



Las Positas College

Discipline Program Review Data Packet

Spring 2017 to Spring 2021

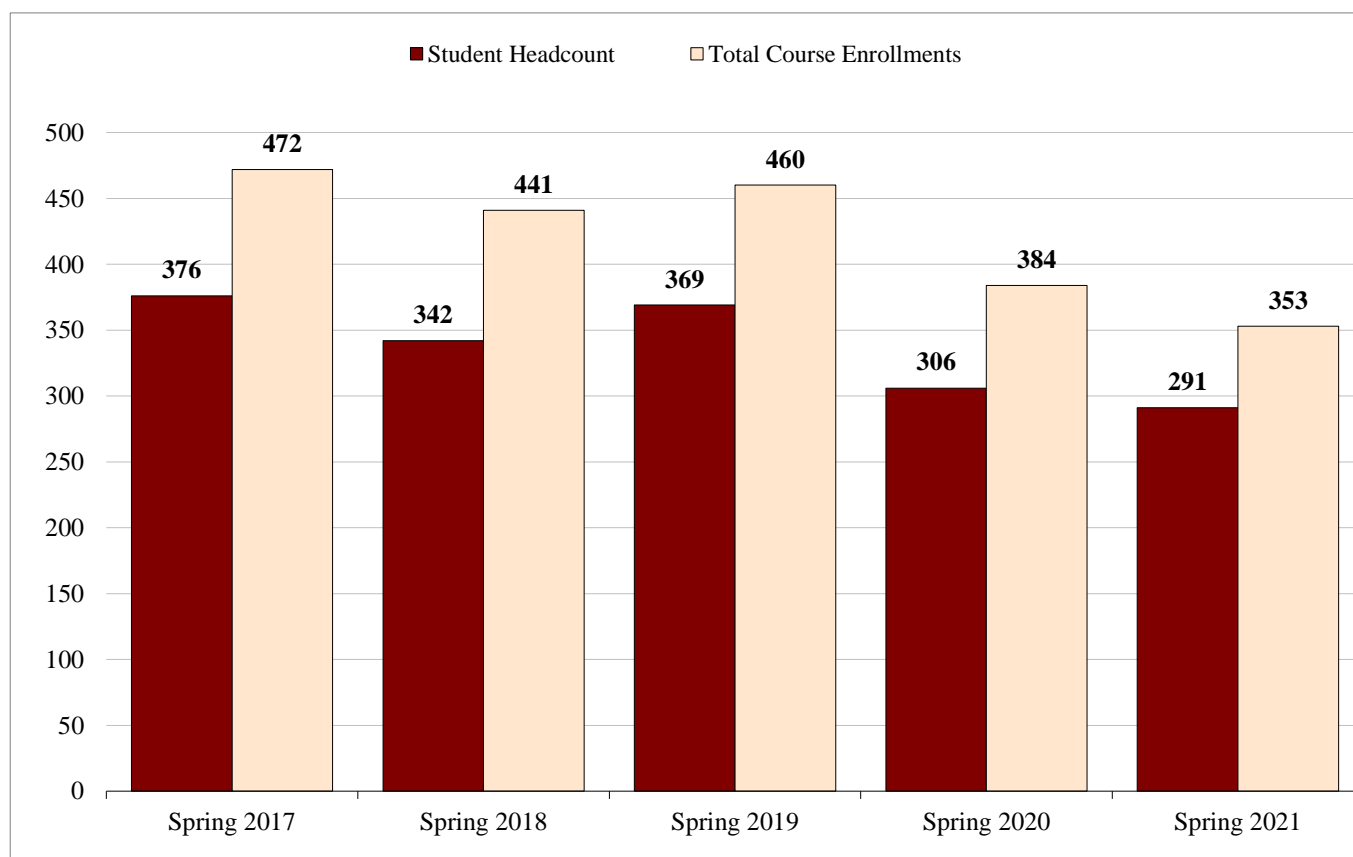
Discipline:

Geology (GEOL)

<u>TABLE OF CONTENTS</u>	<u>PAGE</u>
Headcount & Enrollment	1
Student Demographics: Gender & Age	2
Student Demographics: Race-Ethnicity	3
Student Enrollment Status	4
Student Unit Load	5
Students Using Distance Education	6
Student Educational Goal	7
Highest Educational Level of Students	8
Student Performance: Grade Distribution	9
Student Performance: Distance Education	10
Enrollment Management Data	11-12
Prior Experience in English & Math	13

Headcount & Enrollment

Geology (GEOL)					
	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Student Headcount	376	342	369	306	291
Total Course Enrollments	472	441	460	384	353



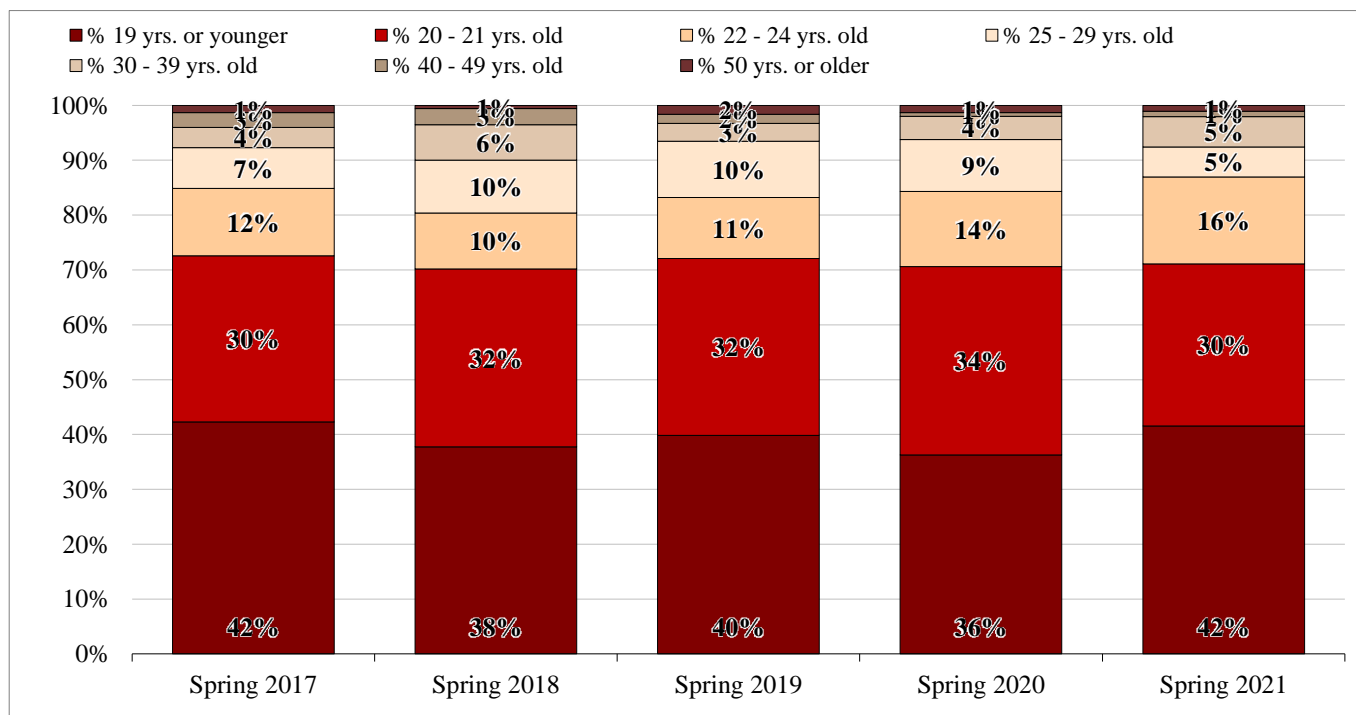
Definitions:

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.

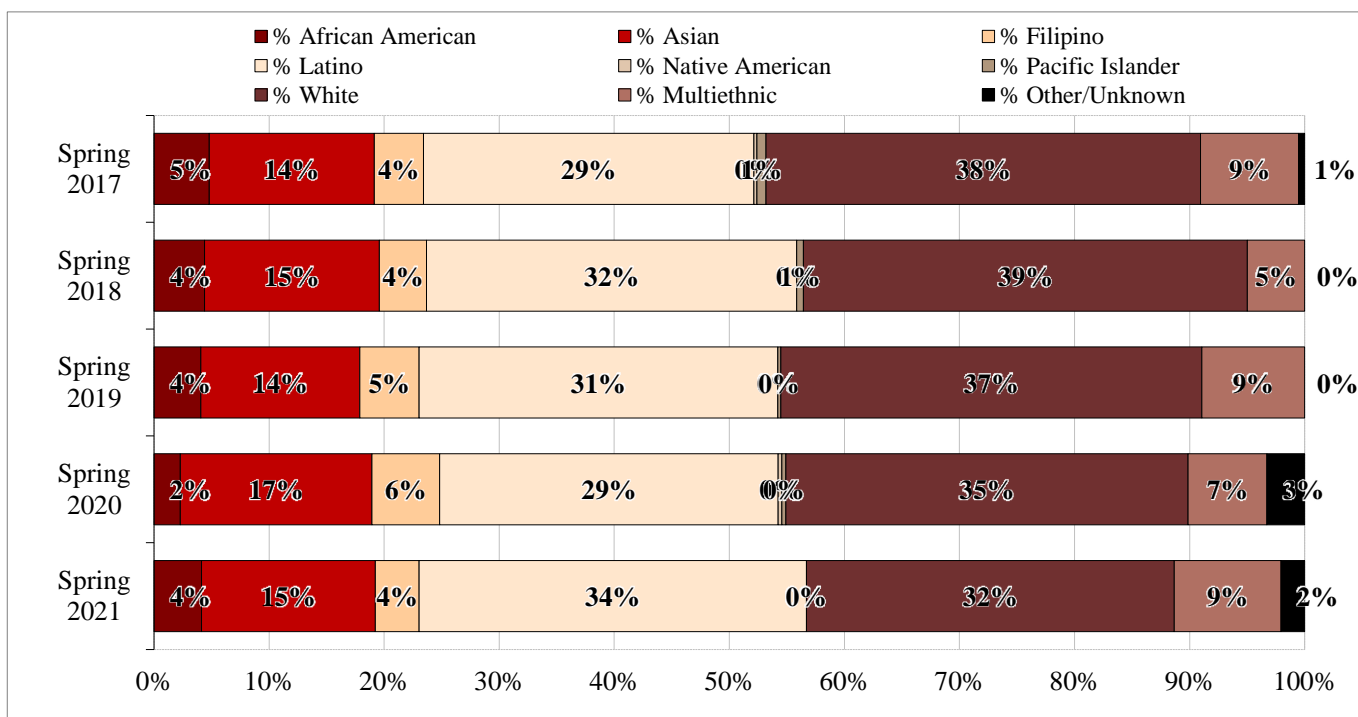
Student Demographics: Gender & Age

Geology (GEOL)					
	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Female	191	175	194	166	145
Male	182	162	168	135	140
19 yrs. or younger	159	129	147	111	121
20-21 yrs. old	114	111	119	105	86
22-24 yrs. old	46	35	41	42	46
25-29 yrs. old	28	33	38	29	16
30-39 yrs. old	14	22	12	13	16
40-49 yrs. old	10	10	6	2	3
50 yrs. or older	5	2	6	4	3
% Female	51%	52%	54%	55%	51%
% Male	49%	48%	46%	45%	49%
% 19 yrs. or younger	42%	38%	40%	36%	42%
% 20 - 21 yrs. old	30%	32%	32%	34%	30%
% 22 - 24 yrs. old	12%	10%	11%	14%	16%
% 25 - 29 yrs. old	7%	10%	10%	9%	5%
% 30 - 39 yrs. old	4%	6%	3%	4%	5%
% 40 - 49 yrs. old	3%	3%	2%	1%	1%
% 50 yrs. or older	1%	1%	2%	1%	1%



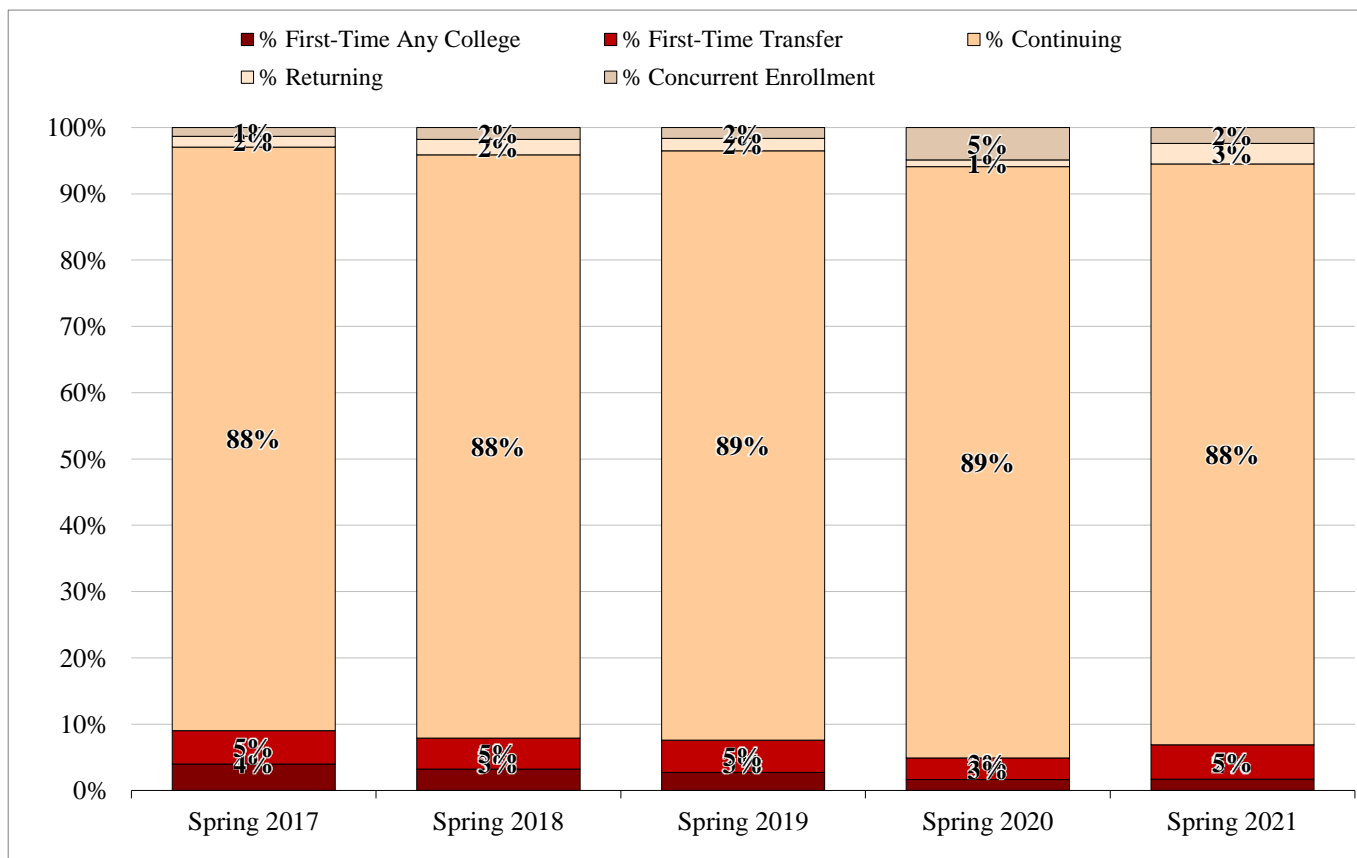
Student Demographic: Race-Ethnicity

Geology (GEOL)					
	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
African American	18	15	15	7	12
Asian	54	52	51	51	44
Filipino	16	14	19	18	11
Latino	108	110	115	90	98
Native American	1	0	0	1	0
Pacific Islander	3	2	1	1	0
White	142	132	135	107	93
Multiethnic	32	17	33	21	27
Other/Unknown	2	0	0	10	6
% African American	5%	4%	4%	2%	4%
% Asian	14%	15%	14%	17%	15%
% Filipino	4%	4%	5%	6%	4%
% Latino	29%	32%	31%	29%	34%
% Native American	<1%	0%	0%	<1%	0%
% Pacific Islander	1%	1%	<1%	<1%	0%
% White	38%	39%	37%	35%	32%
% Multiethnic	9%	5%	9%	7%	9%
% Other/Unknown	1%	0%	0%	3%	2%



Student Enrollment Status

Geology (GEOL)					
	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
First-Time Any College	15	11	10	5	5
First-Time Transfer	19	16	18	10	15
Continuing	331	301	328	273	255
Returning	6	8	7	3	9
Concurrent Enrollment	5	6	6	15	7
% First-Time Any College	4%	3%	3%	2%	2%
% First-Time Transfer	5%	5%	5%	3%	5%
% Continuing	88%	88%	89%	89%	88%
% Returning	2%	2%	2%	1%	3%
% Concurrent Enrollment	1%	2%	2%	5%	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.

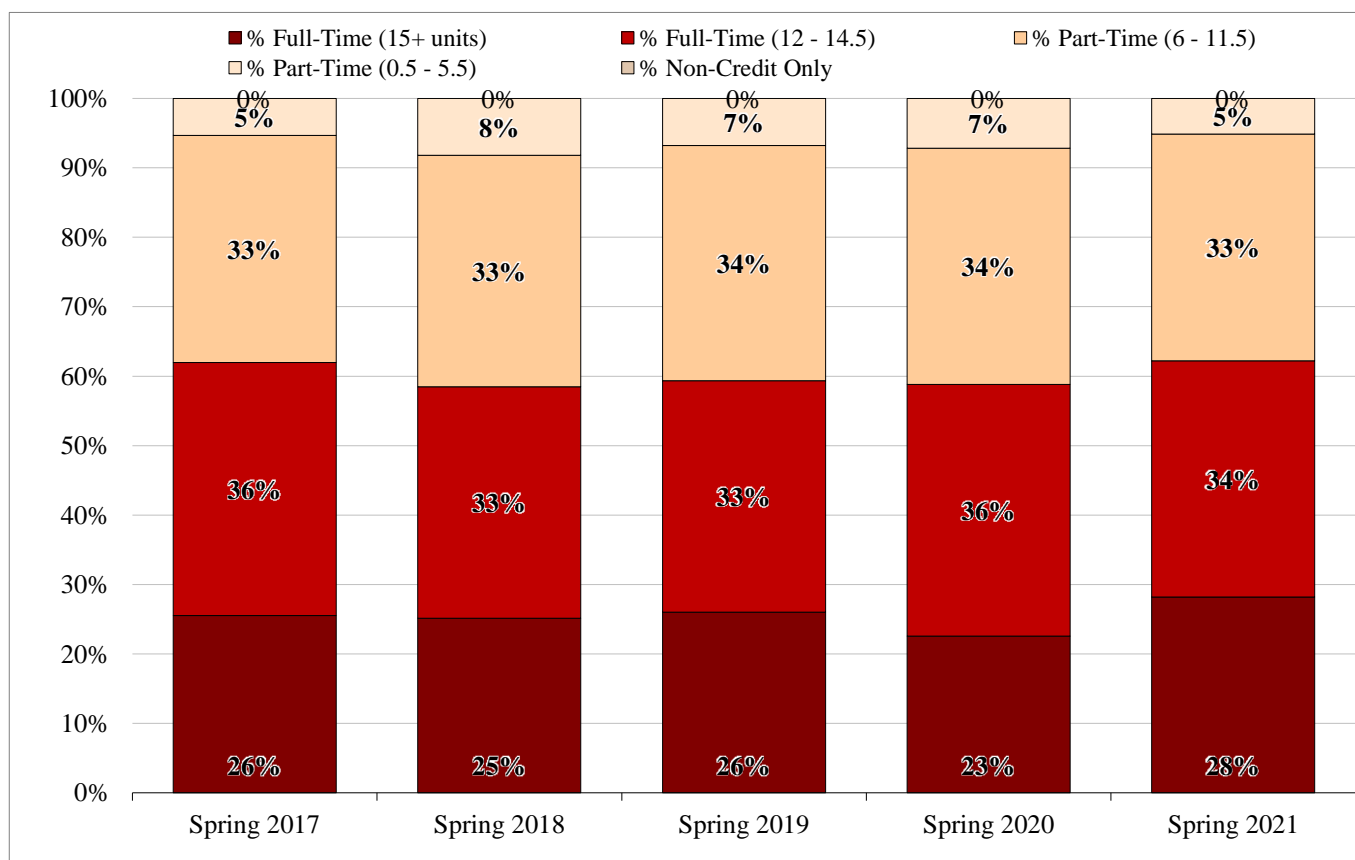
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

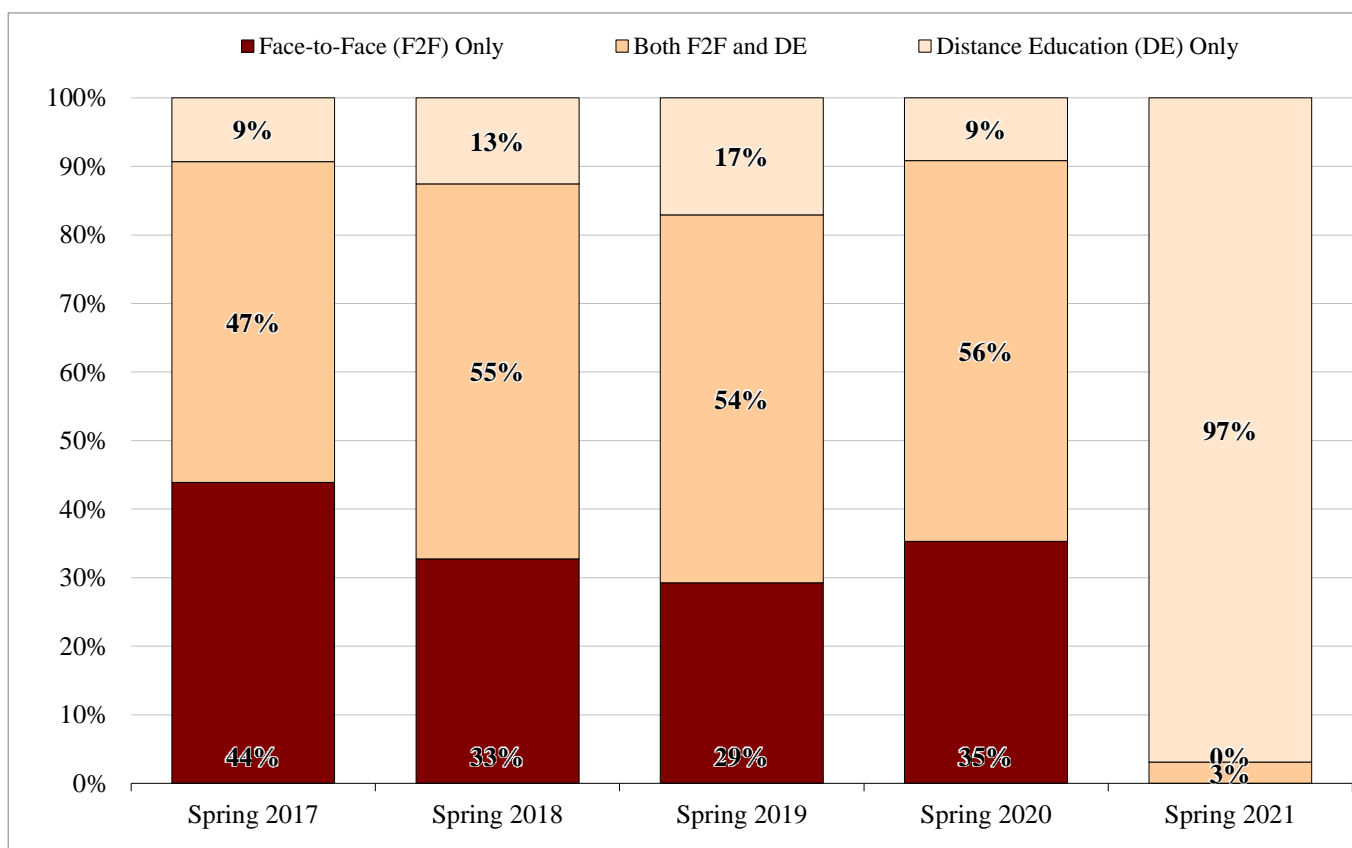
Student Unit Load

Geology (GEOL)					
	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Full-Time (15+ units)	96	86	96	69	82
Full-Time (12 - 14.5)	137	114	123	111	99
Part-Time (6 - 11.5)	123	114	125	104	95
Part-Time (0.5 - 5.5)	20	28	25	22	15
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	26%	25%	26%	23%	28%
% Full-Time (12 - 14.5)	36%	33%	33%	36%	34%
% Part-Time (6 - 11.5)	33%	33%	34%	34%	33%
% Part-Time (0.5 - 5.5)	5%	8%	7%	7%	5%
% Non-Credit Only	0%	0%	0%	0%	0%



Students Using Distance Education

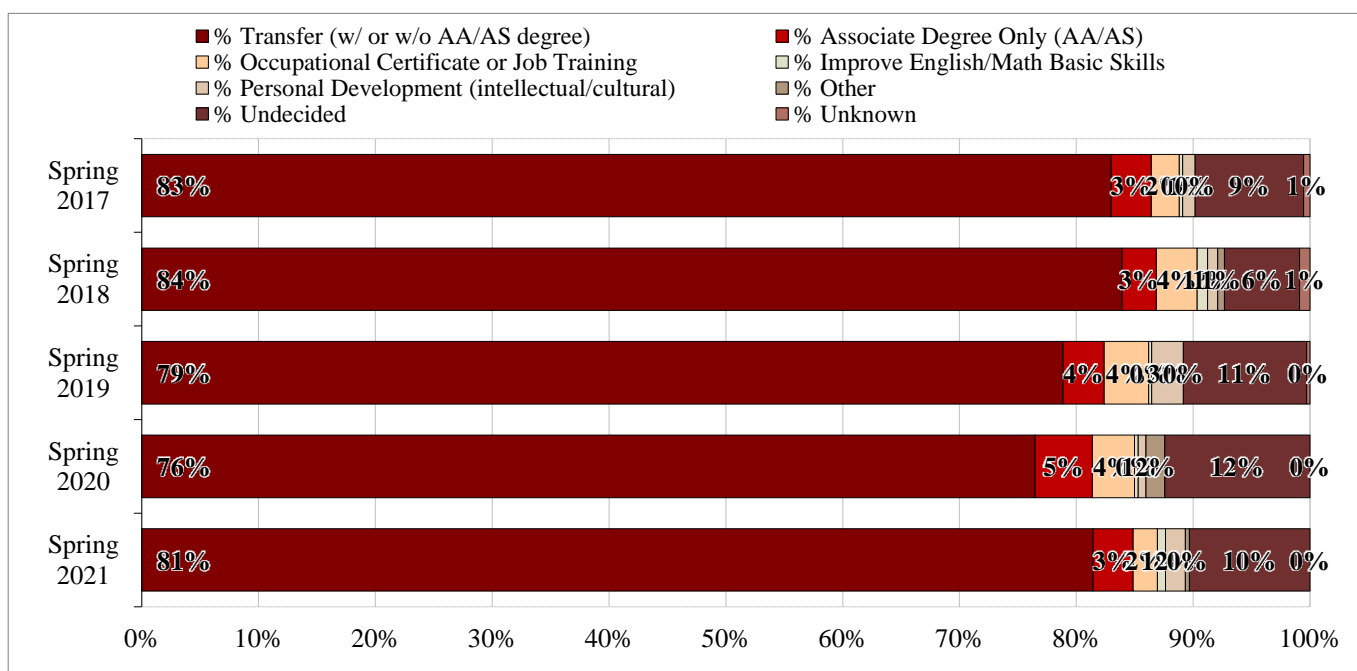
Geology (GEOL)					
(Categories reflect college-wide coursework)	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Face-to-Face (F2F) Only	165	112	108	108	0
Both F2F and DE	176	187	198	170	9
Distance Education (DE) Only	35	43	63	28	282
% Face-to-Face (F2F) Only	44%	33%	29%	35%	0%
% Both F2F and DE	47%	55%	54%	56%	3%
% Distance Education (DE) Only	9%	13%	17%	9%	97%



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				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Transfer (w/ or w/o AA/AS degree)	312	287	291	234	237
Associate Degree Only (AA/AS)	13	10	13	15	10
Occupational Certificate or Job Training	9	12	14	11	6
Improve English/Math Basic Skills	1	3	1	1	2
Personal Development (intellectual/cultural)	4	3	10	2	5
Other	0	2	0	5	1
Undecided	35	22	39	38	30
Unknown	2	3	1	0	0
% Transfer (w/ or w/o AA/AS degree)	83%	84%	79%	76%	81%
% Associate Degree Only (AA/AS)	3%	3%	4%	5%	3%
% Occupational Certificate or Job Training	2%	4%	4%	4%	2%
% Improve English/Math Basic Skills	<1%	1%	<1%	<1%	1%
% Personal Development (intellectual/cultural)	1%	1%	3%	1%	2%
% Other	0%	1%	0%	2%	<1%
% Undecided	9%	6%	11%	12%	10%
% Unknown	1%	1%	<1%	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.

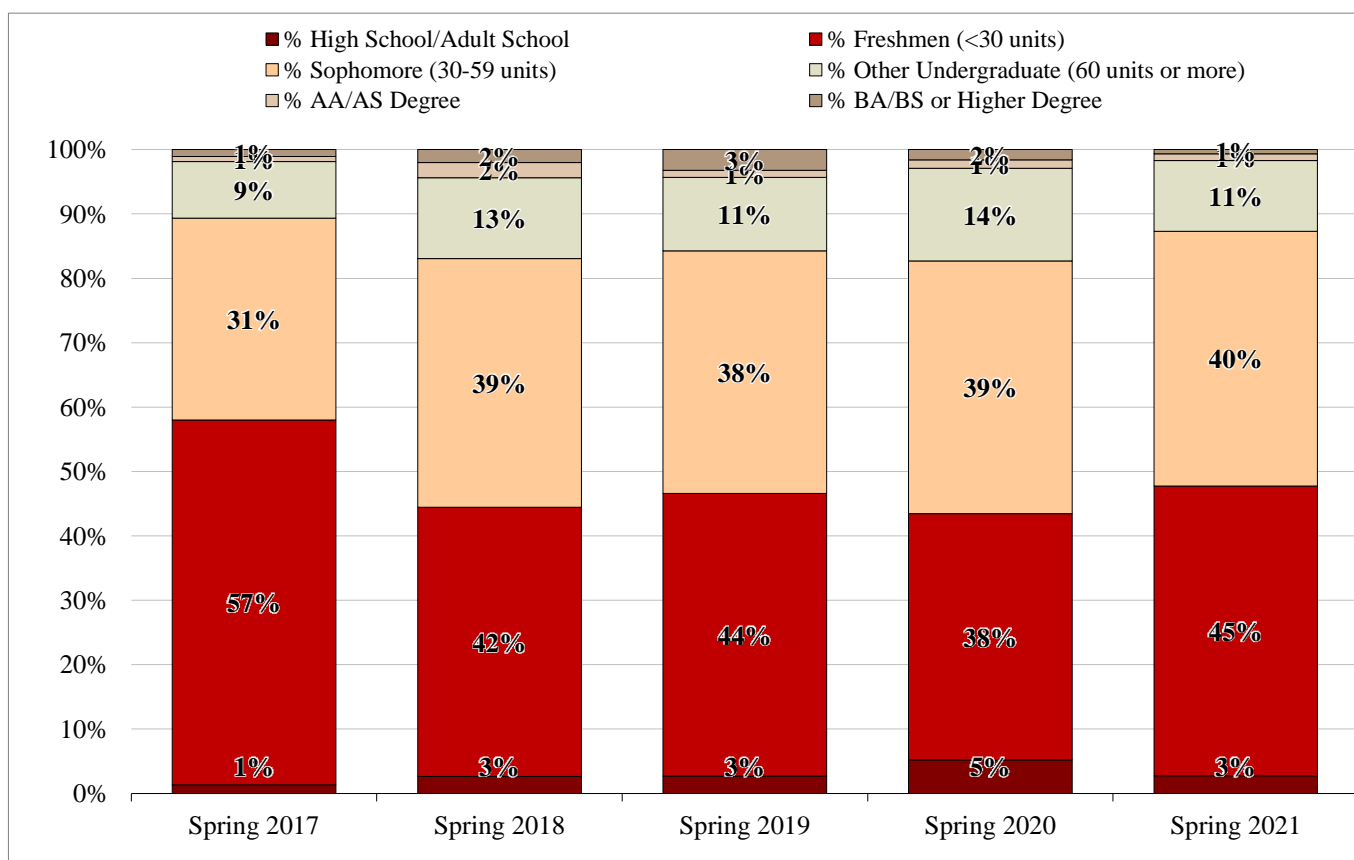
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

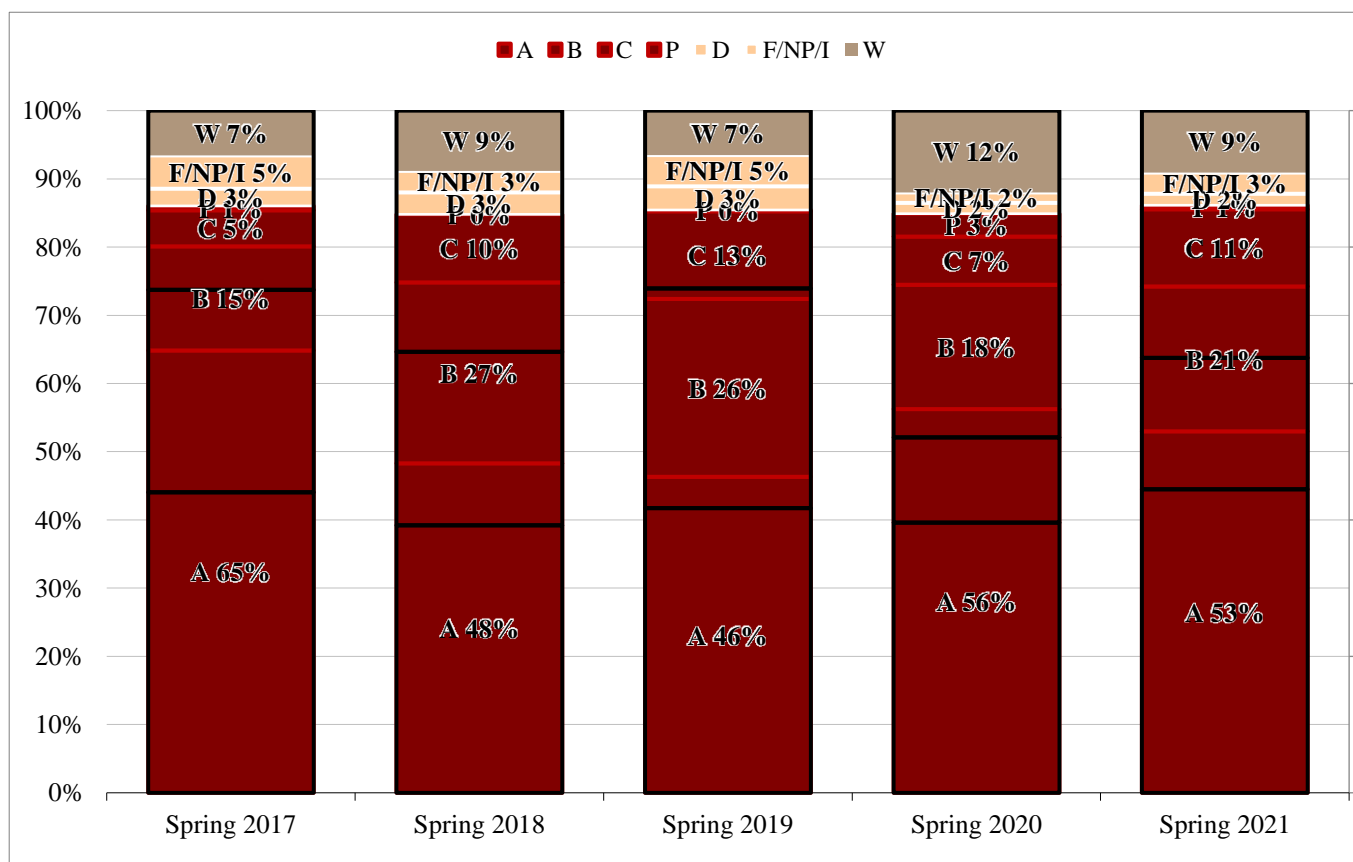
Highest Educational Level of Students

Geology (GEOL)					
	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
High School/Adult School	5	9	10	16	8
Freshmen (<30 units)	213	143	162	117	131
Sophomore (30-59 units)	118	132	139	120	115
Other Undergraduate (60 units or more)	33	43	42	44	32
AA/AS Degree	3	8	4	4	3
BA/BS or Higher Degree	4	7	12	5	2
% High School/Adult School	1%	3%	3%	5%	3%
% Freshmen (<30 units)	57%	42%	44%	38%	45%
% Sophomore (30-59 units)	31%	39%	38%	39%	40%
% Other Undergraduate (60 units or more)	9%	13%	11%	14%	11%
% AA/AS Degree	1%	2%	1%	1%	1%
% BA/BS or Higher Degree	1%	2%	3%	2%	1%



Student Performance: Grade Distribution

Geology (GEOL)					
	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Total Course Enrollments	472	441	460	384	353
Course Success Rates	86%	85%	85%	85%	86%
A	65%	48%	46%	56%	53%
B	15%	27%	26%	18%	21%
C	5%	10%	13%	7%	11%
P	1%	0%	<1%	3%	1%
Course Non-Success Rate	7%	6%	8%	3%	5%
D	3%	3%	3%	2%	2%
F*	5%	3%	5%	2%	3%
Withdrawals (See Note)	7%	9%	7%	12%	9%



Definitions:

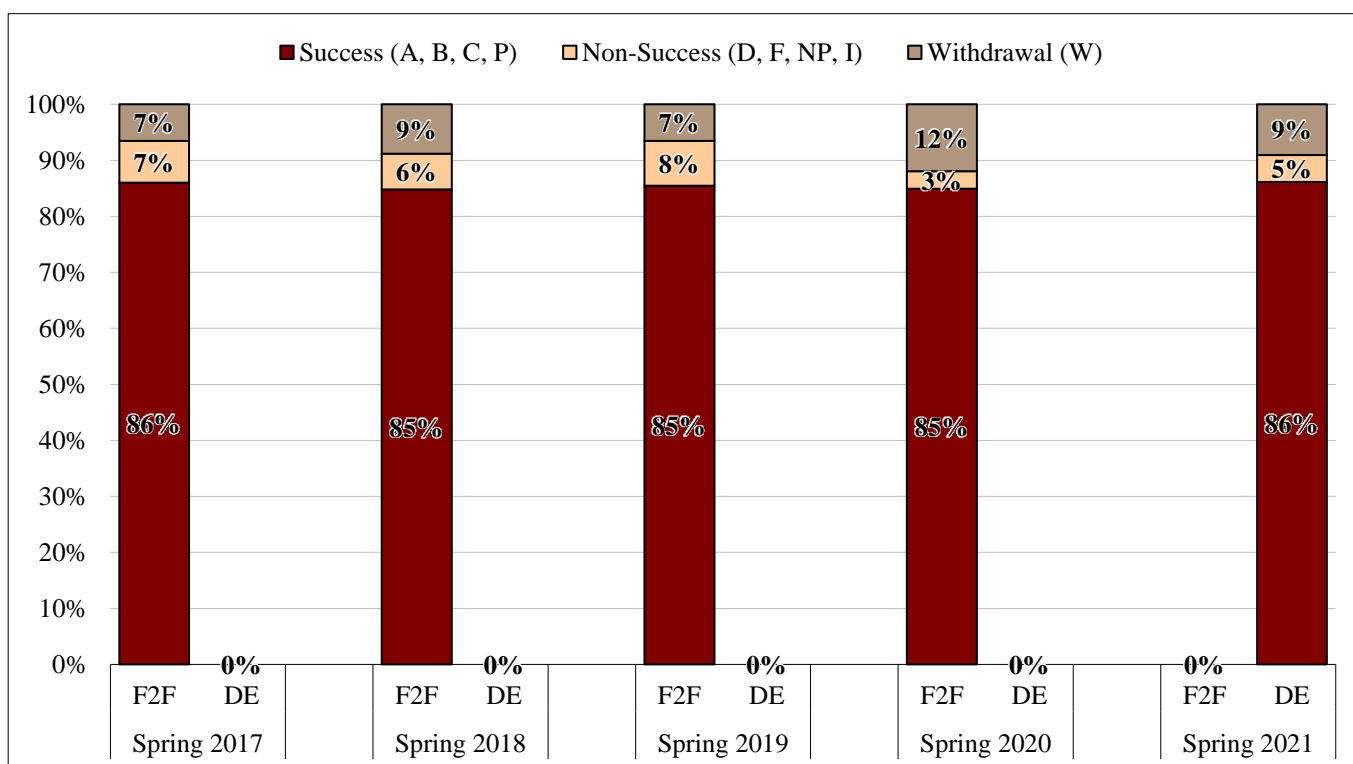
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D' or F* (includes: 'F', 'NP', 'I', '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				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Total Course Enrollments	472	441	460	384	353
Face-to-Face (F2F) Sections	308	256	223	254	0
Success Rates	86%	85%	85%	85%	—
Non-Success Rates	7%	6%	8%	3%	—
Withdrawals	7%	9%	7%	12%	—
Distance Education (DE) Sections	164	185	237	130	353
Success Rates	—	—	—	—	86%
Non-Success Rates	—	—	—	—	5%
Withdrawals	—	—	—	—	9%



Definitions:

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

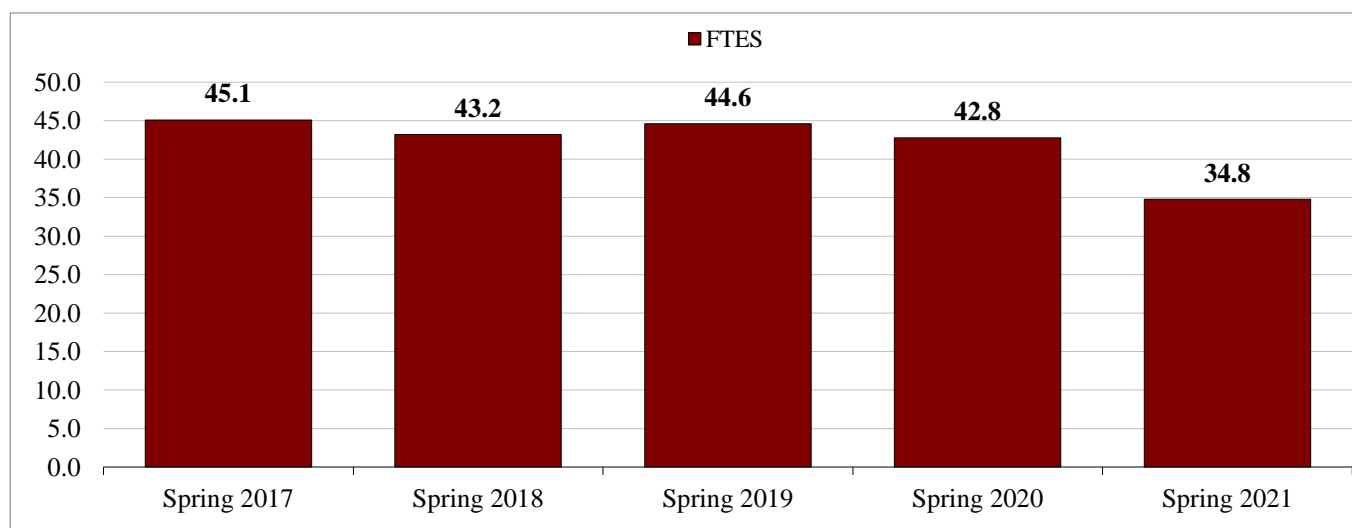
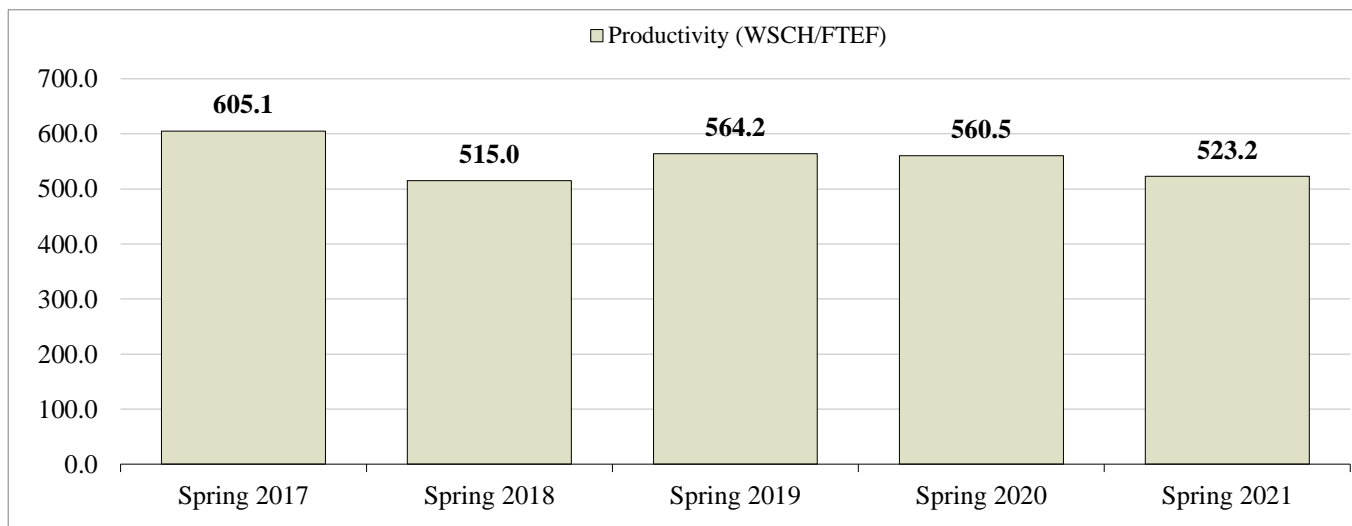
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
WSCH	1,416	1,326	1,371	1,334	1,062
FTES	45.1	43.2	44.6	42.8	34.8
FTEF	2.3	2.6	2.4	2.4	2.0
Productivity (WSCH/FTEF)	605.1	515.0	564.2	560.5	523.2

**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.

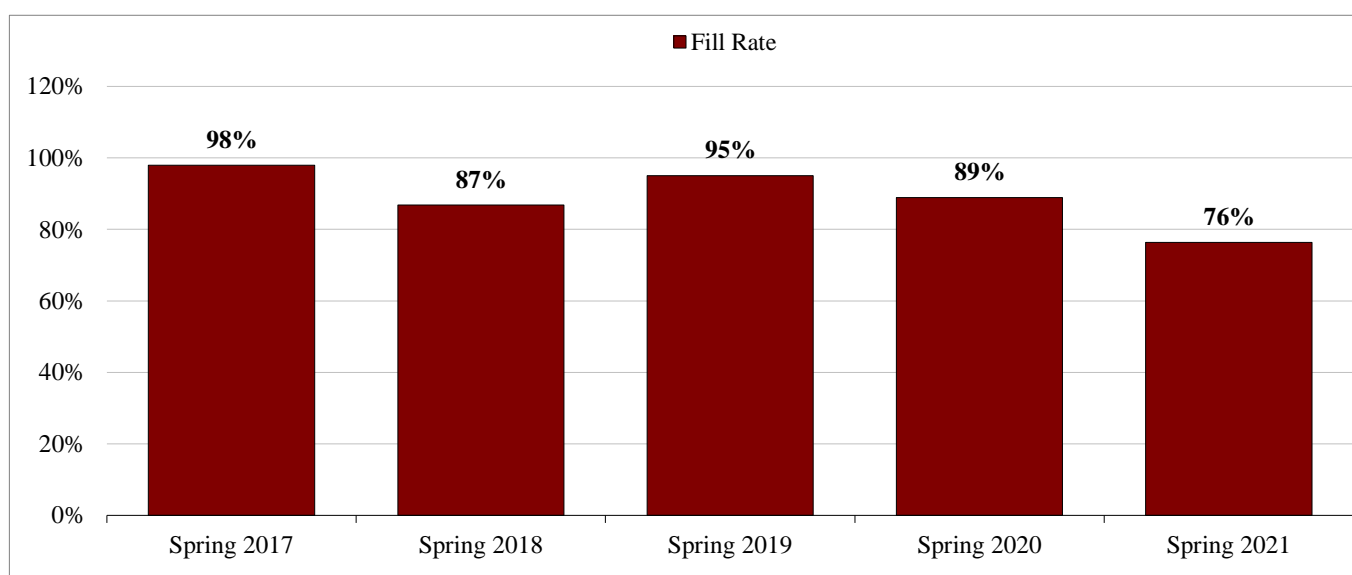
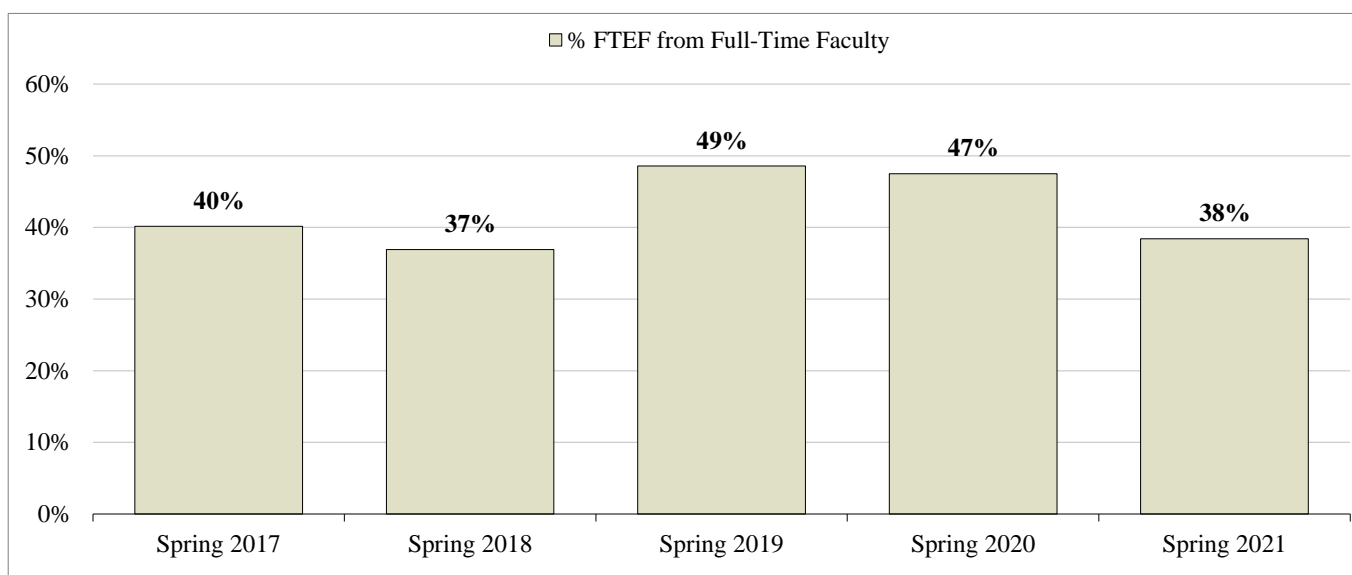
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
FTEF from Full-Time Faculty	0.9	1.0	1.2	1.1	0.8
% FTEF from Full-Time Faculty	40%	37%	49%	47%	38%
Enrollments	472	441	460	384	353
Capacity (seats available)	482	508	484	432	462
Fill Rate	98%	87%	95%	89%	76%


Definitions:

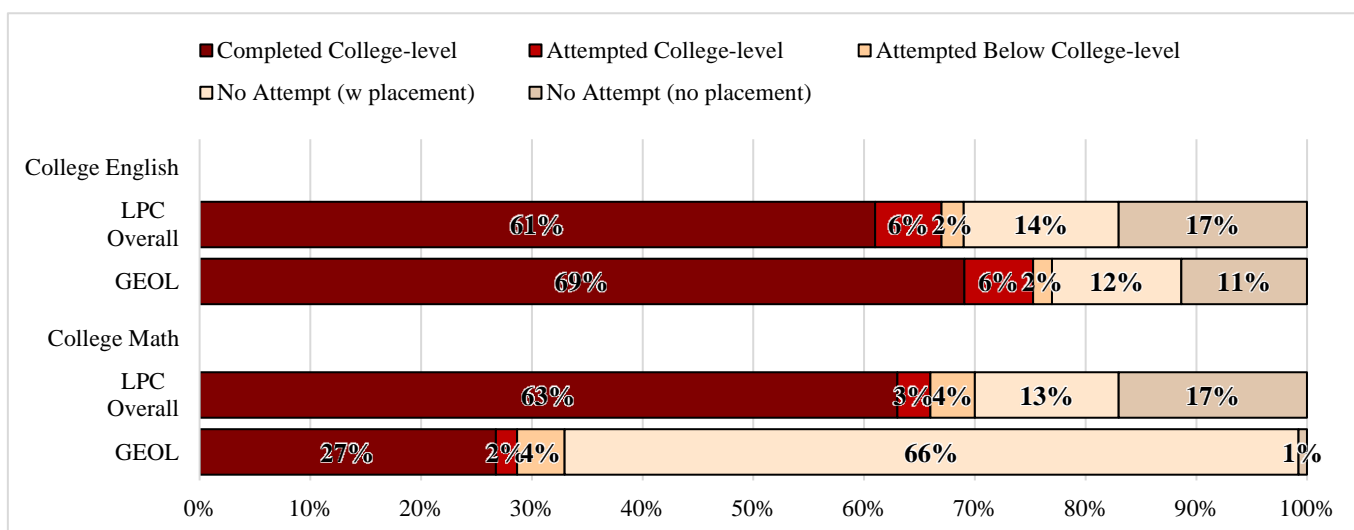
Fill Rate is number of enrollments over the total capacity (seats available).

% 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.

Prior Experience in English & Math

	Spring 2021			
	GEOL		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	201	69%	4,882	61%
Attempted College-level	18	6%	547	7%
Attempted Below College-level	5	2%	65	1%
No Prior Attempt (has placement)	34	12%	1,066	13%
No Prior Attempt (no placement)	33	11%	1,485	18%
College Math				
Completed College-level	69	27%	5,173	64%
Attempted College-level	5	2%	186	2%
Attempted Below College-level	11	4%	217	3%
No Prior Attempt (has placement)	171	66%	1,126	14%
No Prior Attempt (no placement)	2	1%	1,343	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 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.