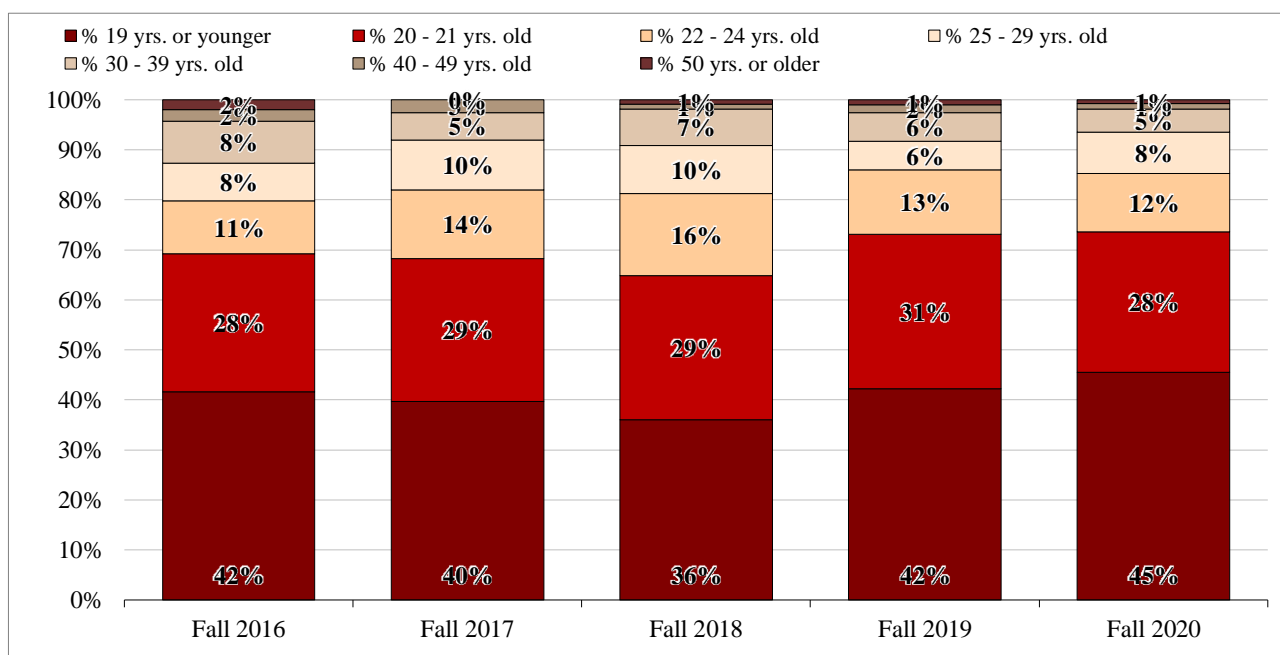
Definitions:

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.

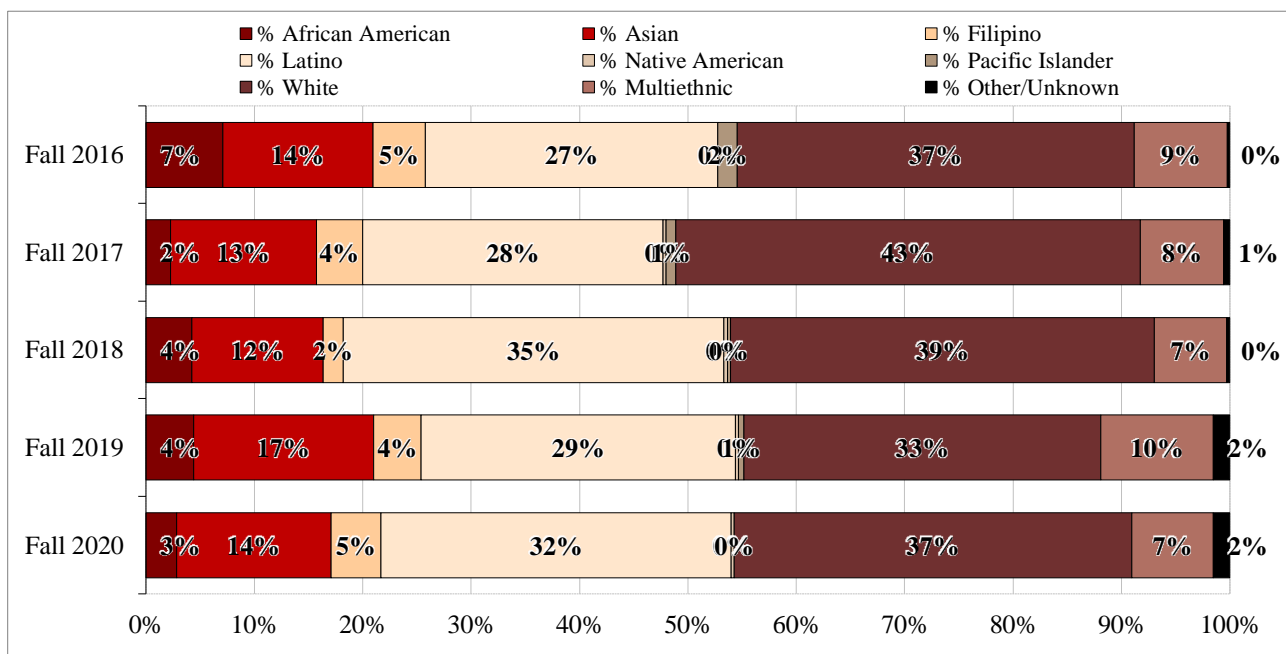
Student Demographics: Gender & Age

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Female	191	171	170	199	196
Male	201	172	158	181	184
19 yrs. or younger	165	139	119	163	176
20-21 yrs. old	109	100	95	119	109
22-24 yrs. old	42	48	54	50	45
25-29 yrs. old	30	35	32	22	32
30-39 yrs. old	33	19	24	22	18
40-49 yrs. old	9	9	3	6	4
50 yrs. or older	8	0	3	4	3
% Female	49%	50%	52%	52%	52%
% Male	51%	50%	48%	48%	48%
% 19 yrs. or younger	42%	40%	36%	42%	45%
% 20 - 21 yrs. old	28%	29%	29%	31%	28%
% 22 - 24 yrs. old	11%	14%	16%	13%	12%
% 25 - 29 yrs. old	8%	10%	10%	6%	8%
% 30 - 39 yrs. old	8%	5%	7%	6%	5%
% 40 - 49 yrs. old	2%	3%	1%	2%	1%
% 50 yrs. or older	2%	0%	1%	1%	1%



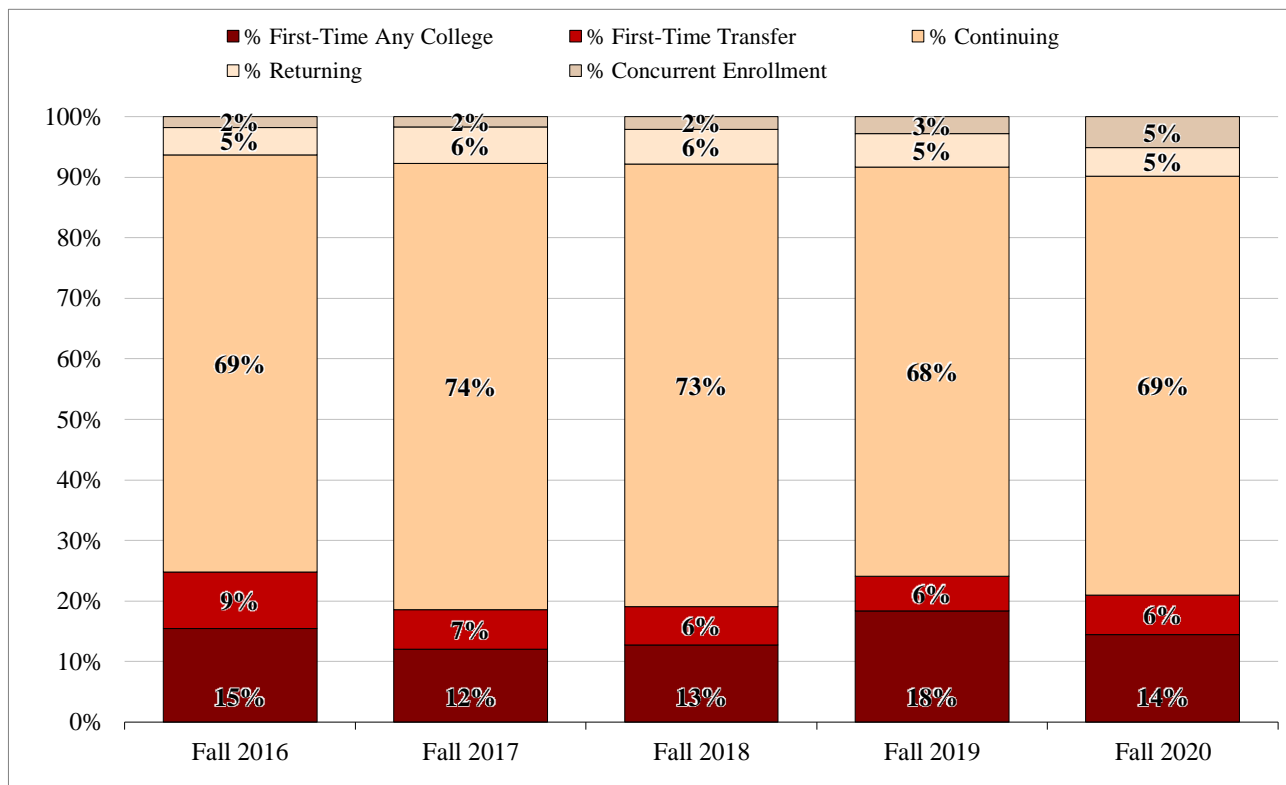
Student Demographic: Race-Ethnicity

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
African American	28	8	14	17	11
Asian	55	47	40	64	55
Filipino	19	15	6	17	18
Latino	107	97	116	112	125
Native American	0	1	1	1	1
Pacific Islander	7	3	1	2	0
White	145	150	129	127	142
Multiethnic	34	27	22	40	29
Other/Unknown	1	2	1	6	6
% African American	7%	2%	4%	4%	3%
% Asian	14%	13%	12%	17%	14%
% Filipino	5%	4%	2%	4%	5%
% Latino	27%	28%	35%	29%	32%
% Native American	0%	<1%	<1%	<1%	<1%
% Pacific Islander	2%	1%	<1%	1%	0%
% White	37%	43%	39%	33%	37%
% Multiethnic	9%	8%	7%	10%	7%
% Other/Unknown	<1%	1%	<1%	2%	2%



Student Enrollment Status

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
First-Time Any College	61	42	42	71	56
First-Time Transfer	37	23	21	22	25
Continuing	273	258	241	261	268
Returning	18	21	19	21	18
Concurrent Enrollment	7	6	7	11	20
% First-Time Any College	15%	12%	13%	18%	14%
% First-Time Transfer	9%	7%	6%	6%	6%
% Continuing	69%	74%	73%	68%	69%
% Returning	5%	6%	6%	5%	5%
% Concurrent Enrollment	2%	2%	2%	3%	5%



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.

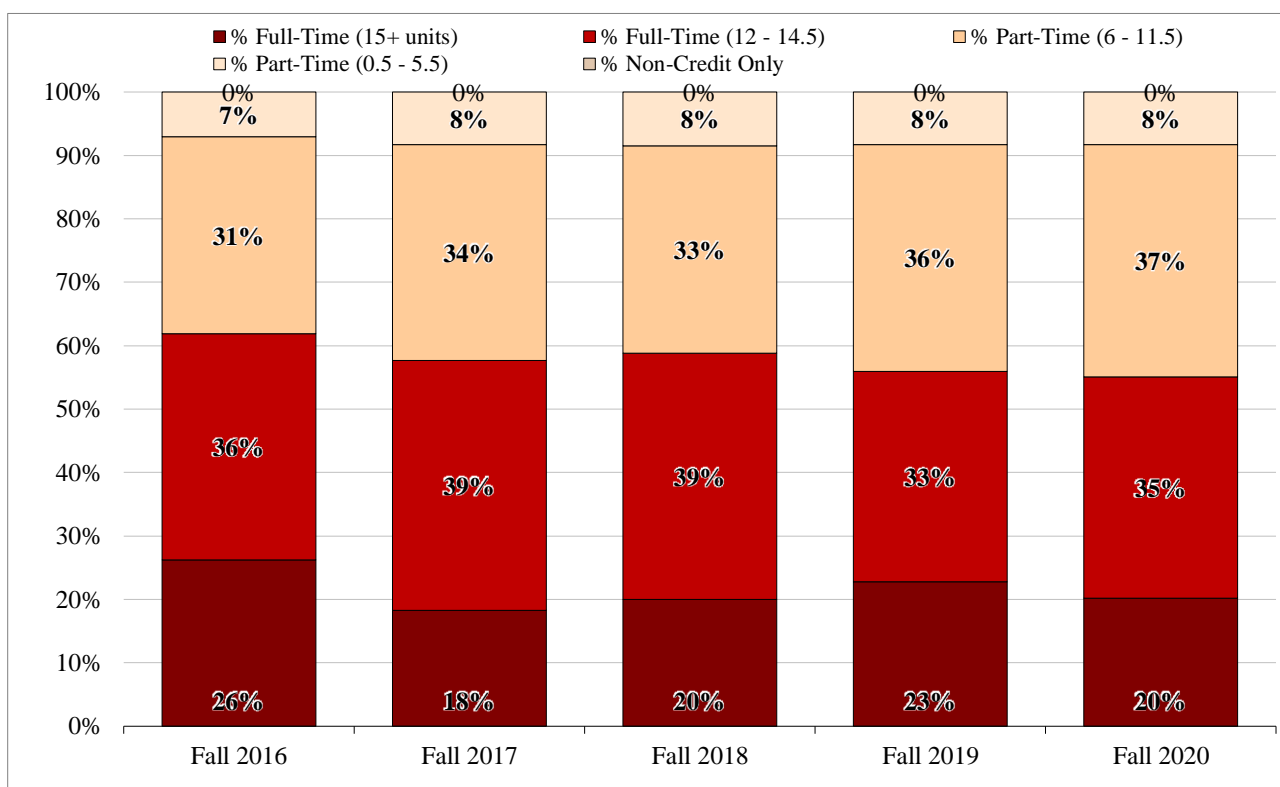
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

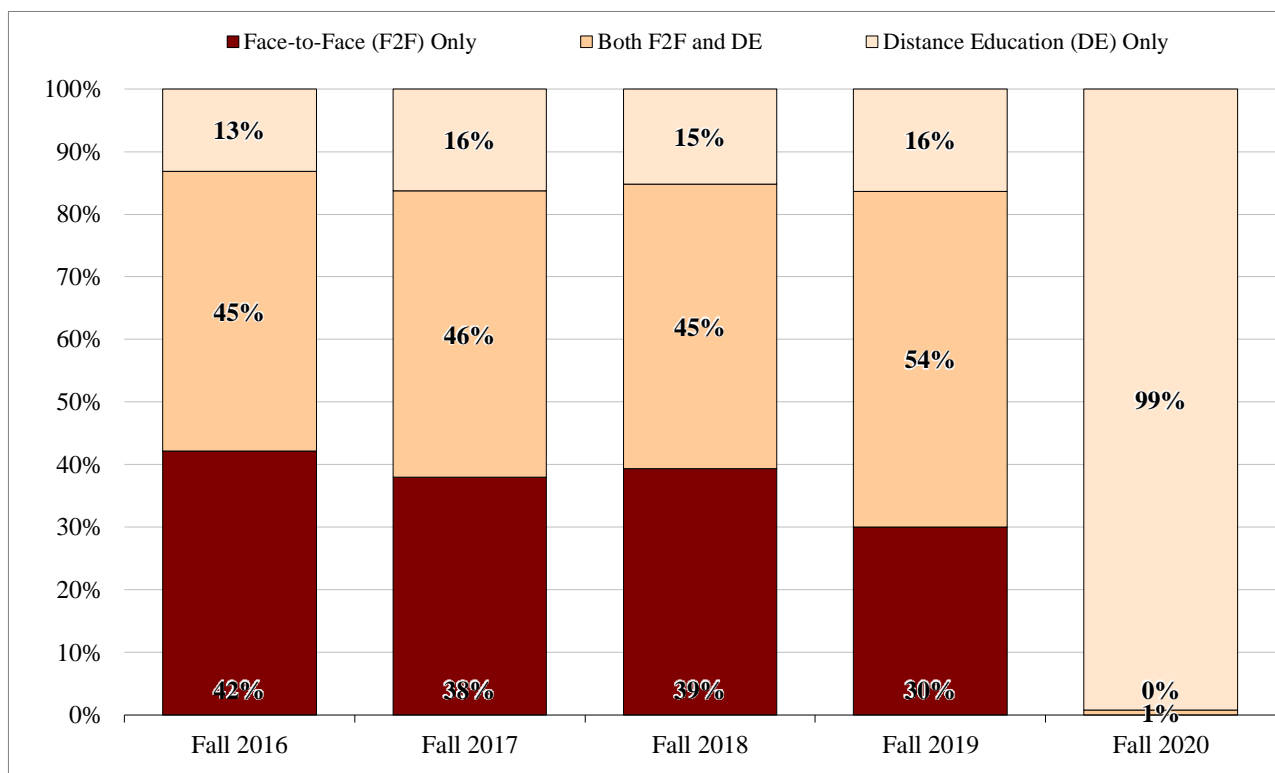
Student Unit Load

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Full-Time (15+ units)	104	64	66	88	78
Full-Time (12 - 14.5)	141	138	128	128	135
Part-Time (6 - 11.5)	123	119	108	138	142
Part-Time (0.5 - 5.5)	28	29	28	32	32
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	26%	18%	20%	23%	20%
% Full-Time (12 - 14.5)	36%	39%	39%	33%	35%
% Part-Time (6 - 11.5)	31%	34%	33%	36%	37%
% Part-Time (0.5 - 5.5)	7%	8%	8%	8%	8%
% Non-Credit Only	0%	0%	0%	0%	0%



Students Using Distance Education

Geology (GEOL)					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Face-to-Face (F2F) Only	167	133	130	116	0
Both F2F and DE	177	160	150	207	3
Distance Education (DE) Only	52	57	50	63	384
% Face-to-Face (F2F) Only	42%	38%	39%	30%	0%
% Both F2F and DE	45%	46%	45%	54%	1%
% Distance Education (DE) Only	13%	16%	15%	16%	99%

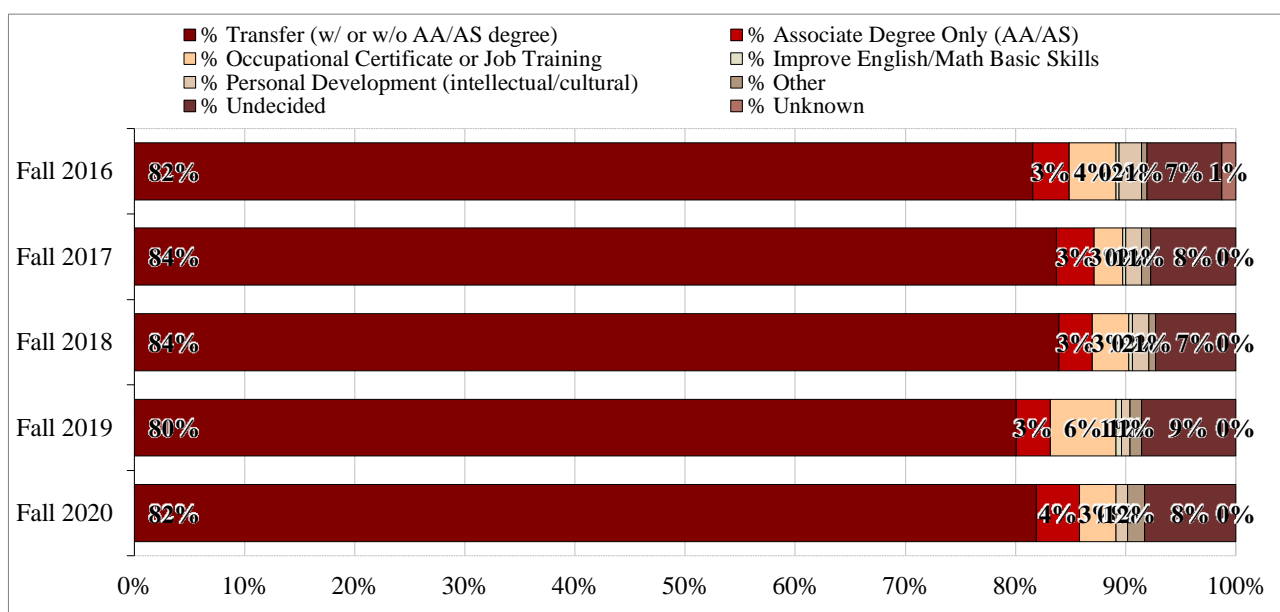


Definitions:

Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'. In 2020-21, due to the COVID-19 pandemic, DE sections were distinguished through provisional designations.

Student Educational Goal

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Transfer (w/ or w/o AA/AS degree)	323	293	277	309	317
Associate Degree Only (AA/AS)	13	12	10	12	15
Occupational Certificate or Job Training	17	9	11	23	13
Improve English/Math Basic Skills	1	1	1	2	0
Personal Development (intellectual/cultural)	8	5	5	3	4
Other	2	3	2	4	6
Undecided	27	27	24	33	32
Unknown	5	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	82%	84%	84%	80%	82%
% Associate Degree Only (AA/AS)	3%	3%	3%	3%	4%
% Occupational Certificate or Job Training	4%	3%	3%	6%	3%
% Improve English/Math Basic Skills	<1%	<1%	<1%	1%	0%
% Personal Development (intellectual/cultural)	2%	1%	2%	1%	1%
% Other	1%	1%	1%	1%	2%
% Undecided	7%	8%	7%	9%	8%
% Unknown	1%	0%	0%	0%	0%



Definitions:

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

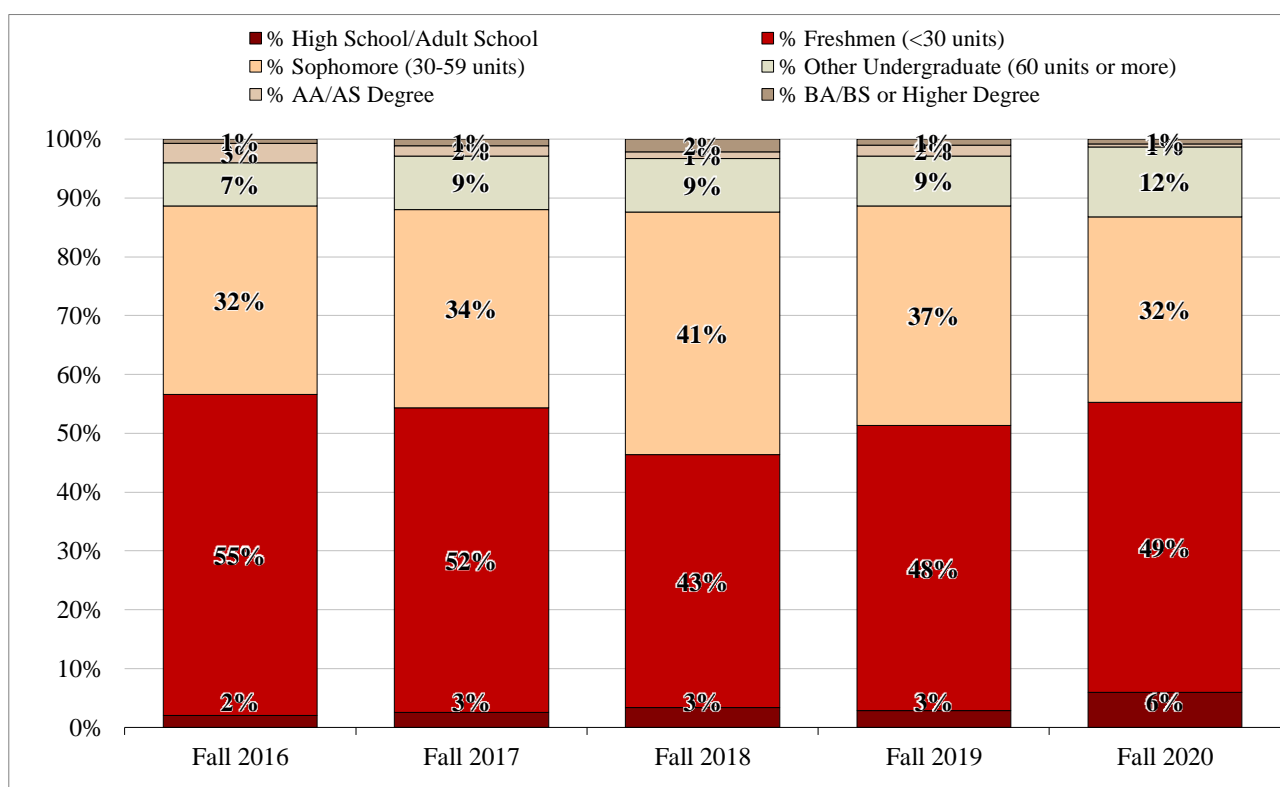
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

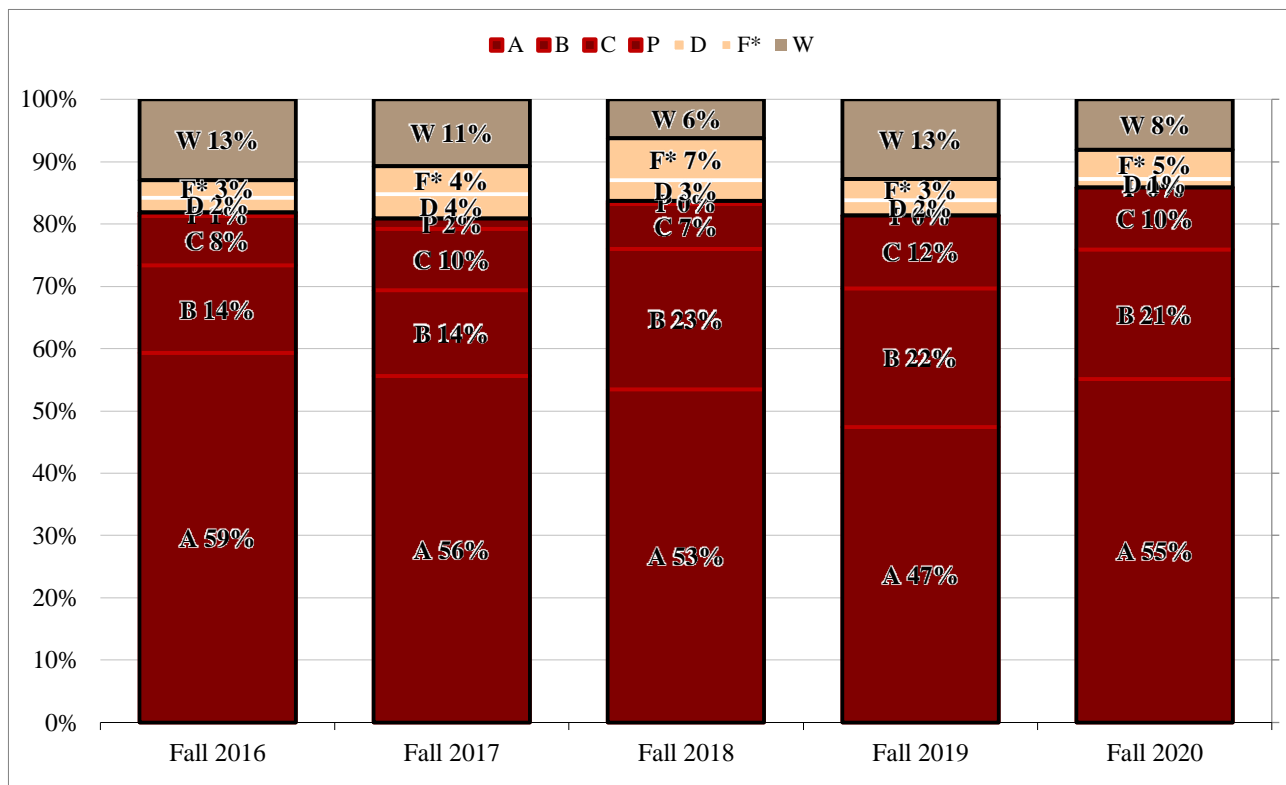
Highest Educational Level of Students

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
High School/Adult School	8	9	11	11	23
Freshmen (<30 units)	216	181	142	187	191
Sophomore (30-59 units)	127	118	136	144	122
Other Undergraduate (60 units or more)	29	32	30	33	46
AA/AS Degree	13	6	4	7	2
BA/BS or Higher Degree	3	4	7	4	3
% High School/Adult School	2%	3%	3%	3%	6%
% Freshmen (<30 units)	55%	52%	43%	48%	49%
% Sophomore (30-59 units)	32%	34%	41%	37%	32%
% Other Undergraduate (60 units or more)	7%	9%	9%	9%	12%
% AA/AS Degree	3%	2%	1%	2%	1%
% BA/BS or Higher Degree	1%	1%	2%	1%	1%



Student Performance: Grade Distribution

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Total Course Enrollments	469	428	417	468	468
Course Success Rates	82%	81%	84%	81%	86%
A	59%	56%	53%	47%	55%
B	14%	14%	23%	22%	21%
C	8%	10%	7%	12%	10%
P	1%	2%	<1%	0%	0%
Course Non-Success Rate	5%	8%	10%	6%	6%
D	2%	4%	3%	2%	1%
F*	3%	4%	7%	3%	5%
Withdrawals (See Note)	13%	11%	6%	13%	8%



Definitions:

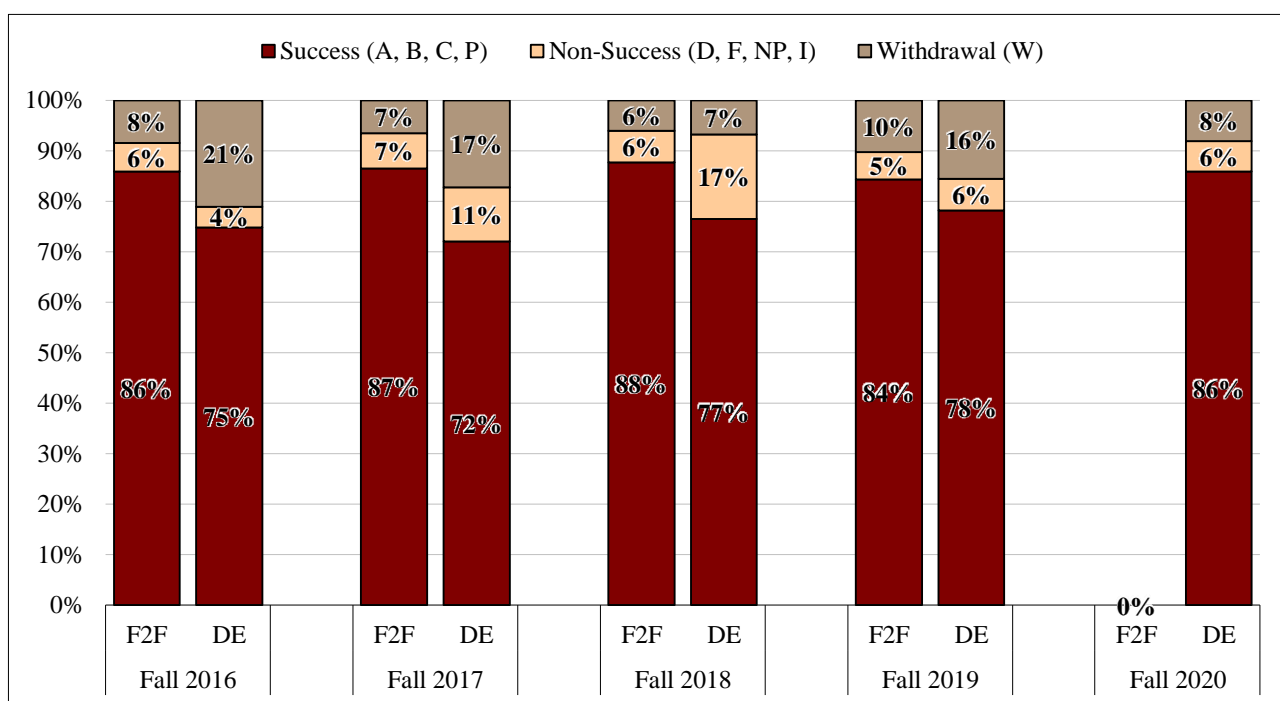
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D' or F* (includes: 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP').

Withdrawals are the share of course enrollments resulting in (1) a grade notation of 'W', 'MW', or 'EW', or, (2) a course dropped due to COVID-19.

Student Performance: Distance Education

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Total Course Enrollments	469	428	417	468	468
Face-to-Face (F2F) Sections	298	260	268	243	0
Success Rates	86%	87%	88%	84%	—
Non-Success Rates	6%	7%	6%	5%	—
Withdrawals	8%	7%	6%	10%	—
Distance Education (DE) Sections	171	168	149	225	468
Success Rates	75%	72%	77%	78%	86%
Non-Success Rates	4%	11%	17%	6%	6%
Withdrawals	21%	17%	7%	16%	8%



Definitions:

Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

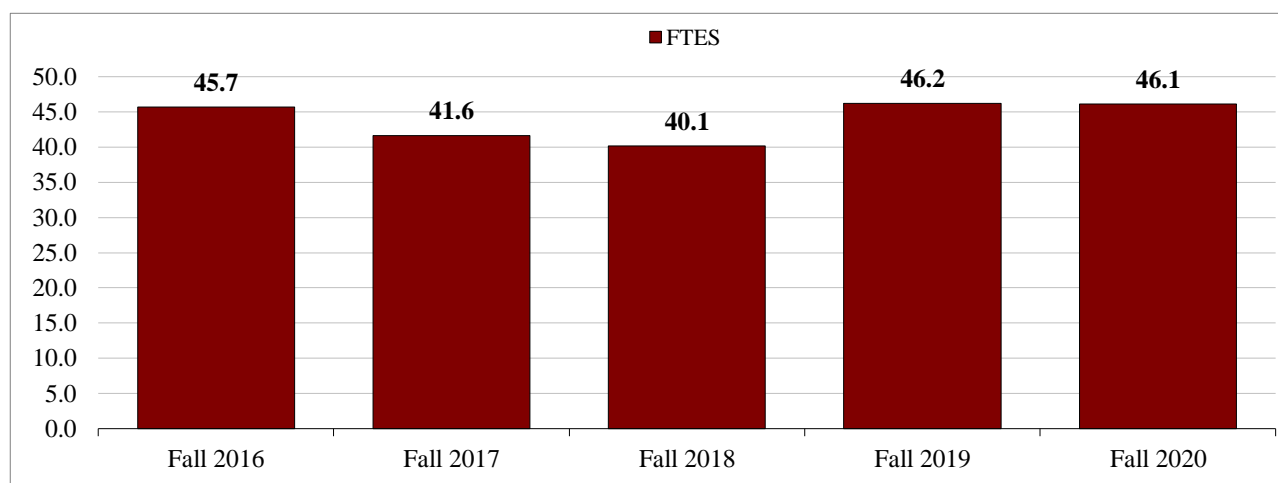
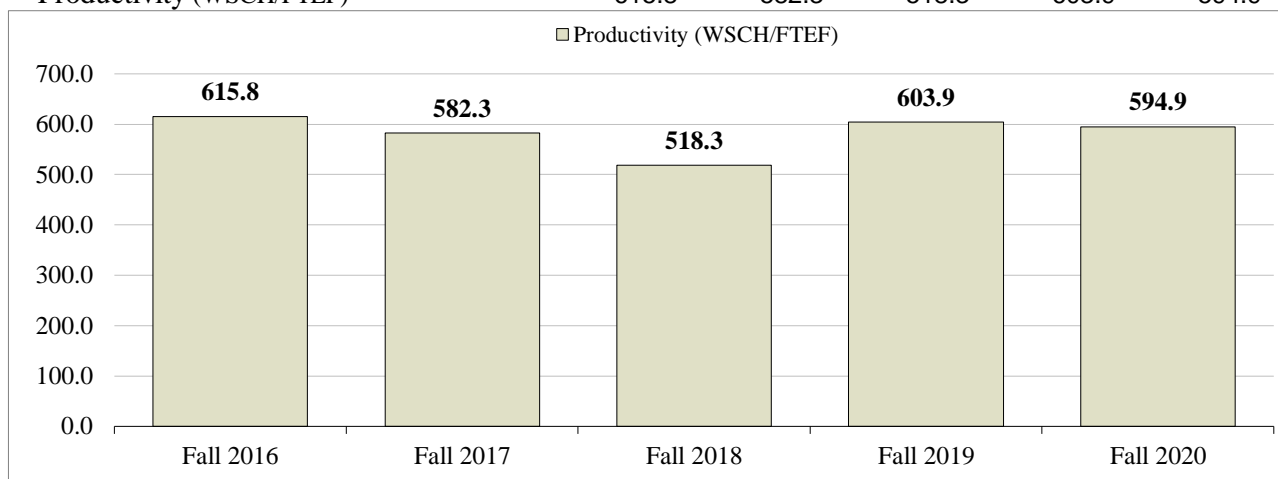
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

Withdrawals are the share of course enrollments resulting in (1) a grade notation of 'W', 'MW', or 'EW', or, (2) a course dropped due to COVID-19.

Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'. In 2020-21, due to the COVID-19 pandemic, DE sections were distinguished through provisional designations.

Enrollment Management: Part 1

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
WSCH	1,407	1,284	1,244	1,407	1,410
FTES	45.7	41.6	40.1	46.2	46.1
FTEF	2.3	2.2	2.4	2.3	2.4
Productivity (WSCH/FTEF)	615.8	582.3	518.3	603.9	594.9



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.

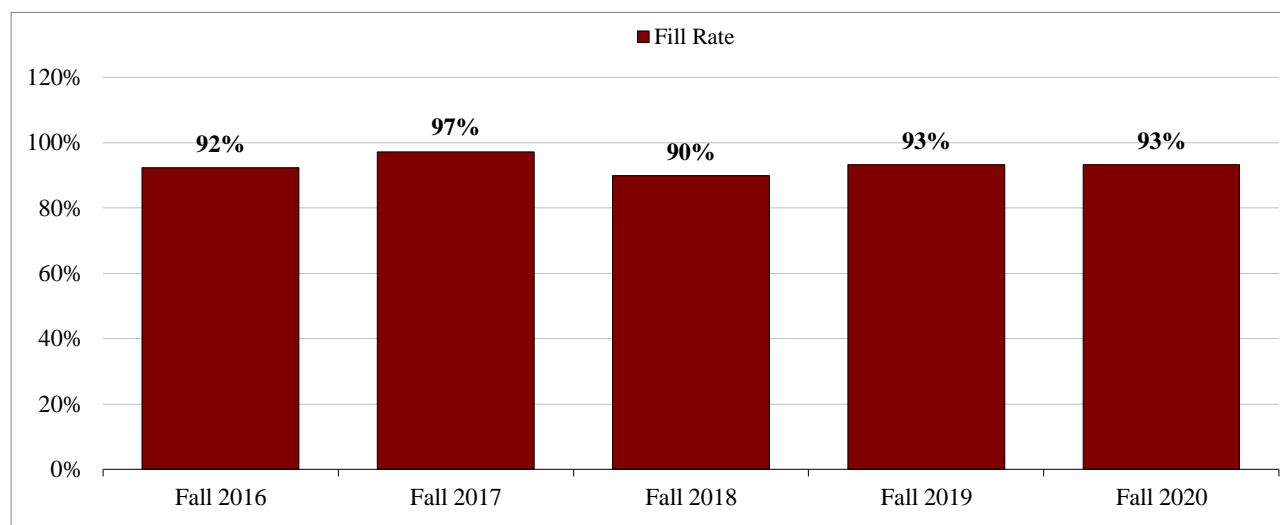
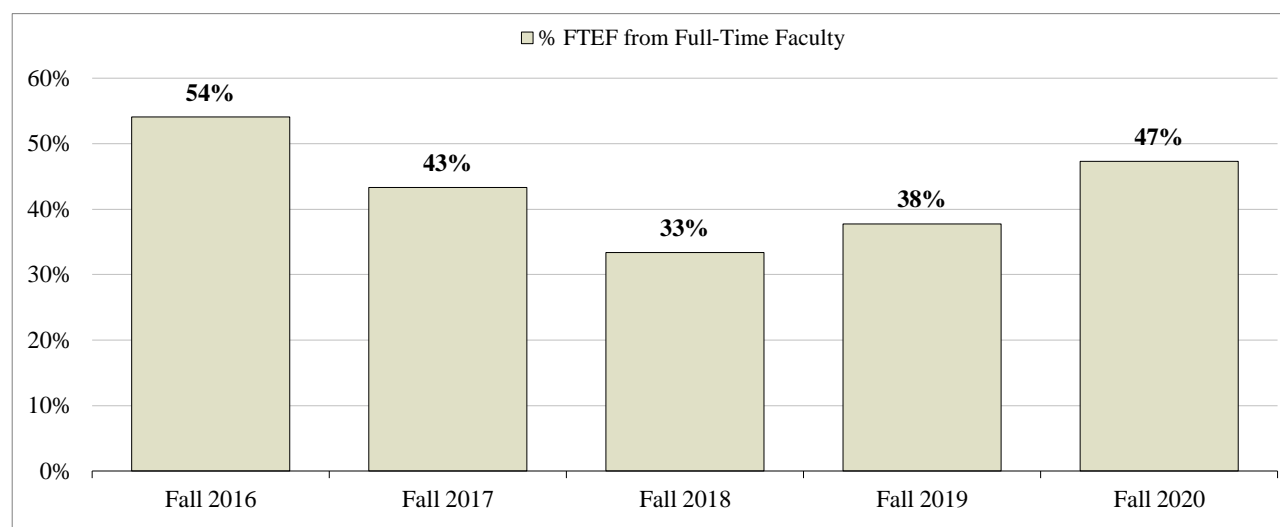
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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 7/20/21.

Enrollment Management: Part 2

Geology (GEOL)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
FTEF from Full-Time Faculty	1.2	1.0	0.8	0.9	1.1
% FTEF from Full-Time Faculty	54%	43%	33%	38%	47%
Enrollments	469	428	417	468	468
Capacity (seats available)	508	440	464	502	502
Fill Rate	92%	97%	90%	93%	93%



Definitions:

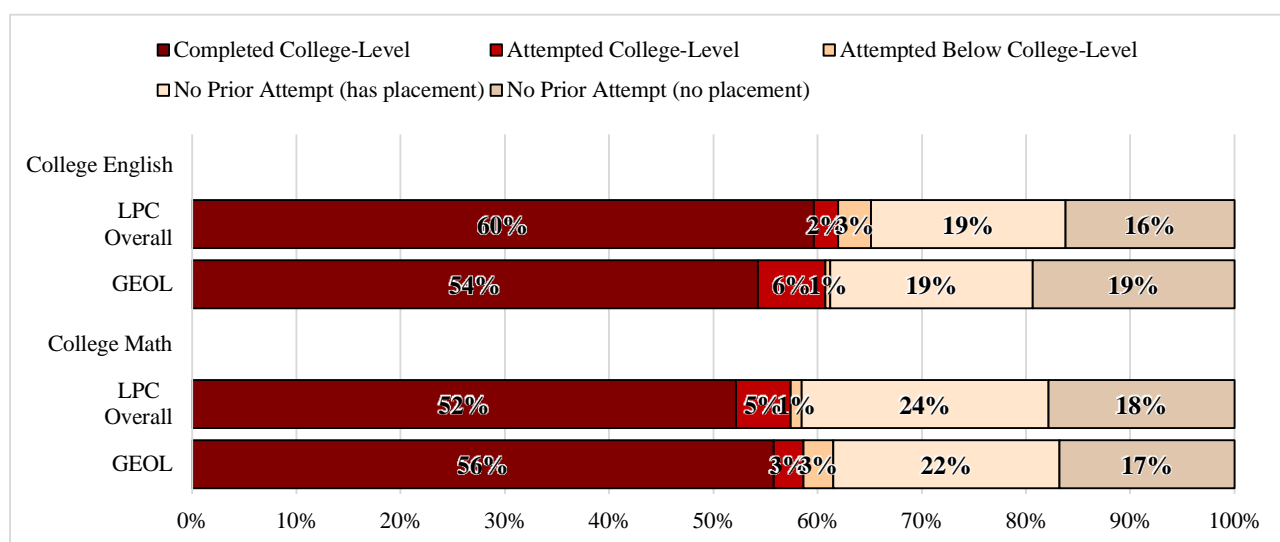
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 7/20/21.

Prior Experience in English & Math

Fall 2020				
	GEOL		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	210	54%	4,353	52%
Attempted College-level	25	6%	438	5%
Attempted Below College-level	2	1%	86	1%
No Prior Attempt (has placement)	75	19%	1,974	24%
No Prior Attempt (no placement)	75	19%	1,489	18%
College Math				
Completed College-level	216	56%	4,972	60%
Attempted College-level	11	3%	199	2%
Attempted Below College-level	11	3%	261	3%
No Prior Attempt (has placement)	84	22%	1,555	19%
No Prior Attempt (no placement)	65	17%	1,353	16%



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

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

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