



Las Positas College

**Program Review Discipline Data Packet**

Spring 2015 to Spring 2019

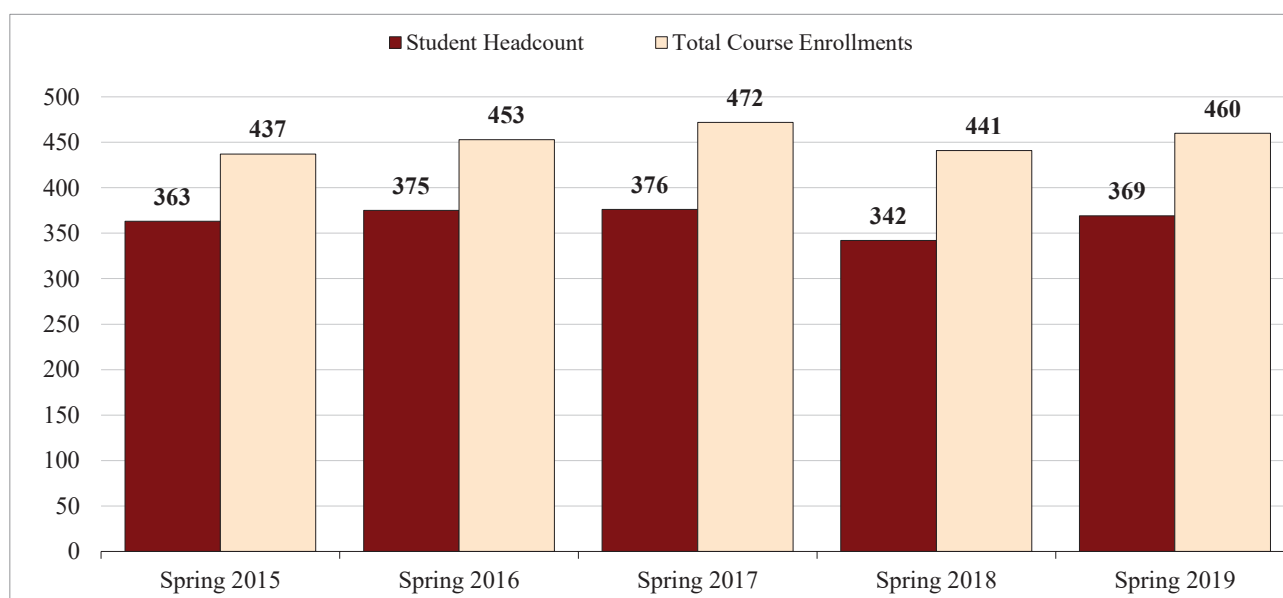
Discipline:

**Geology (GEOL)**

<b><u>TABLE OF CONTENTS</u></b>	<b><u>PAGE</u></b>
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
College Readiness: English & Math Proficiency.....	13

## Headcount & Enrollment

	Geology ( GEOL )				
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
Student Headcount	363	375	376	342	369
Total Course Enrollments	437	453	472	441	460



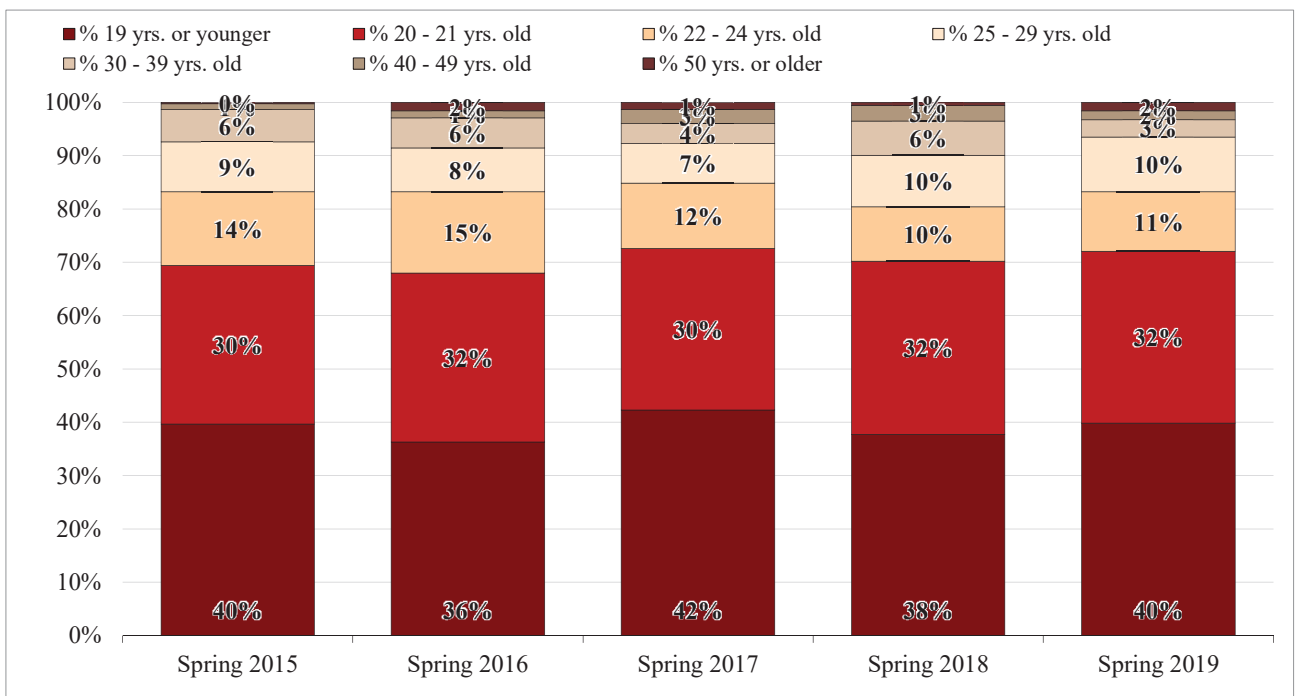
### Definitions:

**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.

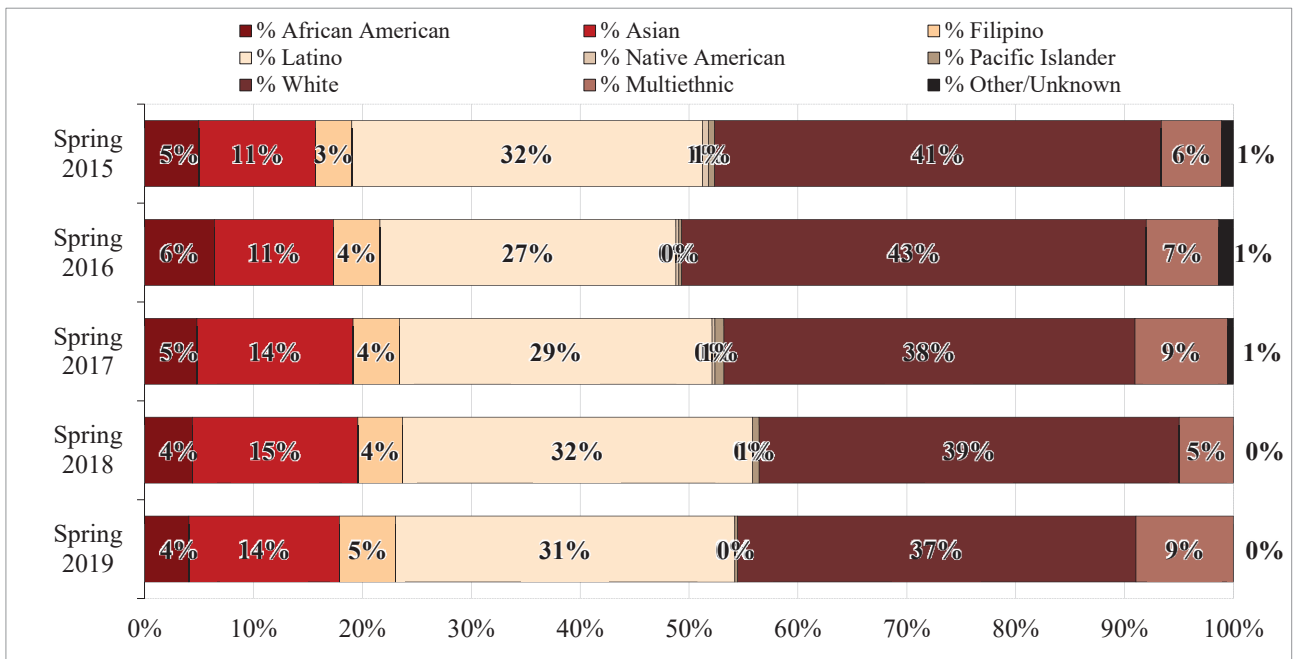
## Student Demographics: Gender & Age

Geology ( GEOL )					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
Female	182	187	191	175	194
Male	178	179	182	162	168
19 yrs. or younger	144	136	159	129	147
20-21 yrs. old	108	119	114	111	119
22-24 yrs. old	50	57	46	35	41
25-29 yrs. old	34	31	28	33	38
30-39 yrs. old	22	21	14	22	12
40-49 yrs. old	4	5	10	10	6
50 yrs. or older	1	6	5	2	6
% Female	51%	51%	51%	52%	54%
% Male	49%	49%	49%	48%	46%
% 19 yrs. or younger	40%	36%	42%	38%	40%
% 20 - 21 yrs. old	30%	32%	30%	32%	32%
% 22 - 24 yrs. old	14%	15%	12%	10%	11%
% 25 - 29 yrs. old	9%	8%	7%	10%	10%
% 30 - 39 yrs. old	6%	6%	4%	6%	3%
% 40 - 49 yrs. old	1%	1%	3%	3%	2%
% 50 yrs. or older	<1%	2%	1%	1%	2%



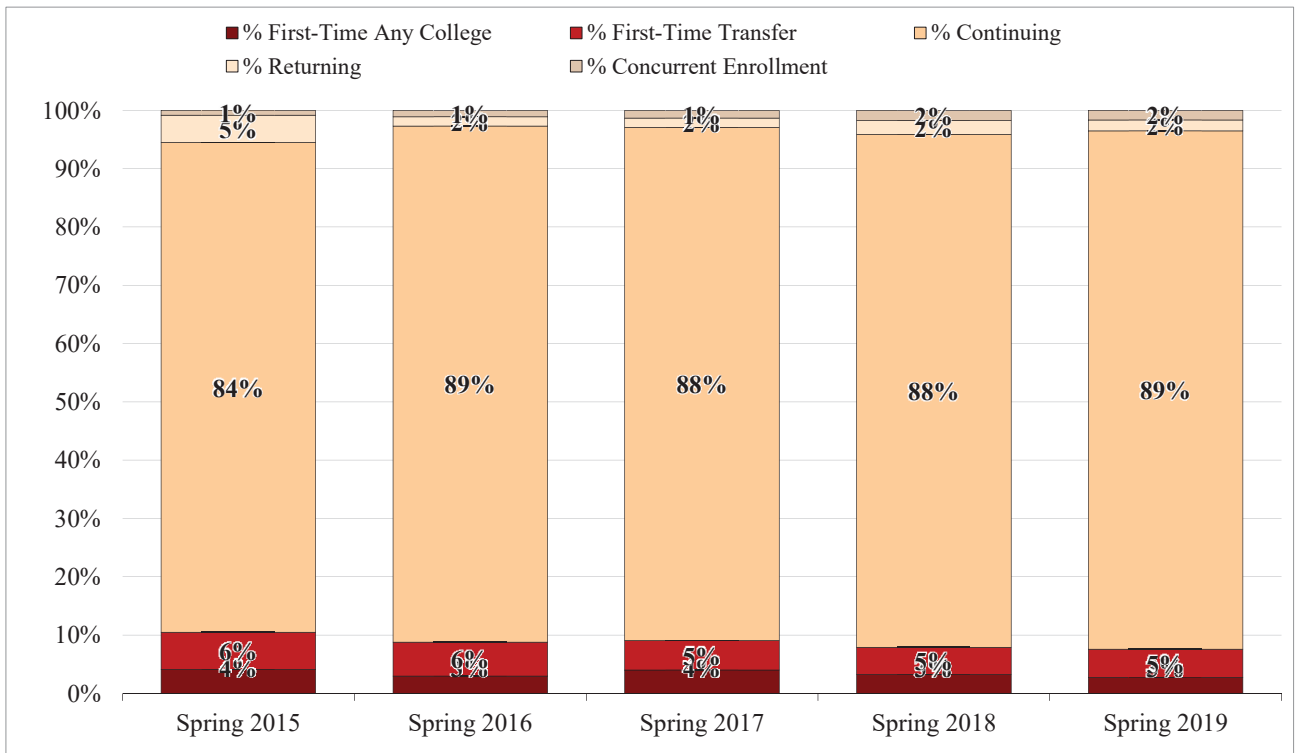
## Student Demographic: Race-Ethnicity

Geology ( GEOL )					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
African American	18	24	18	15	15
Asian	39	41	54	52	51
Filipino	12	16	16	14	19
Latino	117	102	108	110	115
Native American	2	1	1	0	0
Pacific Islander	2	1	3	2	1
White	149	160	142	132	135
Multiethnic	20	25	32	17	33
Other/Unknown	4	5	2	0	0
% African American	5%	6%	5%	4%	4%
% Asian	11%	11%	14%	15%	14%
% Filipino	3%	4%	4%	4%	5%
% Latino	32%	27%	29%	32%	31%
% Native American	1%	<1%	<1%	0%	0%
% Pacific Islander	1%	<1%	1%	1%	<1%
% White	41%	43%	38%	39%	37%
% Multiethnic	6%	7%	9%	5%	9%
% Other/Unknown	1%	1%	1%	0%	0%



## Student Enrollment Status

	Geology ( GEOL )				
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
First-Time Any College	15	11	15	11	10
First-Time Transfer	23	22	19	16	18
Continuing	305	332	331	301	328
Returning	17	6	6	8	7
Concurrent Enrollment	3	4	5	6	6
% First-Time Any College	4%	3%	4%	3%	3%
% First-Time Transfer	6%	6%	5%	5%	5%
% Continuing	84%	89%	88%	88%	89%
% Returning	5%	2%	2%	2%	2%
% Concurrent Enrollment	1%	1%	1%	2%	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.

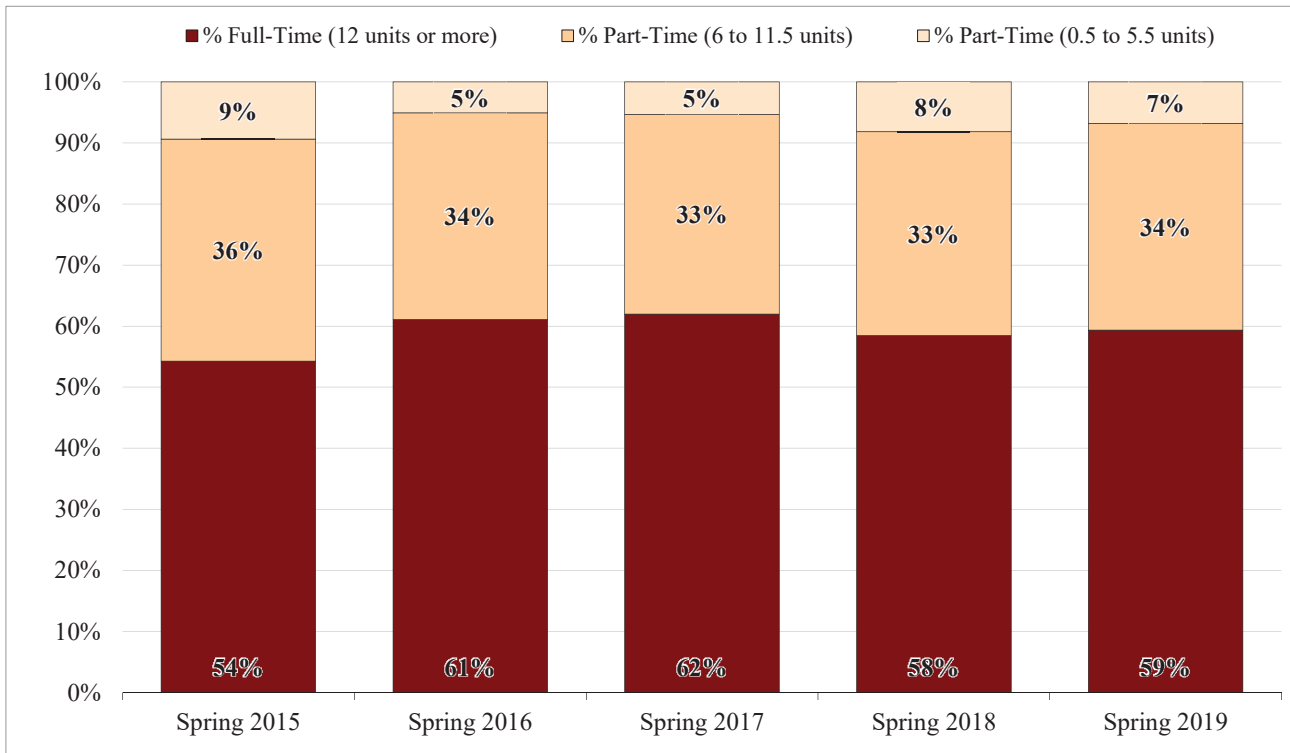
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

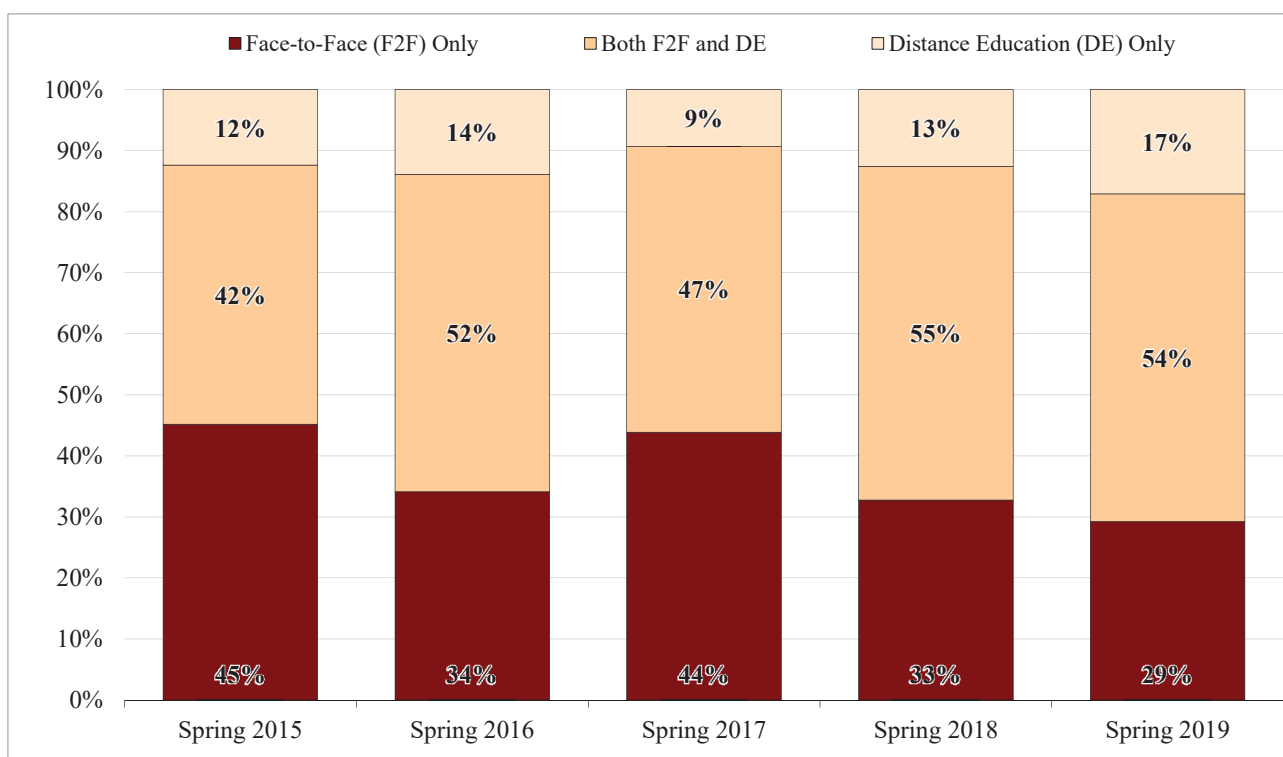
## Student Unit Load

Geology ( GEOL )					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
Full-Time (12 units or more)	197	229	233	200	219
Part-Time (6 to 11.5 units)	132	127	123	114	125
Part-Time (0.5 to 5.5 units)	34	19	20	28	25
% Full-Time (12 units or more)	54%	61%	62%	58%	59%
% Part-Time (6 to 11.5 units)	36%	34%	33%	33%	34%
% Part-Time (0.5 to 5.5 units)	9%	5%	5%	8%	7%



## Students Using Distance Education

Geology ( GEOL )					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
Face-to-Face (F2F) Only	164	128	165	112	108
Both F2F and DE	154	195	176	187	198
Distance Education (DE) Only	45	52	35	43	63
% Face-to-Face (F2F) Only	45%	34%	44%	33%	29%
% Both F2F and DE	42%	52%	47%	55%	54%
% Distance Education (DE) Only	12%	14%	9%	13%	17%

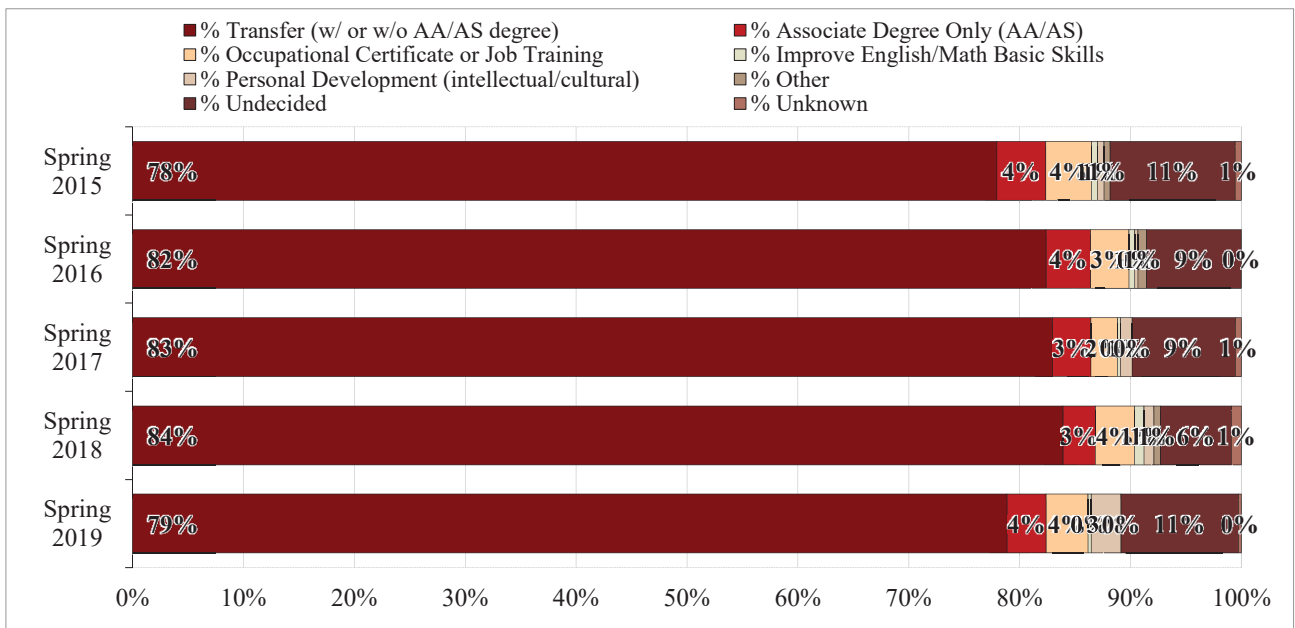


**Definitions:**

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

## Student Educational Goal

Geology ( GEOL )					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
Transfer (w/ or w/o AA/AS degree)	283	309	312	287	291
Associate Degree Only (AA/AS)	16	15	13	10	13
Occupational Certificate or Job Training	15	13	9	12	14
Improve English/Math Basic Skills	2	2	1	3	1
Personal Development (intellectual/cultural)	2	1	4	3	10
Other	2	3	0	2	0
Undecided	41	32	35	22	39
Unknown	2	0	2	3	1
% Transfer (w/ or w/o AA/AS degree)	78%	82%	83%	84%	79%
% Associate Degree Only (AA/AS)	4%	4%	3%	3%	4%
% Occupational Certificate or Job Training	4%	3%	2%	4%	4%
% Improve English/Math Basic Skills	1%	1%	<1%	1%	<1%
% Personal Development (intellectual/cultural)	1%	<1%	1%	1%	3%
% Other	1%	1%	0%	1%	0%
% Undecided	11%	9%	9%	6%	11%
% Unknown	1%	0%	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.

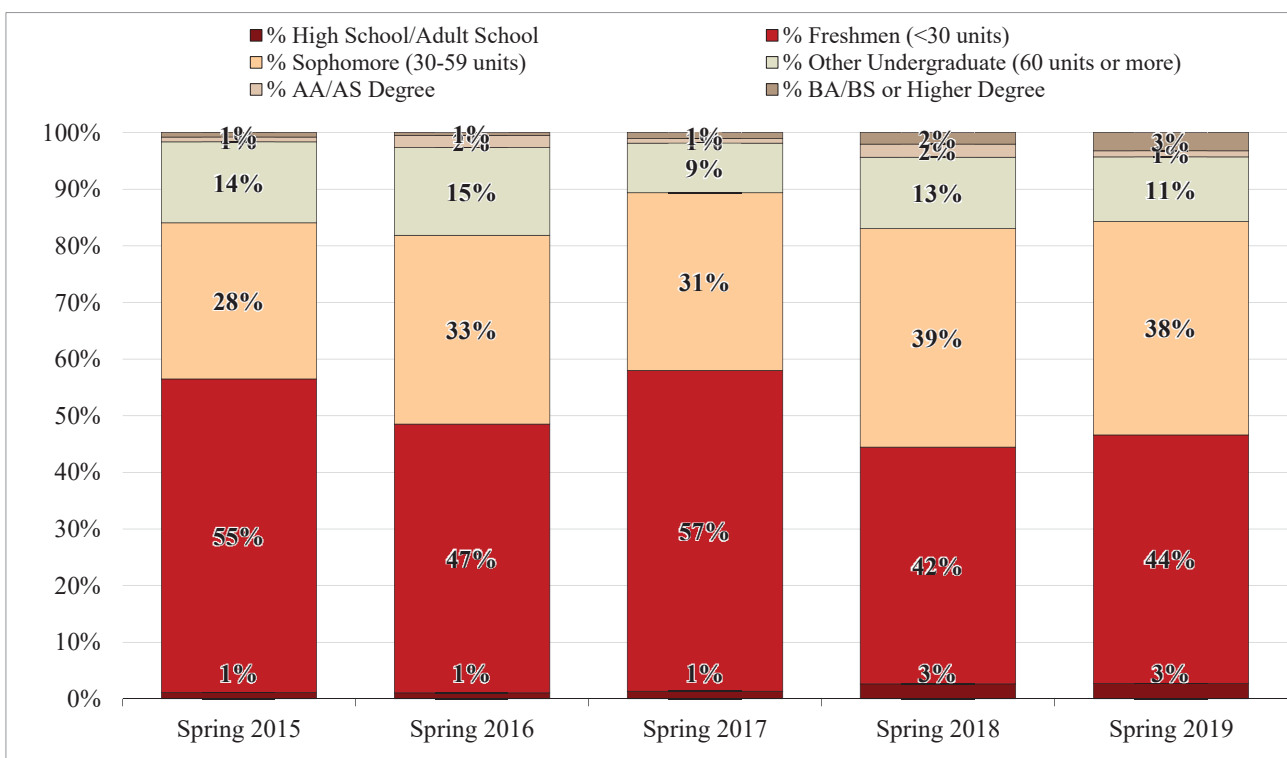
**Personal Development:** Students taking courses for intellectual and/or cultural development.

**Other:** Students completing diploma/GED requirements or moving from non-credit to credit courses. Data from admission application.



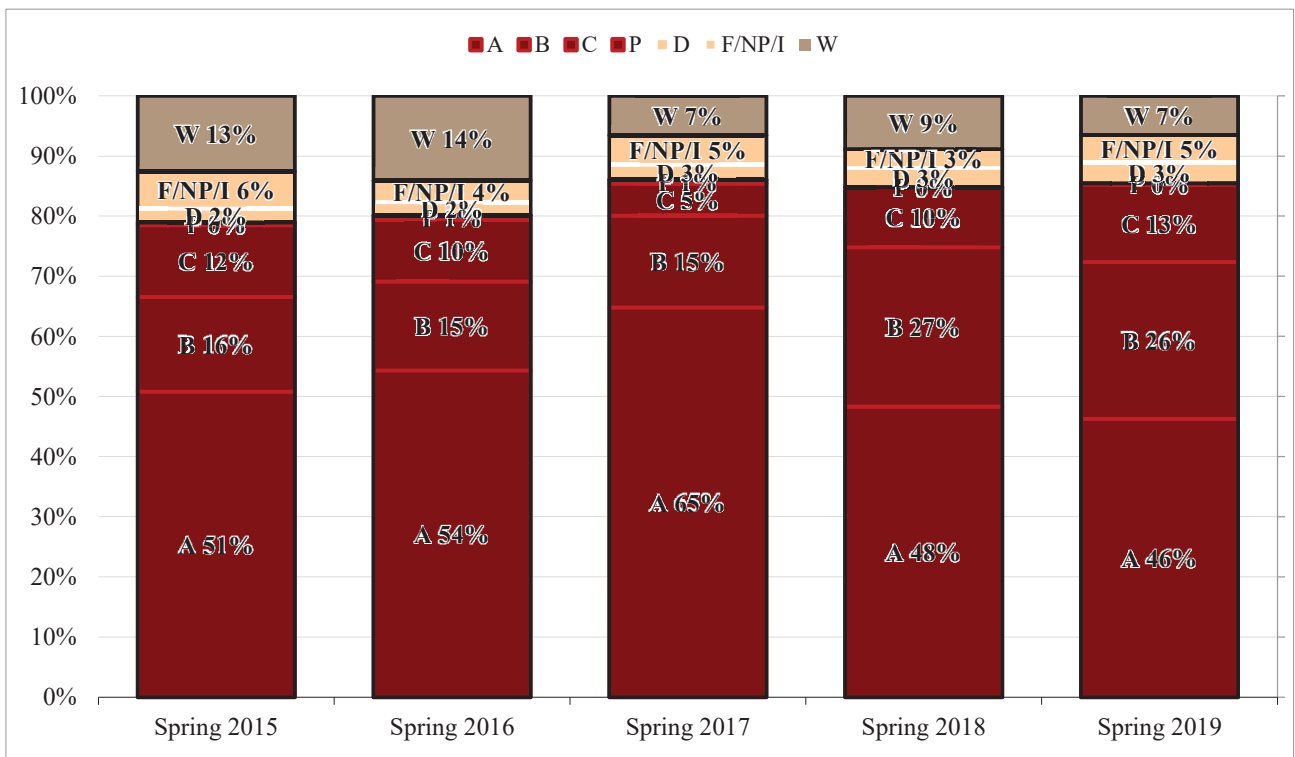
## Highest Educational Level of Students

Geology ( GEOL )					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
High School/Adult School	4	4	5	9	10
Freshmen (<30 units)	201	178	213	143	162
Sophomore (30-59 units)	100	125	118	132	139
Other Undergraduate (60 units or more)	52	58	33	43	42
AA/AS Degree	3	8	3	8	4
BA/BS or Higher Degree	3	2	4	7	12
% High School/Adult School	1%	1%	1%	3%	3%
% Freshmen (<30 units)	55%	47%	57%	42%	44%
% Sophomore (30-59 units)	28%	33%	31%	39%	38%
% Other Undergraduate (60 units or more)	14%	15%	9%	13%	11%
% AA/AS Degree	1%	2%	1%	2%	1%
% BA/BS or Higher Degree	1%	1%	1%	2%	3%



## Student Performance: Grade Distribution

Geology ( GEOL )					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
<b>Total Course Enrollments</b>	<b>437</b>	<b>453</b>	<b>472</b>	<b>441</b>	<b>460</b>
<b>Course Success Rates</b>	<b>79%</b>	<b>80%</b>	<b>86%</b>	<b>85%</b>	<b>85%</b>
A	51%	54%	65%	48%	46%
B	16%	15%	15%	27%	26%
C	12%	10%	5%	10%	13%
P	<1%	1%	1%	0%	<1%
<b>Course Non-Success Rate</b>	<b>8%</b>	<b>6%</b>	<b>7%</b>	<b>6%</b>	<b>8%</b>
D	2%	2%	3%	3%	3%
F/NP/I	6%	4%	5%	3%	5%
<b>Withdrawals (W)</b>	<b>13%</b>	<b>14%</b>	<b>7%</b>	<b>9%</b>	<b>7%</b>



### Definitions:

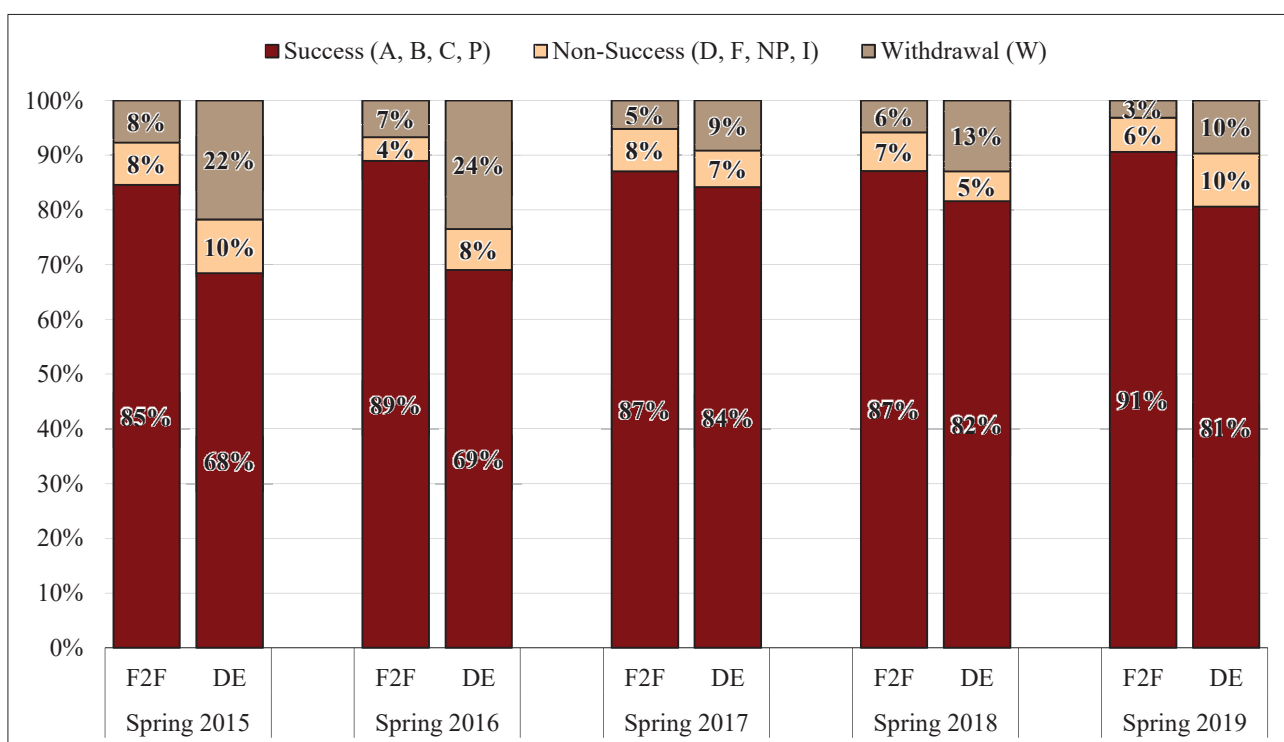
**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

**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.

## Student Performance: Distance Education

Geology ( GEOL )					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
<b>Total Course Enrollments</b>	<b>437</b>	<b>453</b>	<b>472</b>	<b>441</b>	<b>460</b>
<b>Face-to-Face (F2F) Sections</b>	<b>285</b>	<b>253</b>	<b>308</b>	<b>256</b>	<b>223</b>
Success Rates	85%	89%	87%	87%	91%
Non-Success Rates	8%	4%	8%	7%	6%
Withdrawals	8%	7%	5%	6%	3%
<b>Distance Education (DE) Sections</b>	<b>152</b>	<b>200</b>	<b>164</b>	<b>185</b>	<b>237</b>
Success Rates	68%	69%	84%	82%	81%
Non-Success Rates	10%	8%	7%	5%	10%
Withdrawals	22%	24%	9%	13%	10%



### 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.

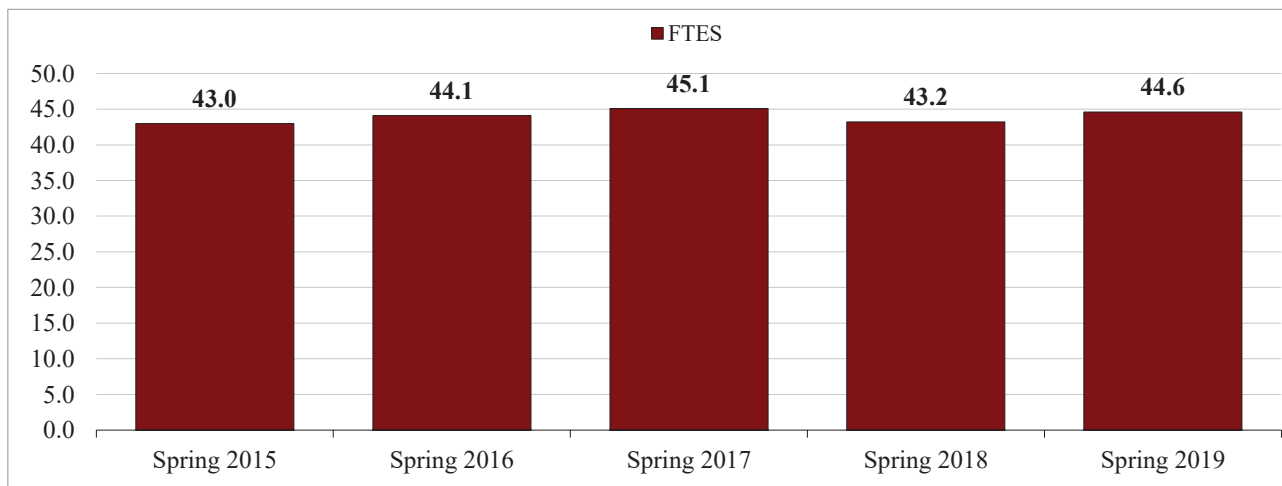
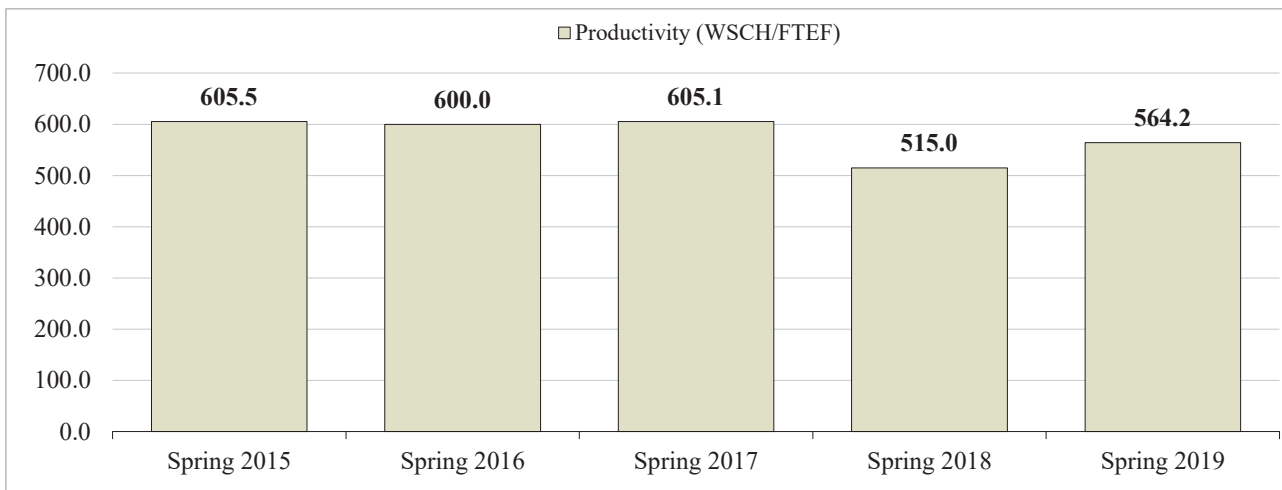
**Course Non-Success Rate** is the percentage of students receiving a grade of ('D', 'F', 'NP' or 'I') relative to all students receiving a grade.

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

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

## Enrollment Management: Part 1

	Geology ( GEOL )				
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
WSCH	1,311	1,359	1,416	1,326	1,371
FTES	43.0	44.1	45.1	43.2	44.6
FTEF	2.2	2.3	2.3	2.6	2.4
Productivity (WSCH/FTEF)	605.5	600.0	605.1	515.0	564.2



### 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.

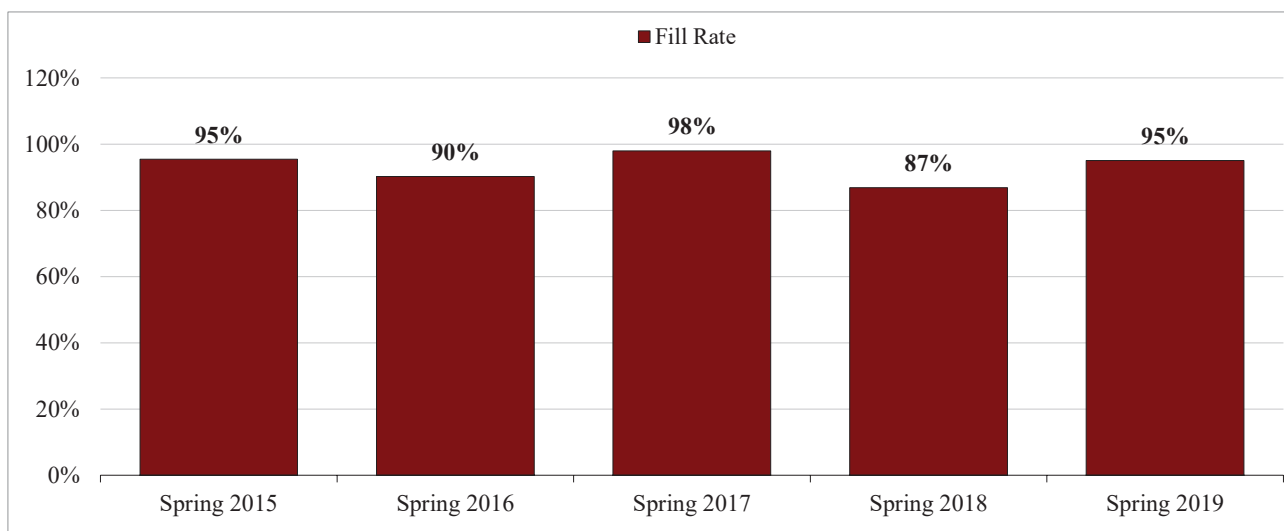
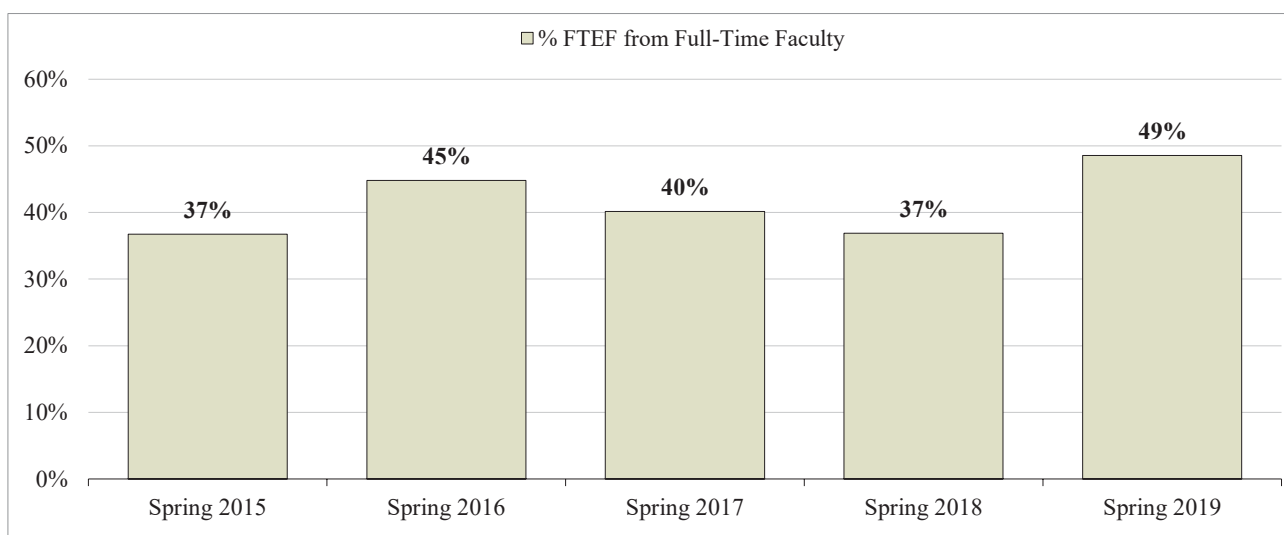
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

**Note:** Enrollment Management data includes all credit courses accounted for during the respective academic terms; data accessed on 5/15/18.

## Enrollment Management: Part 2

Geology ( GEOL )					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
FTEF from Full-Time Faculty	0.8	1.0	0.9	1.0	1.2
% FTEF from Full-Time Faculty	37%	45%	40%	37%	49%
Enrollments	437	453	472	441	460
Capacity (seats available)	458	502	482	508	484
Fill Rate	95%	90%	98%	87%	95%



### Definitions:

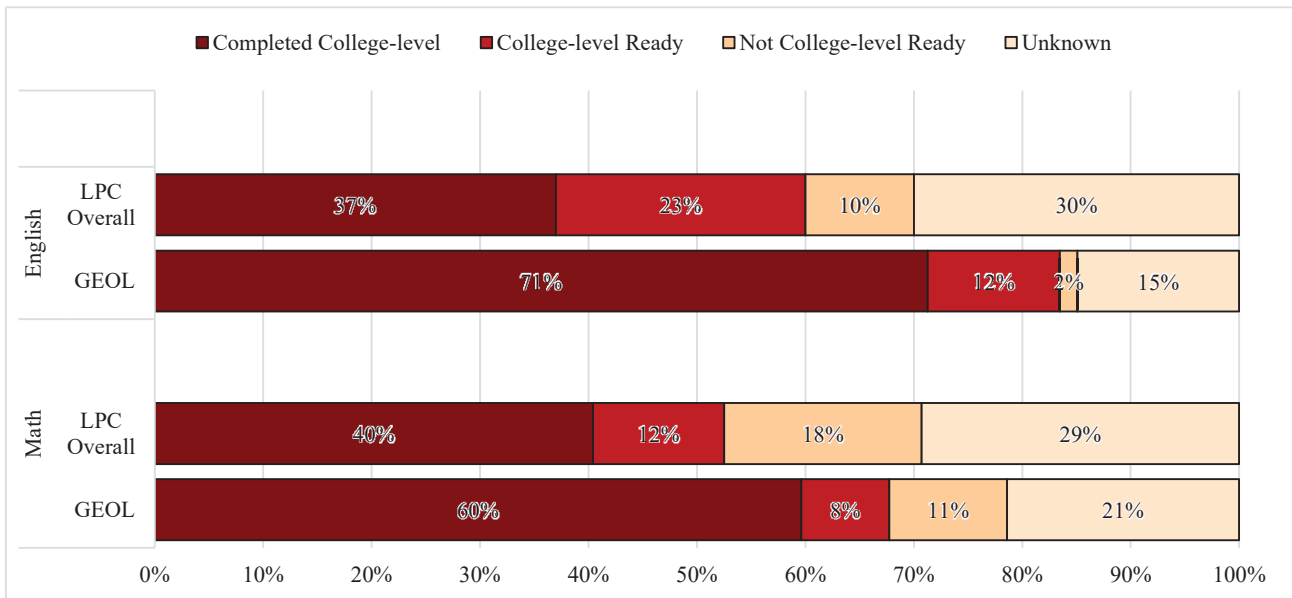
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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 5/15/18.

## College Readiness: English & Math Proficiency

Spring 2019				
	GEOL		LPC Overall	
	Num	Pct	Num	Pct
<b>College English</b>				
Completed College-level	263	71%	5,237	60%
College-level Ready	45	14%	1,339	15%
Not College-level Ready	6	2%	458	5%
Unknown	55	16%	1,703	19%
<b>College Math</b>				
Completed College-level	220	60%	4,956	57%
College-level Ready	30	8%	642	7%
Not College-level Ready	40	11%	1,161	13%
Unknown	79	21%	1,978	23%



### Definitions:

#### College English

**Completed College-level** is defined as successfully completed ENG 1A or higher, or has earned at least an Associates degree.

**College-level Ready** is defined as anyone who is eligible for ENG 1A but has not successfully completed the course.

**Not College-level Ready** is defined as anyone who is not eligible for ENG 1A but has not successfully completed the course.

**Unknown** is defined as anyone with no previous English enrollments within the sequence and no previous English assessment.

#### College Math

**Completed College-level** is defined as successfully completed Math 55 or higher or assessed into Transfer-level Math, or has earned at least an Associates degree.

**College-level Ready** is defined as anyone who is eligible for MATH 55 but has not yet successfully complete the course.

**Not College-level Ready** is defined as anyone who is not eligible for MATH 55 but has not yet successfully complete the course.

**Unknown** is defined as anyone with no previous Math enrollments within the sequence and no previous Math assessment.